



HK01803

北京體育文化產業集團有限公司

BEIJING SPORTS AND ENTERTAINMENT INDUSTRY GROUP LIMITED

(incorporated in the Cayman Islands with limited liability)

(於開曼群島註冊成立的有限公司)

(Stock code 股份代號 : 01803)

ENVIRONMENTAL, SOCIAL AND
GOVERNANCE REPORT **2018**
2018 環境、社會及管治報告

CONTENTS 目錄

I	ABOUT THIS REPORT	5
	關於本報告	
1.1	REPORTING SCOPE AND PERIOD	5
	報告範圍及邊界	
1.2	DATA SOURCE AND RELIABILITY DECLARATION	5
	數據來源及可靠性聲明	
1.3	CONFIRMATION AND ENDORSEMENT	6
	確認及批注	
1.4	ACCESS AND FEEDBACK TO THIS REPORT	6
	獲取及回應本報告	
2	ABOUT US	6
	關於我們	
2.1	OUR VISION	7
	我們的願景	
2.2	OUR BUSINESSES	7
	我們的業務	
2.3	INTRODUCTION OF SUBSIDIARIES	10
	旗下公司介紹	
2.4	CHRONICLE OF EVENTS IN 2018	12
	2018年度大事記	
3	CHAIRMAN'S STATEMENT	15
	主席寄語	

FEATURE TOPIC – “AIR DOME STADIUM” 專題解讀 – 「氣膜場館」	17
FEATURE TOPIC – “NATIONAL FITNESS” 專題解讀 – 「全民健身」	20
FEATURE TOPIC – “INNOVATIVE SPORTS” 專題解讀 – 「創新體育」	22
FEATURE TOPIC – “SPORTS TOWN” 專題解讀 – 「體育小鎮」	27
4 RESPONSIBILITY MANAGEMENT 責任管理	30
4.1 EFFECTIVE GOVERNANCE 高效管治	30
4.2 STAKEHOLDER ENGAGEMENT 利益相關方溝通	33
4.3 ANALYSIS ON ESG MATERIAL ISSUES ESG重要性議題分析	36
4.4 INTEGRITY AND COMPLIANCE OPERATION 誠信合規經營	41
4.5 ANTI-CORRUPTION 反腐倡廉	42
4.6 HONORS AWARDED 所獲榮譽	43

5	ENVIRONMENT • EMBRACE HARMONY TOGETHER 環境 • 共迎和諧	43
5.1	ENVIRONMENTAL MANAGEMENT 環境管理	44
5.2	ENVIRONMENTAL TECHNOLOGIES 環保技術	45
5.3	ENERGY SAVING AND EMISSION REDUCTION 節能減排	48
5.4	WATER CONSERVATION 珍惜用水	52
5.5	MAKING THE BEST USE OF RESOURCES 物盡其用	53
5.6	ECOLOGICAL CONSERVATION 保護生態	54
6	EMPLOYEES • PROMOTE GROWTH TOGETHER 員工 • 共促成長	57
6.1	EMPLOYMENT AND REMUNERATION 僱傭與薪酬	57
6.2	TRAINING AND DEVELOPMENT 培訓與發展	59
6.3	SAFETY AND HEALTH 安全與健康	62
6.4	CARE AND SUPPORT 關愛與幫扶	64

7	PRODUCT • CREATE VALUE TOGETHER 產品 • 共創價值	67
7.1	STRENGTHENING SUPPLY CHAIN MANAGEMENT 加強供應鏈管理	67
7.2	GUARANTEEING PRODUCT QUALITY 保障產品品質	69
7.3	PROVISION OF QUALITY SERVICES 提供優質服務	76
7.4	PROMOTING WIN-WIN COOPERATION 促進合作共贏	81
8	COMMUNITY • BUILD A BETTER ONE TOGETHER 社區 • 共建美好	85
8.1	POVERTY ALLEVIATION 扶貧關愛	85
8.2	COMMUNITY INVOLVEMENT 社區公益	88
APPENDIX 1:	AN OVERVIEW OF SUSTAINABLE DEVELOPMENT 附錄1：可持續發展綜述	92
	LIST OF POLICIES 政策列表	92
	TABLES OF KEY PERFORMANCE 關鍵績效列表	95
APPENDIX 2:	ENVIRONMENTAL, SOCIAL AND GOVERNANCE CONTENT INDEX 附錄2：環境、社會及管治內容索引	107
APPENDIX 3:	FEEDBACK 附錄3：意見反饋	114

I ABOUT THIS REPORT

This report is the third environmental, social and governance report of Beijing Sports and Entertainment Industry Group Limited ("the Group", "we", "us" or "the Company"). The reporting period is from 1 January 2018 to 31 December 2018. This report is an annual report.

This report was prepared in accordance with the Environmental, Social and Governance Reporting Guide issued by The Stock Exchange of Hong Kong Limited (the "Stock Exchange") while highlighting our own corporate and industry characteristics.

In preparation for this report, we have conducted comprehensive communication with our stakeholders by engaging an independent consultant, and determined the contents after having fully considered the opinions of all parties, and in accordance with the four key principles, namely materiality, quantitative, balance and consistency, as required by the Stock Exchange. The Group will continue to strengthen its collection of information for reporting to enhance our performance and disclosure relating to our sustainable development.

I.1 Reporting scope and period

Materials, policies, statements and data set forth in this report cover the headquarters, the subsidiaries under effective control and holding subsidiaries of the Company.

I.2 Data source and reliability declaration

The data and cases set forth in this report are mainly extracted from the statistical reports and relevant internal documents of the Company. The Company undertakes that this report does not contain any false information or misleading statement, and accepts responsibility for the contents of this report as to its authenticity, accuracy and completeness.

I 關於本報告

本報告是北京體育文化產業集團有限公司（以下稱為「北體集團」或「集團」或「我們」或「公司」）發佈的第三份環境、社會及管治報告。報告的時間範圍為2018年1月1日-2018年12月31日。本報告為年度報告。

本次報告編寫參照香港聯合交易所有限公司（聯交所）發佈的《環境、社會及管治報告指引》，同時突出北體集團的企業特點和行業特色。

在本報告編寫過程中，我們委托獨立顧問與我們的利益相關方進行了全面的溝通，在議題選擇方面充分考慮各方意見，遵循聯交所對本報告重要性、量化、平衡、一致性四大原則要求，確定了本報告的實質內容。集團將持續加強報告信息收集工作，以提高我們在可持續發展領域上的表現和披露水平。

I.1 報告範圍及邊界

本報告中的材料、政策、聲明、數據等覆蓋公司總部和下屬實際控制的子公司、控股公司。

I.2 數據來源及可靠性聲明

本報告的數據和案例主要來源於公司統計報告及內部的相關文件。公司承諾本報告不存在任何虛假記載、誤導性陳述，並對其內容真實性、準確性和完整性負責。

I ABOUT THIS REPORT (Cont'd)

I.3 Confirmation and endorsement

This report was approved by the board of directors on 24 July 2019 upon confirmation by the management.

I.4 Access and feedback to this report

The electronic version of this report is available on the official website of the Company.

If you have any questions or feedback about this report and its contents, please feel free to contact us at:

Address: Block D, Eastern Side of Road 518 of Beijing Sport
Chaoyang Sports Centre, Chaoyang District, Beijing
Tel: (8610)8556-1803
(8610)8556-9398
Fax: (8610)8556-1803-813
Email: ir@bsehk.com
Official website: <http://www.bsehk.com/c/index.php>

2. ABOUT US

Beijing Sports and Entertainment Industry Group Limited is a Main Board listed company in Hong Kong (Stock Code: 01803.HK) and a subsidiary of Beijing Enterprises Group. With its competitive advantages in industry technology, operation, content, investment and financing, government resources and international industry resources, the Group focuses on the investment and development of sports and cultural businesses in China and promotes popularization of fitness and cultural business, and took the lead to launch the "Plan for 1,000 Stadiums" and set up "1,000 Stadiums Construction Alliance" to integrate the entire industry chain platform such as investment development, construction and operation.

I 關於本報告 (續)

I.3 確認及批注

本報告經管理層確認後，於2019年7月24日獲董事會通過。

I.4 獲取及回應本報告

報告電子版可在公司官方網站內獲取。

如對本報告及其內容有任何疑問或反饋意見，歡迎通過以下方式與我們聯繫：

地址：北京朝陽區朝體中心
東側路甲518號D座
電話：(8610)8556-1803
(8610)8556-9398
傳真：(8610)8556-1803-813
電郵地址：ir@bsehk.com
官方網站：<http://www.bsehk.com/c/index.php>

2 關於我們

北京體育文化產業集團有限公司為香港主板上市公司，股票代碼01803.HK，隸屬於北京控股集團。北體集團專注於體育及文化產業的投資與發展，推動全民健身及文化事業，率先發起「千館計劃」並成立「千館建設聯盟」，整合投資開發、建設運營等全產業鏈平台，擁有行業技術優勢、運營優勢、內容優勢、投融資優勢、政府資源以及國際化的產業資源。

2. ABOUT US (Cont'd)

2.1 Our vision

"Sincerity, righteousness, wholesomeness, happiness"

The Group is committed to constructing new sports and leisure stadiums with clean air for the public and providing urban stadium construction solutions by introducing entertaining and cultural themes, particularly driving the development of ski industry and ice-themed amusement parks that enable us to lead the way in sports culture in the recreational era. Meanwhile, we focus on physical education and training in our efforts to facilitate workout and training of mind and body with fresh air for the well-being of millions of people nationwide.

2.2 Our businesses

We have five major business sectors:

1. Innovative Sports Parks

We invested in, constructed and operated air dome stadiums in cities and suburbs, offering controllable air quality, thermostatic and modulated humidity with an energy-conservation feature. Such air supported dome structures and outdoor sports facilities such as fitness trails form multifunctional and all-weather innovative indoor sports parks, from which our professional operation team introduced high standard of unified management, in addition to related projects such as sports competitions, training and rehabilitation so as to build a multifunctional all-weather innovative sports park combining indoor sports stadiums and outdoor sports facilities.

2 關於我們 (續)

2.1 我們的願景

「誠心，正意，健康，快樂」

北體集團致力於為大眾建造空氣清潔的新型運動休閒場館，提供城市場館建設解決方案。引入娛樂文化主題，佈局冰雪產業打造冰雪主題樂園，成為娛樂時代的體育文化引領者。同時著力體育教育培訓事業，讓億萬國人在清新的空氣中鍛煉體魄、強健意志、快樂身心。

2.2 我們的業務

我們擁有五大業務板塊：

1. 創新型體育公園

我們在城市內及近郊區投資建設空氣質量可控、節能環保、恆溫恆濕的氣膜體育場館，配以健身步道等多種室外體育設施，通過專業化高標準的運營團隊，導入高標準的統一管理以及觀賞類賽事、體育培訓和運動康復等相關項目。打造結合室內運動場館、室外運動設施的多功能全天候創新型體育公園。

2. ABOUT US (Cont'd)

2.2 Our businesses (Cont'd)

2. Ice-Themed Amusement Parks

The Group has laid out the ice and snow industry and created ice-theme amusement parks, becoming a sports culture leader in the entertainment era. Beijing won the bid to host the XXIV Olympic Winter Games in 2022. Focusing on the ski industry, we introduced concepts, research and development, investment, construction and operation – the ice-themed amusement parks with air dome as the core structure manifested and enriched the business model of the ski industry. We hope that the establishment of a landmark would propel an advancement of the surroundings with a new lifestyle and business concept, and further change the skyline of a city by integrating ski-related creativity, cultural themed paradise, touristic experiences and lifestyles into commercially viable operation marking the opening of a new era.

2 關於我們 (續)

2.2 我們的業務 (續)

2. 冰雪主題樂園

北體集團佈局冰雪產業，打造冰雪主題樂園，成為娛樂時代的體育文化引領者。北京獲得2022年第二十四屆冬季奧林匹克運動會舉辦權，佈局冰雪產業，引入概念、研發、投資、建設及運營，以氣膜形式為建築主體，內部實現冰雪主題樂園，豐富冰雪產業業態。我們希望通過一個地標的樹立，成就一個片區的發展，展現出一種新的生活方式、經營觀念，進而能改變一個城市的天際線，將冰雪創意、文化樂園、游人體驗及人們的生活方式組合成可運行的商業經營，並成為這個時代的記錄者。

2. ABOUT US (Cont'd)

2.2 Our businesses (Cont'd)

3. Investment and operation of Sports Training

Through investment and operation of various sports training institutes and sports-related clubs, we established a professional operation and management platform of sports stadiums encompassing sports fitness (such as football, basketball, tennis and badminton), training, recreation and parent-child interaction. The sports stadiums of the Group and contracted stadiums paved the way for quality services, including vocational training, youth training, coach training, sports tournaments and parent-child entertainment, which significantly contributed to the core competence of the sports stadiums of the Group, and ultimately, we cultivated professional management operation team specializing in social branding.

4. Operation of sports clubs

We dedicated to the operation and promotion of professional sports clubs in the sports industry, including the relevant operations of the Phoenix (Women's) Football Club and the Baseball Club under The BG Group, and the business promotion for matches, activities and public welfare programs organized by the government and business organizations.

2 關於我們 (續)

2.2 我們的業務 (續)

3. 體育培訓的投資與運營

我們通過投資與運營各類體育培訓學校及體育相關俱樂部，打造集足球、籃球、網球、羽毛球等相關運動健身、培訓、休閒娛樂、親子互動的專業化體育場館運營管理平台。從集團旗下體育場館及簽約場館導入優質的職業培訓、青少年培訓、教練員培訓、體育賽事、親子娛樂等服務出發，提高集團旗下體育場館的核心競爭力。最終向社會品牌化輸出專業的管理運營團隊。

4. 體育俱樂部的運營

我們致力於體育產業中職業運動俱樂部的運營推廣，包括北控體系下鳳凰女足和棒球俱樂部的相關運營，政府、企業機構等賽事、活動、公益等項目的運營推廣。

2. ABOUT US (Cont'd)

2.2 Our businesses (Cont'd)

5. *Development, investment and operation of media*

With appearance media (such as new stadiums) and new media services as a point of entry and gateway to investment, the Group further upgraded the operation of stadiums and built a new media platform by utilizing intelligent hardware and internet applications. We also introduced quality contents through collaboration with various media organizations, so as to provide services to new and public sports stadiums. The Group has carefully created sports brands, developed a media service platform, and utilized high-efficiency media resources to fully cover the core areas and major business districts of Beijing. It accurately targeted athletes and built an online and offline social media platform based on creativity and big data and sports venues as carrier.

2.3 Introduction of subsidiaries

The Group pursues a new sports stadium complex with health as its core to develop and operate interactive stadiums. The Group has a number of holding subsidiaries, which are located in Beijing, Shanghai, Shenzhen, Hong Kong and other places to jointly disseminate advanced sports concepts and lead the development of the sports industry. In 2018, the Group and its subsidiaries continued to promote the construction of national and regional sports venues, and created a new model of mutual integration and synergy of sports and other industries.

2 關於我們 (續)

2.2 我們的業務 (續)

5. 媒介的開發投資與運營

北體集團以新型場館等的外觀媒介及新媒體服務為投資切入點，進一步打通場館運營、運用智能硬件及互聯網應用服務打造新媒體平台。並聯合各大媒體機構導入高品質內容，服務於新型及大眾體育場館。北體集團精心打造體育品牌，開發傳媒服務平台，利用高效媒介資源，全面覆蓋首都核心區域及重點商圈，精準針對運動人群，打造以創意、大數據為依托，以體育運動場館為載體的線上線下社交媒體平台。

2.3 旗下公司介紹

北體集團追求以健康為核心的新型運動場館綜合體，開發和運營互動的體育場館。集團旗下有多家控股子公司，分別佈局於北京、上海、深圳、香港等地，共同傳播先進的體育理念，引領體育行業發展。2018年，北體集團攜手旗下子公司持續推進全國及區域體育場館的建設，開創體育與其他產業互相融合、協同發展的新模式。

2. ABOUT US (Cont'd)

2.3 Introduction of subsidiaries (Cont'd)

MetaSpace Air Dome

The subsidiary of the Group MetaSpace (Beijing) Air Dome Corp. ("MetaSpace Air Dome") is the world's leading integrated service provider of membrane structure technology application solutions. As a leading company in air dome industry in the PRC, MetaSpace Air Dome is committed to promoting green and environmental-friendly air dome building, showing a new life experience and leading the development of air dome industry of the PRC. MetaSpace Air Dome was honored the "Climate Solvers" by World Wildlife Fund (WWF) in 2014.

Zhong Hu Yuedong

Zhong Hu Yuedong Culture Media (Beijing) Limited ("Zhong Hu Yuedong"), a holding subsidiary of the Group, is a sports scene customized media service platform taking sports media scene, media resource integration, operation and brand management as its core, integrating print, digital, online, service terminals and other media forms and based on creative big data. It is a professional investment company engaged in national fitness sports programs.

2 關於我們 (續)

2.3 旗下公司介紹 (續)

約頓氣膜

北京約頓氣膜建築技術股份有限公司(以下簡稱「約頓氣膜」),是北體集團旗下控股子公司,是全球領先的膜結構技術應用解決方案綜合服務商。作為中國氣膜行業的領軍企業,約頓氣膜致力於推廣綠色環保的氣膜建築,展示全新的生活體驗,引領著中國氣膜行業的發展。約頓氣膜在2014年被WWF世界自然基金會授予「氣候創行者」榮譽稱號。

中互悅動

中互悅動文化傳媒(北京)有限公司(以下簡稱「中互悅動」),是北體集團旗下控股子公司,是以體育運動場景、媒介資源整合、運營、品牌管理為核心,集平面、數字、線上、服務終端等多種媒介形態展現,以創意大數據為依托的體育運動場景定制化傳媒服務平台,是從事全民健身體育運動項目的專業性投資公司。

2. ABOUT US (Cont'd)

2.4 Chronicle of events in 2018

1. *Cooperation from all corners – Help with sports industry of the PRC*

At the four-party strategic cooperation signing ceremony held together with Beijing Sports Technology (北體科技), China National Technology Group (中技集團) and MetaSpace Air Dome in January 2018, the Group officially launched a “sample mode” of sports town covering design planning, construction, IP and resource introduction and operation by taking full advantages of all parties, cooperating to provide a one-stop and standardized solution for difficulties in the current construction planning of sports towns.

2. *“1,000 stadiums alliance” (千館聯盟) – Build national fitness business*

The launching ceremony of “1,000 Stadiums Alliance” was held in May 2018 at the National Exhibition and Convention Center in Shanghai. “1,000 Stadiums Alliance” is the key response of the Group to the “2030 Healthy China” national strategy and the “Six-Side Engineering (六個身邊)” demonstration venues for the national fitness. After its establishment, “1,000 Stadiums Alliance” will focus on national fitness and national health and the construction of an innovative, standardized, intelligent and humanized national fitness center with novel air dome stadiums as its core, to realize the sustainable development of the alliance enterprise.

2 關於我們 (續)

2.4 2018年度大事記

1. 四方合作·助力中國體育產業

2018年1月，北體集團攜手北體科技、中技集團和約頓氣膜舉行了四方戰略合作簽約儀式，充分發揮各方優勢，正式推出涵蓋設計規劃、建設、IP及資源導入、運營等多方面的體育小鎮「樣板模式」，針對目前體育小鎮建設規劃的難點問題，合作提供一站式、標準化的解決方案。

2. 千館聯盟·建設全民健身事業

2018年5月，「千館聯盟」啟動儀式在上海國家會展中心舉行。「千館聯盟」是北體集團對「2030健康中國」國家戰略、落地全民健身「六個身邊」工程示範場館的關鍵響應，成立後的「千館聯盟」將圍繞全民健身、全民健康，以新型氣膜場館為核心，建設創新型、標準化、智慧化、人性化的全民健身中心，實現聯盟企業的可持續發展。

2. ABOUT US (Cont'd)

2.4 Chronicle of events in 2018 (Cont'd)

3. *Smart internet – Accelerate sports consumption upgrades*

The Group signed a strategic cooperation with Wisdom Sports in July 2018 for co-investment in the establishment of Wisdom Sports Arena Operation (Shenzhen) Co., Ltd.. It was committed to the comprehensive venue layout and operation in the first-tier cities in China, achieving seamless integration of capital and brand, opening up the upstream and downstream of the national health industry chain and accelerating the transformation and upgrading of sports consumption through complementary advantages and resource integration with the help of technologies such as big data.

4. *Hand-in-hand with National Olympic Sports Center • Promote development of intangible assets*

Zhong Hu Yuedong, a subsidiary of the Group, reached a cooperation agreement with National Olympic Sports Center in July 2018, pursuant to which, Zhong Hu Yuedong will fully serve the intangible assets development plan of National Olympic Sports Center. In the future, the parties will jointly promote the market promotion of the intangible assets development of stadiums and create new ideas and new models for the operation of venues in the industry.

2 關於我們 (續)

2.4 2018年度大事記 (續)

3. 智能互聯·加速體育消費升級

2018年7月，北體集團和智美體育啟動戰略合作，共同投資成立智美體育場館運營(深圳)有限公司，致力於在國內一線城市進行綜合性場館佈局和運營，並通過優勢互補和資源整合，借助大數據等技術，實現資本與品牌方面的無縫對接，打通全民健康產業鏈上下游，加速體育消費轉型升級。

4. 攜手奧體·推動無形資產開發

2018年7月，北體集團旗下子公司中互悅動與國家奧林匹克體育中心達成合作協議，中互悅動將全面服務奧體中心無形資產開發規劃，未來雙方將共同推動體育場館無形資產開發市場化發展，也將為業內開創場館運營的新思路和新模式。

2. ABOUT US (Cont'd)

2.4 Chronicle of events in 2018 (Cont'd)

5. Industry integration – Car racing competition

The International Forest Car Crossing Contest, “Chinese version Rubicon Trail – Yanlu • Griddhakuta Hill International Forest Car Crossing Contest (岩路•靈鷲山國際森林汽車穿越大賽)” hosted by the Group was held in Quzhou City in August 2018. In the future, the Group will continue to integrate the development of automotive culture industry with sports, tourism and other industries with Beijing Yanlu Company* (北京岩路公司) on the basis of strengthening the operation of events, and establish in China and Asia the first car sports culture resort that meets the needs of car-crossing enthusiasts, delivers stable and high yield and is comparable to the US Rubicon.

2 關於我們 (續)

2.4 2018年度大事記 (續)

5. 產業融合·開展汽車穿越大賽

2018年8月，北體集團主辦的「中國版盧比肯路」「岩路•靈鷲山國際森林汽車穿越大賽」國際森林汽車穿越大賽在衢州市舉行。未來，北體集團將繼續與北京岩路公司在加強賽事運營的基礎上，融合汽車文化產業發展、體育、旅遊等產業，在柯城區建立起中國首個汽車產業基地，打造中國及亞洲首家滿足汽車越野愛好者需求、能夠帶來穩定高收益、可與美國盧比肯媲美的汽車體育文化勝地。

3 CHAIRMAN'S STATEMENT

In 2018, as one of the leading companies in the development of sports and culture of the new era, the Group thoroughly implemented the guiding principles set in the 19th National Congress of the CPC and actively responded to the planning outline under "Healthy China 2030". By always adhering to the values of "sincerity, righteousness, health and happiness", we full-heartedly focused on serving the national fitness and sports culture, striving for creating a safe, comfortable and healthy sports environment for hundreds of millions of people, and working together with all stakeholders to achieve corporate economic value while constantly pursuing the maximization of the overall value of the economy, society and the environment to safeguard the health of the whole nation and the development of the Chinese sports.

We continued to promote the vigorous development of sports with better venues and better services. We continued to promote "Plan for 1,000 Stadiums" nationwide, and launched the regional "Plan for 100 Stadiums" to speed up the construction of the ice and snow sports project and proposed the concept of "15-minute fitness circle" to help the implementation of the "National Fitness" program. At the same time, we actively promoted cross-border integration and exchange, promoted cooperation between sports and tourism, media, aerospace and other industries and innovated the operation mode of the industrial chain to promote the comprehensive transformation and upgrading of the industry.

3 主席寄語

2018年，作為新時代體育文化事業發展的領航者之一，北體集團深入貫徹「十九大」精神，積極響應「健康中國2030」規劃綱要，始終秉承「誠心、正意、健康、快樂」的價值觀，全身心專注於服務全民健身及體育文化事業，致力於為億萬國人創造安全、舒適、健康的體育運動環境，攜手各利益相關方在實現企業經濟價值的同時，不斷追求經濟、社會、環境整體價值最大化，為全民健康與中國體育事業的發展保駕護航。

我們不斷以更完善的場館、更好的服務，促進體育事業的蓬勃發展，在全國範圍內持續推進「千館計劃」，並啟動區域範圍「百館計劃」，加快冰雪運動項目的建設，提出「15分鐘健身圈」概念，助力「全民健身」計劃的落地實施。同時，我們積極促進跨界融合與交流，推進體育與旅遊、媒介、航天等行業的合作，創新產業鏈運營模式，促進行業全面轉型升級。

3 CHAIRMAN'S STATEMENT (Cont'd)

As a practitioner of sustainable development, we always adhere to the green low-carbon development strategy and integrate it into corporate operations and project construction. We keep in mind the innovative mission, constantly research and develop the new technology of "air dome stadium", and build the largest air dome sports complex in Inner Mongolia Autonomous Region of China. While constructing a scientific and comfortable sports venue, we will contribute to the building of clear water and green mountains. Within the Group, we actively promote the green office concept, work together with employees to promote energy saving and emission reduction, to minimize the adverse impact of business operations on the environment and achieve green operations. At the same time, we know that the development and growth of the enterprise cannot be separated from the hard work and dedication of every employee. We uphold the people-oriented approach, provide the employees with a broad platform for vocational development and perfect training mechanism to help them enhance personal competitiveness and achieve the sustainable development of individuals and the Group.

Looking ahead into 2019, we will face the challenges with a more positive attitude, make joint efforts to forge ahead and continue to promote the integration of social responsibility and corporate culture to achieve our sustainable development. We will respond to the national and social needs of the sports industry in a timely manner starting from national strategies; create professional and comfortable sports stadiums starting from meeting the needs of the whole people to realize the diversification and refinement of the national fitness in terms of both quantity and quality of fitness venues; and strengthen the innovation and integration of the sports industry and other industries starting from promoting the upgrading of the industry to realize the structural reform of the supply side of the sports industry. In the future, the Group will listen more carefully to the voices of all stakeholders, continuously improve its ability to create value, and give back to society with gratitude.

3 主席寄語 (續)

作為可持續發展的踐行者，我們始終堅持綠色低碳發展戰略，並將其融入到企業運營與項目建設中。我們牢記創新使命，不斷研發「氣膜場館」新技術，在內蒙古自治區建成國內最大的氣膜體育運動綜合體。在打造科學、舒適運動場館的同時，為建設綠水青山貢獻企業力量。我們在集團內部，積極倡導綠色辦公理念，攜手員工共同促進節能減排，最大程度地降低企業運營對環境造成的不利影響，實現綠色運營。同時，我們深知企業的發展與成長離不開每一位員工的辛勤工作與汗水，秉持以人為本、人才強企戰略，為員工提供廣闊的職業發展平台與完善的培訓機制，幫助員工增強個人競爭力，實現個人與公司的可持續發展。

展望2019年，我們將以更加積極的態度迎接挑戰，凝心聚氣，砥礪前行，持續推動社會責任與企業文化的統一融合，實現企業可持續發展。我們將從服務國家戰略出發，及時響應國家和社會對於體育事業的需求。從滿足全民需求出發，打造專業、舒適的體育場館，實現健身場地的存量和增量上滿足全民健身多元化精細化。從促進行業升級出發，加強體育行業與其他產業的創新融合，實現體育產業供給側的結構改革。未來，北體集團會更加認真傾聽來自各利益相關方的聲音，不斷提升公司創造價值的能力，用感恩之心回饋社會。

FEATURE TOPIC –“AIR DOME STADIUM”

Air dome stadium occupies less resources and is uneasy restricted by venue, energy-saving and low in operation and maintenance cost. It is an ideal choice for the sustainable development of stadiums at this stage. Compared with conventional stadiums, air dome stadium has become “stadium that can filter PM2.5” with its special structure. A high-tech air filtration system is used in a confined space to prevent the polluted air outside from entering the interior of the air dome stadium through doors, windows and gaps. Even in the northern winter where the pollution is serious, the measured PM2.5 in the stadium can maintain a satisfactory level. Air dome stadium is also suitable for use in highland areas, as high oxygen content in the stadium can be ensured through its inflator that maintains internal pressure. At the stage, air dome stadium not only quickly popularize the national fitness stadiums in anticipation, meet the needs of the public for the stadiums, but also meet the requirements of safety, energy conservation and environmental protection of the construction industry. It is a sports construction venue highly praised by the General Administration of Sports of China.

The Group focused on construction of air dome stadiums

The Group continued to promote the environmental protection concept of air dome stadiums and led the development of innovative structures. With its four unique features of “high space utilization, ultra-short construction period, simple maintenance and operation, safety, environmental-friendly and energy saving”, the Group can build stadiums for different purposes with the combination of regional characteristics and needs. At present, the air dome stadiums of the Group are not only used in sports and leisure, but also in cultural tourism, commercial properties, logistics and warehousing and plateau oxygen-enriched assembly applications. The construction of air dome stadiums of the Group has always been aimed at creating a better sports space and providing one-stop standardized services for the masses.

專題解讀-「氣膜場館」

氣膜體育場館佔用資源少、受場地限制小，並且節能省耗、運營和維修成本低，是現階段體育場館可持續發展的理想選擇。和傳統體育場館相比，氣膜體育館憑藉其特殊的結構性，成為「能過濾PM2.5的體育館」。氣膜場館通過在密閉空間採用高科技空氣過濾系統，確保阻隔外面的污染空氣通過門窗和縫隙進入氣膜體育館內部。即使是污染比較嚴重的北方冬天，實測的館內PM2.5也可以維持較好水平。氣膜體育館也適用於高原地區，通過其維持內壓的充氣裝置，確保場館內維持較高的含氧量。氣膜場館是現階段既能在預期內實現全民健身體育場館的快速普及，滿足社會群眾對體育場館的需求，又符合建築產業的安全與節能環保，是國家體育總局大力推崇的體育建築場館。

北體集團專注氣膜場館建設

北體集團的氣膜場館持續推廣環保理念，引領創新型建築的發展，以其獨有的「空間利用率高、建設周期超短、維護運營簡單、安全環保節能」四個產品特點，結合區域的特點及需求，可建設成為不同使用目的的場館。目前，北體集團氣膜場館不僅運用在體育和休閒中，還拓展運用到文化旅遊、商業地產、物流倉儲、高原富氧裝配應用中。北體集團的氣膜場館建設始終以創造更好的運動空間為目標，為群眾提供一站式標準化服務。

FEATURE TOPIC – “AIR DOME STADIUM” (Cont’d)

Four features of “air dome stadiums”

- * High space utilization:
High-quality construction fiber membrane and air-bearing membrane structure without any frame or beam and column inside;
- * Ultra-short construction period:
The building materials are pre-fabricated by the factory; the on-site installation takes only one day, the operation is simple, no construction waste will be generated, and no damage to the environment;
- * Simple maintenance and operation:
Low cost, intelligent control and simple maintenance, each air dome is equipped with a smart management system, which can be monitored remotely by mobile phones to keep track of the operation status of the venue and ensure the safety of the project;
- * Safety, environmental-friendly and energy saving:
Due to the materials of the air dome, the air dome stadium has the characteristics of constant temperature and humidity, wind resistance, snow resistance, flame retardant, waterproof, rust prevention, corrosion resistance, shock resistance, insect resistance, heat resistance and cold resistance, which make optimal internal environment for sports.

專題解讀-「氣膜場館」(續)

「氣膜場館」的四大特色

- * 空間利用率高：
採用優質的建築纖維膜材，採用氣承式膜結構，內部無任何框架或樑柱；
- * 建設周期超短：
建築材料由工廠預製，現場安裝僅需一天，操作簡單，不產生建築垃圾，不破壞環境；
- * 維護運營簡單：
運用成本低、智能化控制、維護簡單，每座氣膜都配一套智能管理系統，可用手機遠程監控，隨時瞭解場館運行狀態，保障項目安全；
- * 安全環保節能：
由於氣膜材質，氣膜場館擁有恆溫恆濕的建築特點，具有抗風、抗雪、阻燃、防水、防銹、防腐、防震、防蟲、耐熱、耐寒的特性，使內部環境達到最佳的運動條件。

CASE
案例

The Group has built the largest air dome sports complex in China
北體集團建成國內最大的氣膜體育運動綜合體

The air dome football training center of Jinshan Campus of Inner Mongolia Medical University, which is built by MetaSpace Air Dome, covers an area of 20,000 square meters and is currently the largest air dome sports complex in China. From the function point of view, the complex is like a “treasure box”, covering a standard football field, 400-meter runway and grandstand, venues for tennis, badminton, table tennis, long jump, high jump and shot put. The maximum height of the stadium is 36 meters, which fully meets the needs of all kinds of large-scale sports and has become a city landmark with comprehensive strength in Inner Mongolia Autonomous Region. The air dome football training center will use glare-free lighting and an air purification system to keep athletes away from the fog and PM2.5 during training. The air dome structures can also solve the climate issues of low temperature and strong sandy wind in the autumn and winter seasons of the grassland, providing a good training environment for athletes.

由北體集團約頓氣膜承建的內蒙古醫科大學金山校區氣膜足球訓練中心佔地兩萬平方米，是目前國內最大的氣膜體育運動綜合體。從功能來看，氣膜館如同「百寶箱」，涵蓋一片標準足球場地、四百米跑道及看台、網球、羽毛球、乒乓球、跳遠、跳高、鉛球專用場地。氣膜館最大高度達到36米，空間完全滿足各類大型運動的需要，成為內蒙古自治區一座極具綜合實力的城市地標。氣膜足球訓練中心內部將採用無眩光照明以及空氣淨化系統，讓運動員在訓練時與霧霾隔離開，遠離PM2.5。氣膜建築還能解決草原地區秋冬季節氣溫較低、風沙較大的氣候問題，為運動員提供良好的訓練環境。



Air Dome Stadium
氣膜場館

FEATURE TOPIC – “NATIONAL FITNESS”

With the vigorous implementation of the “National Fitness Program Outline” by the State Council, the national fitness awareness has gradually increased, and the number of people participating in the movement has increased, which has promoted the development of the national fitness. However, there are still problems to be solved urgently, such as inadequate sports venues and facilities, imperfect distribution structure of sports venues and lack of professional sports guidance. The Group actively responded to the national policies such as “13th Five-Year Plan for Sports Development” and “National Fitness Program of the State Council (2016-2020)”, and regarded the concept of “Six-Side Engineering” demonstration venues for national fitness as a vision of the Group for development, for the creation of a national fitness venue, the proposed setup of a 15-minute fitness circle, and endeavor to solve the problems that currently hinder the development of the national fitness, enhance sense of happiness and make city life better.

The Group further promoted “Plan for 1,000 Stadiums”

The Group first proposed the “Plan for 1,000 Stadiums” at the 2017 Sports Expo, and in 2018, the concept was upgraded and the layout of the plan was continuously expanded. At present, the “Plan for 100 Stadiums” covers Guangdong and Jiangxi, and the full coverage of the national fitness stadiums in Kecheng District, Quzhou and Hainan is underway. In the next 3 to 5 years, the “Plan for 100 Stadiums” which 100 new stadiums with air dome construction as the main carrier will be built in Guangdong Province by investment and construction. The Group actively integrated the advantages of upstream and downstream resources, such as continuously promoting “Internet +” in the operation of venues with consideration of regional economic development, applying big data to promote the intelligent construction of venues, adding physique tests and other functions, to enable the public to care their own physical changes while exercising and form their own unique fitness system.

專題解讀—「全民健身」

隨著國務院《全民健身計劃綱要》的大力推行，全民健身意思逐漸增強，參與運動的人數日益增多，推動了全民健身事業的發展。但我國目前仍存在體育鍛煉場館和設施不足、體育場館分佈結構不完善、缺乏專業體育指導等極待解決的問題。北體集團積極響應《體育發展「十三五」規劃》《國務院全民健身計劃（2016-2020）》等國家政策，把規劃中全民健身「六個身邊工程」示範場館的理念作為集團發展的願景，致力於全民健身場館的打造，計劃建設15分鐘健身圈，努力解決目前阻礙全民健身發展的問題，提升運動幸福感，讓城市生活更美好。

北體集團持續推進「千館計劃」

北體集團在2017年體博會中首次提出「千館計劃」，並在2018年進行了理念升級，不斷擴充千館版圖。目前，廣東、江西「百館計劃」響應落地，衢州市柯城區、海南等地全民健身體育場館全覆蓋項目正在進行。廣東省「百館計劃」將在未來3-5年時間裏，以投資建設的方式在全省範圍內打造100個以氣膜建築為主要載體的新型體育場館。北體集團積極整合上下游資源優勢，結合區域經濟發展情況，並在場館運營中不斷進行「互聯網+」的滲透，應用大數據推動場館智能化的建設，增加體質體測等功能，讓公眾在運動健身的同時關注自己身體的變化，形成自己獨有的健身體系。

CASE
案例

The Group launched the full coverage project of National Fitness Stadium in Quzhou City
北體集團開展衢州市全民健身體育場館全覆蓋項目

In the full coverage project of National Fitness Stadium in Kecheng District, Quzhou City, the Group will integrate the advantages of upstream and downstream resources, and is committed to investing in the construction of a national fitness stadium with air-supporting dome as the main carrier in Kecheng District, Quzhou City, Zhejiang Province. Urban municipal planning and infrastructure construction will be incorporated to build idle and scattered land in the city and temporary and scattered spaces such as public green spaces and roofs in parks, cities and communities as a “national fitness space” fully open to the national fitness and community residents integrating national fitness, sports health monitoring, professional fitness guidance and community sports activities in accordance with the “Healthy China 2030 Planning Outline” and the planning goal of Quzhou City, Zhejiang Province for the national fitness.

在衢州市柯城區全民健身體育場館全覆蓋項目中，北體集團將整合上下游資源優勢，致力於在浙江省衢州市柯城區內，投資建設以氣膜形式為主要載體的全民健身體育場館，深度融入城市市政規劃和基礎設施建設，將城市閑置、零散土地，以及公園、城市和社區的部分公共綠地、樓頂等臨時和零散空間，按照《健康中國2030規劃綱要》和浙江省、衢州市對於全民健身的規劃目標，建設成為全民健身、體育健康數據監測、專業健身指導、社區群眾體育活動平台為一體的，充分面向全民健身和社區居民的「全民健身空間」。



Promotion Meeting Site of Full Coverage Project of National Fitness Stadium
全民健身體育場館全覆蓋項目推進會現場

FEATURE TOPIC – “INNOVATIVE SPORTS”

Innovative sports has entered the golden period of development. The integration of “sports + other industries” has brought new opportunities for the sports industry and continuously promoted the steady development of China's sports industry. The combination of sports and tourism is booming, and various regions are actively developing sports tourism and creating brand routes for sports tourism. The e-commerce giant entered the sports field and realized the mode of “operating stadiums by virtue of commerce”. The integration of sports and cultural industries has become a high-quality urban cultural marketing carrier, greatly improving the core competitiveness of cities. The Group keeps pace with the trend of the times and the pace of technological development, attaches importance to cross-border cooperation and exchanges, creates distinctive innovative sports, and enhances sports influence through industrial cooperation.

The Group actively creates innovative sports modes

“Aerospace + Sports” new mode

Zhong Hu Dingfeng, a subsidiary of the Group, entered into a formal strategic cooperation agreement with Beijing Tianzhou Technology Co., Ltd.* (北京天舟科技有限公司), which formed a close and comprehensive cooperation by taking aviation-themed characteristic town planning as an opportunity and starting from industry, publicity, supporting services and sports business cooperation, and opened up a “Aerospace + Sports” innovative mode, to jointly promote the characteristic town, innovative air dome stadium and sports park projects.

專題解讀—「創新體育」

創新體育已步入黃金發展期，「體育+其他產業」的融合發展為體育產業帶來新契機，不斷推動我國體育產業穩步蓬勃發展。體育與旅遊業的結合蓬勃興起，各區域積極發展體育旅遊業，打造體育旅遊的品牌線路。電商巨頭進入體育領域，實現「以商養館」的模式。體育與文化產業的融合，成為了優質的城市文化營銷載體，極大提高了城市的核心競爭力。北體集團緊跟時代趨勢和科技發展步伐，重視跨界合作交流，打造特色創新體育，通過產業合作提升體育影響力。

北體集團積極打造創新體育模式

「航天+體育」新模式

北體集團旗下子公司中互鼎烽與北京天舟科技有限公司正式達成戰略合作協議，以航天主題特色小鎮規劃為契機，將從產業、宣傳、配套服務、體育商務合作著手，形成緊密全面的合作，開拓「航天+體育」的創新模式，共同推廣特色小鎮、創新型氣膜體育場館及體育公園項目。

CASE
案例

Create aerospace-themed stadium to realize the “Aerospace + Sports” innovative mode
打造航天主題館，實現「航天+體育」創新模式

In 2018, Zhong Hu Dingfeng, a subsidiary of the Group, entered into a formal strategic cooperation agreement with Beijing Tianzhou Technology Co., Ltd.* (北京天舟科技有限公司) and jointly explored an innovative mode of “Aerospace+Sports” by taking the aerospace-themed town planning as an opportunity, and created a unique novel aerospace-themed venue and characteristic town by combining the advantages of top-level planning and design of the Group with the technological transformation ability of Tianzhou Technology, taking the lead in occupying the construction policy and superimposing new “highlands”, providing a platform for the innovative development of the industry and promoting characteristic towns, innovative air dome stadiums and sports park projects.

2018年，本集團旗下子公司中互鼎烽與北京天舟科技有限公司正式達成戰略合作協議，以航天主題特色小鎮規劃為契機，共同開拓「航天+體育」的創新模式，將北體集團頂層規劃設計的優勢和天舟科技的技術轉化能力結合，打造出獨具特色的新型航天主題場館群和特色小鎮，率先佔領構建政策疊加新「高地」，為產業的創新性發展提供平台，共同推廣特色小鎮、創新型氣膜體育場館及體育公園項目。



Photos of Aerospace – Themed Stadium
航天主題館圖

“Sports + Big Data” new mode

The Group’s main development objective is to build a stadium with air dome as its carrier, and strive to form a complementary relationship between ICT solutions and equipment supply for intelligent stadium construction. Further cooperation centered on BIM applications, venue wireless WiFi coverage, venue IoT applications sports big data and private clouds will be carried out to create a super sensation stadium and realize the construction of intelligent stadiums. In 2018, the Group reached a strategic cooperation with Unisplendour Corporation Limited, and the two sides will build cooperation in the entire industry chain of the venue construction from the construction of the venue to the application of big data to the training of talents in the venue, and a new venue construction system based on big data will be formed. The unique resource advantages and technological advantages of Unisplendour in the field of big data will bring new inspiration and kinetic energy to the construction of intelligent stadiums.

「體育+大數據」新模式

北體集團以氣膜為載體的場館建設為主要發展目標，著力形成智能化場館建設ICT解決方案及設備供應的互補關係，並重點圍繞BIM應用、場館無線WiFi覆蓋、場館物聯網應用、體育大數據、私有雲等展開進一步合作，以期打造超感體育場館，實現場館建設更加智能。2018年，北體集團與紫光股份有限公司形成戰略合作，雙方將打造場館建設全產業鏈的合作，從場館建設到大數據的應用再到場館人才培養，形成以大數據為依托的新型場館建設體系，紫光股份在大數據等領域得天獨厚的資源優勢與技術優勢將為智能場館建設帶來新的靈感與動能。

CASE
案例

“Litie No.8 Football Park” built by the Group became a landmark in Shenyang
北體集團建設的「李鐵8號足球公園」成為瀋陽地標

Litie No. 8 Football Park built by the Group has become a new urban sports landmark in Shenyang. The new sports complex consisting of three white air dome pavilions is like a bright pearl embedded in the bank of the Hunhe River. The park has a gross floor area of more than 16,000 square meters, including the first domestic indoor standard football field of air dome structure and an area of over 9,000 square meters built by MetaSpace Air Dome, a subsidiary of the Group, two air dome comprehensive sports halls and five outdoor football fields and related supporting facilities. It was honored the highest level of two-star certified indoor professional football stadium by FIFA.

在瀋陽，由北體集團建造的李鐵8號足球公園已經成為瀋陽嶄新的城市體育坐標，由三座潔白的氣膜館組成的新體育綜合體猶如一顆璀璨的明珠鑲嵌在渾河岸邊。公園的建築面積達到了16,000多平方米，由北體集團約頓氣膜承建、包括國內首座氣膜結構室內標準足球場面積9,000多平方米，兩座氣膜綜合運動館以及5塊室外足球場和相關配套設施，並獲得國際足聯最高級別的二星認證的室內專業足球場。

“Sports + Ski” new mode

The Group has been committed to promoting ski sports for a long time. In the context of the opportunity of Beijing Winter Olympics in 2022, the Group established the layout for ski industry to build and operate parks designed for ice and snow sports and entertainments nationwide and promote sports in schools, parks and shopping malls and other life scene to meet the needs of the public for ski sports, bringing new business growth points to the ski economy. With its nation's top sports planning and design resources, the Group has acquired the leading enterprises in national air dome structure and top ski manufacturers, and has gradually formed a unique sports industry in China. The industrial chain structure covers the ski sports facilities nationwide.

「體育+冰雪」新模式

北體集團長期致力於開展冰雪運動的宣傳推廣，緊抓2022年北京冬奧會的契機，佈局冰雪產業，計劃在全國範圍內建設、運營冰雪樂園，推動冰雪運動進校園、公園、商場等不同生活場景中，滿足公眾就近就便開展冰雪運動的需求，為冰雪經濟帶來新的業務增長點。北體集團擁有全國頂尖的體育類規劃、設計資源，併購全國氣膜建設的龍頭企業和全國頂級的冰雪製造商，逐漸形成了國內獨一無二的大體育產業全，產業鏈格局建設覆蓋全國的冰雪運動設施。

CASE
案例

The Group and Hongyi Group reached a strategic cooperation to promote development of ski industry
北體集團與宏義集團達成戰略合作促進冰雪產業發展

In March 2018, the Group held a strategic cooperation signing ceremony with Hongyi Industrial Group Co., Ltd.* (宏義實業集團有限公司) to create a new mode of combining industry and finance between ski industry and financial innovation and two-wheel drive. In the early stage of cooperation, Tianjin Ski Project and Chengdu land use planning, investment, construction and operation will be used as pilot projects. The Group will leverage its core competitive advantages in the sports industry to provide brands, resources and technologies in sports culture and be responsible for the operation and management of the venues; Hongyi Group will give full play to its advantages in property development, cultural tourism industry and financial investment, with a focus on Sichuan and Chongqing regions, actively acquire the land needed for stadium construction and commercial development nationwide, and be responsible for the financing of project development and construction. In addition to this cooperation, the Group and Hongyi Group will continue to develop, invest, build and operate around innovative sports parks and novel venues in the future, and reach further cooperation on segment sports areas including sports training, sports clubs, sports media and other sports industries.

2018年3月，北體集團與宏義實業集團有限公司舉行戰略合作簽約儀式，開創冰雪產業與金融創新的產融結合、雙輪驅動的新模式。合作前期將以天津冰雪項目及成都的用地規劃、投資、建設及運營作為試點項目進行合作。北體集團將利用其在體育產業領域的核心競爭優勢，提供在體育文化方面的品牌、資源、技術並負責場館的運營管理；宏義集團將充分發揮其在地產開發、文化旅遊產業、金融投資等方面的優勢，以四川、重慶區域為重點，積極在全國範圍內獲取場館建設以及商業開發所需的土地，並負責項目開發建設的融資事宜。北體集團與宏義集團在本次合作之外，未來雙方還將繼續圍繞創新型體育公園以及新型場館項目，進行開發、投資、建設與運營，並將體育培訓、體育俱樂部、體育媒介等體育產業細分領域，達成進一步合作。



The Group cooperates with Hongyi Group to promote development of ski industry
北體集團與宏義集團合作促進冰雪產業發展

CASE
案例Signing Ceremony of Ice and Snow City Project of the Group in Fuzhou (Lianjiang)
福州(連江)北體冰雪城項目簽約儀式

In April 2018, the signing ceremony of Ice and Snow City Project of the Group in Fuzhou (Lianjiang) officially launched. The Group actively implemented the national policy of “North-to-south ice diversion” to accelerate the development of the ski sports industry and promote supply-side reforms. The influencing geographical, temperature and precipitation factors in southern China were overcome by taking the ice and snow city project of the Group in Lianjiang as the entry point. It is invested in the construction of a park designed for ice and snow sports to meet the needs of residents of southern cities.

The Ice and Snow City Project of the Group in Fuzhou (Lianjiang) is located in the north of Tonggang Avenue (Mupu Village) of Lianjiang Economic Development Zone. It covers an area of about 220 mu and a total GFA of about 320,000 square meters. The total GFA of the industrial sector is about 90,000 square meters, with a total investment of about RMB1.5 billion, for the construction of a large ice and snow sports and cultural city themed indoor skiing, park designed for ice and snow sports, on-ice performance and commercial districts; and the total GFA of the supporting development sector is about 230,000 square meters with a total investment of about RMB2.5 billion. The industrial sector is expected to deliver the project as a whole in December 2021 and officially put into operation in July 2020.

2018年4月，北京體育福州(連江)北體冰雪城項目正式簽約儀式。北體集團積極落實國家「北冰南移」政策，加快冰雪運動產業發展，推動供給側改革，克服華南區域地理、氣溫、降水等方面的影響因素，以連江北體冰雪城項目為切入點，投建運營冰雪樂園，滿足南方城市居民參與冰雪運動的需求。

福州(連江)北體冰雪城項目位於連江經濟開發區通港大道(幕浦村段)北，佔地面積約220畝，總建築面積約32萬平方米。其中產業板塊總建築面積約9萬平方米，總投資額約人民幣15億元，建設以室內滑雪、冰雪樂園、冰上演藝和風情商業街區為主題的大型冰雪體育文化城；配套開發板塊總建築面積約23萬平方米，總投資額約人民幣25億元。產業板塊預計於2021年12月份項目整體交付，2020年7月份正式投入運營。



Signing Ceremony of Ice and Snow City Project of the Group in Fuzhou (Lianjiang)
福州(連江)北體冰雪城項目簽約

FEATURE TOPIC – “SPORTS TOWN”

The Group steadily promotes the construction of unique towns and distinctive theme parks, and attaches importance to top-level planning. Its main industry must meet one of the “7+1” principles, namely information economy, environmental protection, health, tourism, fashion, finance and high-end equipment manufacturing + historical classic industry, for close integration of sports, tourism and education with production, life and ecology.

專題解讀-「體育小鎮」

北體集團穩步推進特色小鎮和特色主題公園的建設，重視頂層規劃，主打產業必須滿足「7+1」原則，即信息經濟、環保、健康、旅遊、時尚、金融和高端設備製造+歷史經典產業的產業基本要素中的一個，將體育、旅遊、教育三位一體，生產、生活、生態緊密結合。

CASE 案例

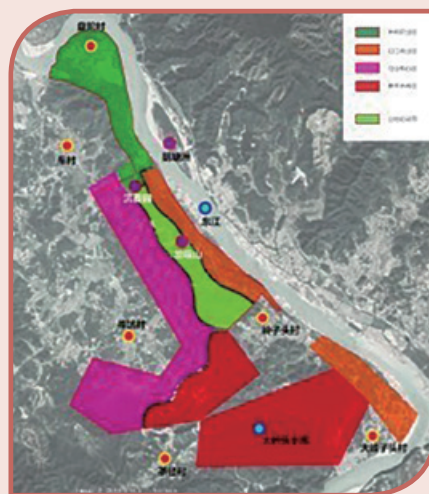
The Group plans to build unique town featuring international horse racing industry in Huizhou 北體集團規劃建設惠州國際賽馬產業特色小鎮

The Group plans to build a unique town featuring horse racing industry and with a total area of 10 square kilometers and a core industrial area of 5 square kilometers in Huizhou City, focusing on the construction of 10 sports projects and 17 supporting projects. The water resources of Dongjiang will be used to layout a whole industry chain format of the “four districts and one belt” with the horse racing industry as the main body, which will promote the upgrading of industrial institutions in the surrounding villages, bring a lot of employment opportunities and promote local economic development.

The Group plans to put the core industry of the town into the western part of the town, and creates sports such as stallion breeding, sports events, sports training, sports clubs and sports culture. The eastern part of the town is a supporting functional service area to address the needs of tourists for food, accommodation, purchase and entertainment. In the middle of the town, there are three major projects, the Peak Trail, the Riding Trail and the Extreme Sports Performing Arts Square, which provide visitors with leisure sports options. The northern part of the town relies on abundant agricultural resources to provide tourists with agricultural science, picking, education and other services. In addition, a recreation area is intended to be built in the south.

北體集團規劃在惠州市打造總面積為10平方公里、核心產業面積為5平方公里的賽馬產業特色小鎮，重點建設10個體育類項目和17個配套類項目。小鎮將利用東江的水域資源，佈局以賽馬產業為主體的「四區一帶」的全產業鏈業態，以帶動周邊村落的產業機構升級，帶來大量的就業機會，促進當地的經濟發展。

集團規劃將小鎮的核心產業投放在小鎮西部，主力打造種馬養殖、體育賽事、體育培訓、體育俱樂部、體育文化傳播等體育業態。小鎮的東部是配套功能服務區，解決遊客的吃、住、購、娛需求。在小鎮的中部建設山頂步道、騎馬觀光道和極限運動演藝廣場三大項目，為遊客提供休閒體育選擇。小鎮的北部依托豐富的農業資源，為遊客提供農業科普、採摘、教育等服務，並規劃在南部建設康養休閒區。



Town Planning Layout
小鎮規劃佈局圖

CASE
案例The Group helped to build Zhejiang Quzhou International Sports Automobile City
北體集團助力建設浙江衢州國際運動汽車城

Quzhou government of Zhejiang Province and the government of Mitchell County of Victoria, Australia, reached a “sister city” cooperation intention to promote bilateral trade, culture, sports, education and technology exchanges. The Group actively responded to the call of Quzhou government to build a sports culture city, and planned to build an international sports automobile city integrating functions of automobile R&D industry, automobile culture experience, high-end vacation and international business conference. The Group plans to build a three-industry area of forest crossing experience zone, public park cultural leisure zone and technology commercial entertainment zone in Quzhou International Sports Automobile City, and is committed to building a multi-functional international business circle where the automobile industry gathers.

浙江省衢州市政府與澳大利亞維多利亞州米切爾郡政府達成「姐妹城市」合作意向，以促進雙方雙邊貿易、文化、體育、教育、科技的交流。北體集團積極響應衢州市政府打造體育文化城的號召，規劃建設集汽車研發產業、汽車文化體驗、高端度假、國際商務會議等功能於一體的國際運動汽車城。北體集團規劃在衢州國際運動汽車城建設森林穿越體驗區、眾園文化休閒區和科技商業娛樂區三大產業區域，致力於打造一個汽車產業聚集的多功能國際化商圈。



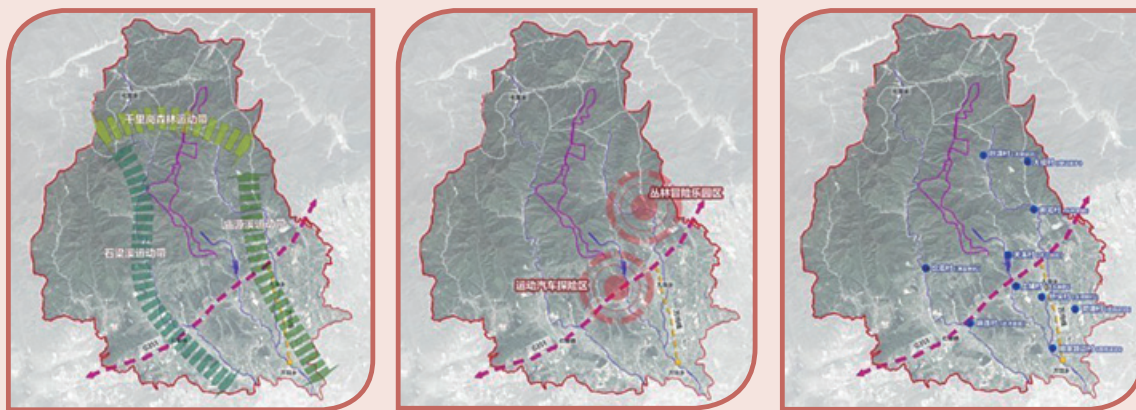
Photos of Sports City During Planning and Construction
運動城規劃建設圖

CASE
案例

The Group helped to build Zhejiang Quzhou International Sports Automobile City
北體集團助力建設浙江衢州國際運動汽車城

In a new sports era, rural revitalization, healthy China and the development of the sports industry have become the people's inner needs and an important symbol of the whole society. The Group plans to propose the concept of building a rural national sports park in Kecheng District, Quzhou City, Zhejiang Province, and explore new areas for “revitalizing the countryside by virtue of sports” nationwide. The core area of the planning and construction covers an area of about 52 square kilometers, covering 4 townships and 42 administrative villages, forming an organic combination of “points, lines and surfaces” centered on Griddhakuta Hill National Forest Sports Town and based on the rural sports demonstration village. Quzhou Rural National Sports Park is intended to form a “3+2+10” spatial layout system, creating three ecological sports belts, two core sports zones and ten characteristic demonstration sports villages.

在新的體育時代，鄉村振興、健康中國、發展體育產業已成為人民的內在需求和全社會的重要標識。北體集團規劃在浙江省衢州市柯城區提出建設鄉村國家運動公園這一理念，為全國「運動振興鄉村」事探索新領域。集團規劃建設核心區域佔地面積約52平方公里，覆蓋4個鄉鎮、42個行政村，以靈鷲山國家森林運動小鎮為核心，以鄉村運動示範村為依托，形成「點線面」的空間有機結合。衢州鄉村國家運動公園規劃形成「3+2+10」空間佈局體系，打造3條生態運動帶，2個核心運動區和10個特色示範運動村。



“3+2+10” Spatial Layout System
「3+2+10」空間佈局體系

4 RESPONSIBILITY MANAGEMENT

We hope to share with the public and our stakeholders about our ESG performance and obtain more feedback for creating greater results on the road to sustainable development. We have established a fulfilling environment, social and governance structure to help the Group timely and accurately identify ESG risks, properly and appropriately respond to measures, and supervise implementation and fulfill shareholder responsibilities. We are committed to actively undertaking environmental and social responsibilities while taking into account the development and operation objectives of the Company, promoting the organic integration of the economic value and social value of the enterprise, and achieving a win-win situation between the enterprise and various stakeholders.

4.1 Effective governance

The Group attaches great importance to ESG work and actively promotes social responsibility into its daily operations. We strictly abide by the rules and regulations of the Companies Ordinance of Hong Kong, the Listing Rules of the Hong Kong Stock Exchange and other regulatory authorities to ensure the corporate social responsibility is conducted in an orderly manner. The Group follows the corporate governance practices manual set out in Appendix 14 to the Listing Rules and establishes a satisfactory corporate social responsibility management system. Each functional department actively assumes its respective corporate social responsibility roles, forms a sound ESG management structure, and effectively implements various environment and social and governance measures.

4 責任管理

我們希望與社會大眾及利益相關方分享我們在環境、社會及管治方面的表現，亦希望獲得多元的反饋意見，引領我們在可持續發展的道路上創造更多成效。我們建設完善的環境、社會及管治架構，幫助集團及時準確發現ESG風險，有針對性地妥善採取應對措施，並監督落實情況，履行股東責任。我們致力於積極承擔環境和社會責任同時，兼顧企業的發展運營目標，促進企業經濟價值與社會價值地有機統一，實現企業與各利益相關方的共贏。

4.1 高效管治

北體集團高度重視環境、社會及管治工作，積極推進社會責任工作融入企業日常運營中。我們嚴格遵循遵守香港《公司條例》、香港聯交所《上市規則》及其他監管部門制定的規章制度，保證企業社會責任工作的合規有序開展。北體集團遵循上市規則附錄14所載的企業管治常規手冊，建立完善的企業社會責任管理體系，各職能部門積極承擔各自的企業社會責任角色，形成健全的ESG管理架構，切實落實各項環境、社會及管治措施。

4 RESPONSIBILITY MANAGEMENT (Cont'd)

4.1 Effective governance (Cont'd)

The management structure of the Group is separated into three levels: The Board is responsible for reviewing and approving the ESG decisions and strategies for applying into the development of the Company, meanwhile overseeing and reviewing the execution and performance of each strategy; the responsible persons of the investor relation division and the media division of the Group are responsible for coordinating each measure according to instructions as well as designating the personnel of the working group to perform specific work; while employees of each division are responsible for the implementation of corporate social responsibilities policies and objectives, as well as the collection of data and preparation of their respective report. The Group has a clear division of labor in ESG governance, and cooperates to promote the smooth and efficient operation of the ESG management mechanism to ensure the steady advancement of ESG work. It is the support of the Group's strong management mechanism for corporate social responsibility. At the same time, the Group has specially set up an audit committee to assist the board of directors and ensure that the work of the board of directors was strictly and independently reviewed. The Group also established a remuneration committee and nomination committee to assist in the implementation of corporate social responsibility and strengthen the depth and breadth of action.

4 責任管理 (續)

4.1 高效管治 (續)

集團的管理架構分為三個層級，董事會負責審批ESG決策與戰略，將其貫徹融入到公司發展之中，同時監督與審視各項策略的執行與績效；集團投資者關係部和傳媒部牽頭，統籌各部門負責人根據指示統籌措施，委派工作小組人員執行具體工作；最後由各部門人員負責落實企業社會責任政策、目標，同時收集匯數據與編寫各自報告內容。集團在ESG管治方面分工明確，合作推進ESG管理機制平穩高效運行，確保ESG工作的穩步推進，是集團踐行企業社會責任有力的管理機制支撐。同時，集團特設審計委員會協助董事會的工作，並確保董事會的工作得到嚴格及獨立的審查，集團還成立薪酬委員會及提名委員會，協助社會企業責任的實施進度，加強行動的深度和廣度。

4 RESPONSIBILITY MANAGEMENT (Cont'd)

4.1 Effective governance (Cont'd)

4 責任管理 (續)

4.1 高效管治 (續)

ESG Working Group Structure of the Group 北體集團ESG工作小組架構圖



4 RESPONSIBILITY MANAGEMENT (Cont'd)

4.2 Stakeholder engagement

The Group hopes to enhance the transparency of information disclosure through effective stakeholder communication and to assess its environmental, social and governance performance in an objective and comprehensive manner. We adopted diversified channels to efficiently and fully communicate with different audiences and categories, and achieve a high degree of integration of information interaction. In the process of communicating with stakeholders, we identify the Company's important ESG issues in a comprehensive manner, while sharing common results in exchanges and pursuing value sharing. The Group's stakeholders cover employees, customers, shareholders, investors, government departments and suppliers.

4 責任管理 (續)

4.2 利益相關方溝通

北體集團希望通過有效的利益相關方溝通，提升信息披露的透明度，更客觀、全面地評估公司在環境、社會及管治方面的表現。我們採用多元化的溝通方式，對不同的受眾分類別進行高效且充分的溝通，實現信息交互層面的高度融合。我們在與利益相關方溝通過程中全方面識別公司重要ESG議題，同時在交流中分享共同成果，追求價值共享。集團的利益相關方覆蓋了員工、客戶、股東、投資者、政府部門和供貨商。

4 RESPONSIBILITY MANAGEMENT (Cont'd)

4.2 Stakeholder engagement (Cont'd)

Stakeholders 利益相關方	Expectations and requirements 期望與要求	Ways to communicate and respond 溝通回應方式
Employees 員工	Career development and promotion opportunities 職業發展與晉升機會 Wages and benefits 工資及福利保障 Health and safety 健康與安全 Democratic management 民主管理 Humanistic care 人文關懷	Employee activities and training 員工活動與培訓 Safeguard labor interests 保障勞動權益 Labor union 勞工工會 Employee email 員工電子信箱 Online opinion survey 網上意見調查 Organize employee care activities 組織員工關愛活動
Customers 客戶	Honest performance 誠信履約 High-quality service 高品質服務質量 Venue safety 場館安全 Opinion and complaint handling 意見與投訴處理 Privacy protection 保護隱私	Guarantee service quality 保證服務質量 Customer satisfaction survey 客戶滿意度調查 Customer service hotline 客戶服務熱線 Effective complaints and feedback 有效投訴及意見反饋渠道 Customer information confidentiality 客戶信息保密
Business partners 商業夥伴	Honest performance 誠信履約 Harmonious and efficient communication 和諧、高效溝通 Information sharing 資源共享 Win-win 合作共贏	Regular inspections, communication visits and meetings 定期檢查、溝通訪問及會議 Online opinion survey 網上意見調查 Annual review and assessment 年度審核及評估 Sincere cooperation 真誠合作
Investors/shareholders 投資者／股東	Open and transparent information 信息公開透明 Protection of shareholders' interests 保障股東權益 Get investment returns 獲取投資回報	General meeting 股東大會 Public report and notification 公開報告與通報 Regular disclosure of business information 定期披露經營信息 Guarantee shareholders' returns 保證股東回報

4 責任管理 (續)

4.2 利益相關方溝通 (續)

4 RESPONSIBILITY MANAGEMENT (Cont'd)

4.2 Stakeholder engagement (Cont'd)

Stakeholders 利益相關方	Expectations and requirements 期望與要求	Ways to communicate and respond 溝通回應方式
Government and regulatory agencies 政府與監管機構	Compliance 遵紀守法 Pay taxes according to law 依法納稅 Harmonious communication 和諧溝通 Support national and local policies 支持國家及地方政策 Support regional economic development 支持地區經濟發展	Law-abiding 奉公守法 Active taxation payment 主動納稅 Active communication policy 積極溝通政策 Understand the compliance requirements of relevant regulatory agencies 瞭解相關監管機構的合規要求 Creating jobs 創造就業崗位 Promote regional culture and economic development 帶動地區文化與經濟發展
Industry associations and chambers of commerce 行業協會及商會	Industry exchange 業界交流 Win-win 合作共贏	Industry exchange and forum 業界交流與論壇 Cooperation 合作研究 Mutual visits 相互訪問
Public welfare/community organizations 公益／社區組織	Public welfare cooperation 公益活動合作 Mutual poverty alleviation 共同扶貧	Communicate actively with local residents 和當地居民積極溝通交流 Organize charity events 舉辦公益慈善活動 Carry out targeted poverty alleviation 開展精準扶貧

4 責任管理 (續)

4.2 利益相關方溝通 (續)

4 RESPONSIBILITY MANAGEMENT (Cont'd)

4.3 Analysis on ESG material issues

The Group focuses on the needs, expectations and evaluations of various stakeholders in the development process and hopes to have a positive impact on stakeholders and work together to create shared value. We fully communicated with stakeholders to evaluate the Group's social responsibilities during the year. Based on the current operating conditions and industry characteristics, we conducted a major assessment of the Company and deeply identified the issues of concern to various stakeholders. We are committed to enhancing mutual trust with our various stakeholders and striving to achieve a win-win situation for the Group and its various stakeholders, thereby promoting the Group's sustainable development.

Importance assessment process

- Establishment of the Issues Library: Based on the "Guidelines for Environmental, Social and Governance Reporting" of Appendix 27 to the Listing Rules of The Stock Exchange of Hong Kong Limited ("Hong Kong Stock Exchange"), the issues related to the Group's ESG management in the previous year were reviewed in combination the Group's business development with that of this year with reference to stakeholder concerns, to build the Group's 2018 ESG Management Issues Library with a total of 20 issues.

4 責任管理 (續)

4.3 ESG重要性議題分析

北體集團在發展過程中關注各利益相關方的需求、期待和評價，並希望對利益相關方產生正面的影響，攜手創造共享價值。我們與利益相關方充分溝通對於集團在本年度內履行社會責任的評價，結合現時營運狀況、行業特點，對公司進行重大性評估，深刻識別各利益相關方所關注的議題。我們致力於提升與各利益相關方的互信，努力實現集團和各利益相關方共贏，進而推動集團的可持續發展。

重要性評估過程

- 議題庫建立：以香港聯合交易所有限公司（香港聯交所）上市規則二十七《環境、社會及管治報告指引》為主，審視回顧上年度北體集團ESG管理相關議題，並結合本年度北體集團業務發展情況，參考利益相關方的關注點，構建北體集團2018年ESG管理議題庫，共計20個議題。

4 RESPONSIBILITY MANAGEMENT (Cont'd)

4.3 Analysis on ESG material issues (Cont'd)

Importance assessment process (Cont'd)

- Stakeholder Engagement: A stakeholder engagement plan for this year is developed and executed. Original assessment information on stakeholders' issues was obtained through communicating with stakeholders and distributing research questionnaires. Stakeholders this year include seven categories, namely employees, customers, business partners, investors/shareholders, government and regulatory agencies, industry associations and chambers of commerce, and public welfare/community organizations.
- Issue Assessment: The issues were evaluated from the two dimensions of "importance to business development" and "importance to stakeholders" according to the stakeholders' scoring of the issues, and obtain the materiality matrix and list of important issues. The list includes 10 highly important issues and 10 moderately important issues.

4 責任管理 (續)

4.3 ESG重要性議題分析 (續)

重要性評估過程 (續)

- 利益相關方參與：制定本年度的利益相關方參與計劃並執行。通過與利益相關方進行溝通和派發調研問卷，獲得利益相關方對議題的原始評估信息。本年度利益相關方包括員工、客戶、商業夥伴、投資者／股東、政府與監管機構、行業協會及商會、公益／社區組織七大類。
- 議題評估：根據不同利益相關方對議題的打分情況，從「對企業發展的重要性」與「對利益相關方的重要性」兩個維度評估各項議題，獲得重要性議題矩陣及重要性議題列表，其中高度重要議題10個，中度重要議題10個。

4 RESPONSIBILITY MANAGEMENT (Cont'd)

4.3 Analysis on ESG material issues (Cont'd)

Importance assessment process (Cont'd)

- Audit Confirmation: The implementation process of the stakeholder's participation in the program and the evaluation of the importance issues were submitted to the management for confirmation and approval, and key disclosures in the report.

4 責任管理 (續)

4.3 ESG重要性議題分析 (續)

重要性評估過程 (續)

- 審核確認：將利益相關方參與方案實施過程及重要性議題評估結果呈交管理層，並由管理層確認通過，並在報告中重點披露。

ESG issues importance analysis matrix diagram of the Group
北體集團ESG議題重要性分析矩陣圖



4 RESPONSIBILITY MANAGEMENT (Cont'd)

4.3 Analysis on ESG material issues (Cont'd)

Level 程度	No. 序號	Issue 議題	Range 範圍
Highly important issues 高度重要性 議題	1	Research and development and innovation 研發創新	Social 社會
	2	Integrity and compliance management 誠信合規經營	Social 社會
	3	Transparency of disclosure 信息披露透明度	Social 社會
	4	Environmental management 環境管理	Environment 環境
	5	Protect consumer information security and privacy 保護消費者信息安全及隱私	Social 社會
	6	Employee safety and health 員工安全與健康	Social 社會
	7	Making the best use of resources 物盡其用	Environment 環境
	8	Compliance employment 合規用工	Social 社會
	9	Response policy 響應政策	Social 社會

4 責任管理 (續)

4.3 ESG重要性議題分析 (續)

Level 程度	No. 序號	Issue 議題	Range 範圍
Moderately important issues 中度重要性 議題	10	Protect ecology 保護生態	Environment 環境
	11	Protect intellectual property rights 保護知識產權	Social 社會
	12	Public welfare and charity 公益慈善	Social 社會
	13	Employee training and development 員工培訓與發展	Social 社會
	14	Product quality management 產品質量管理	Social 社會
	15	Anti-corruption 反腐倡廉	Social 社會
	16	Supplier management 供應商管理	Social 社會
	17	Employee care and support 員工關愛與幫扶	Social 社會
	18	Energy saving and emission reduction 節能減排	Environment 環境
	19	Water conservation 珍惜用水	Environment 環境
	20	Employment and remuneration 僱傭與薪酬	Social 社會

4 RESPONSIBILITY MANAGEMENT (Cont'd)

4.4 Integrity and compliance operation

The Group strictly abides by the laws and regulations of the PRC and the place where the venue is operated, abides by business ethics and continuously optimizes the internal control and risk management system to vigorously build a culture of anti-corruption and honesty. The legal department strengthens compliance management and control to ensure the Company's management and operation standards. The Group established a compliance hotline, e-mail and website messages and provided contact information for employees, customers, suppliers and other members of the public to report suspected violations or violations of company policies to maintain an open attitude to accept outside supervision.

4 責任管理 (續)

4.4 誠信合規經營

北體集團嚴格遵守國家和場館運營所在地的法律法規，恪守商業道德，不斷優化內部控制和風險管理體系，大力建設反腐倡廉文化，由法務部加強合規經營管控，確保公司經營管理規範。集團保持開放的姿態接受外界監督，設立合規熱線、郵箱及網站留言，為員工、客戶、供應商和其他社會人士舉報涉嫌違法違規或違反公司政策的情況提供聯繫方式。

4 RESPONSIBILITY MANAGEMENT (Cont'd)

4.5 Anti-corruption

The Group attaches great importance to the anti-corruption office and the construction of internal control and integrity of the enterprise, and improves various internal rules and regulations to promote the awareness of employees' internal control. We formulated the Regulations on Integrity and Self-Discipline Management, Administrative Measures on Project Evaluation, Measures on Contract Management, Interim Regulations on the Establishment of Subsidiaries by Subsidiaries of Beijing Sports and Entertainment Industry Group and other internal systems in accordance with laws and regulations such as the Company Law of the People's Republic of China, the Law of the People's Republic of China on Anti-Money Laundering, the Law of the People's Republic of China on Unfair Competition, the Interim Provisions on the Prohibition of Commercial Bribery, the Anti-Monopoly Law of the People's Republic of China, the Tendering Law of the People's Republic of China and various systems of the Group, to clarify specific measures against anti-corruption and anti-corruption mechanisms, increase anti-corruption propaganda, continue to optimize the standards of integrity, strengthen process supervision, and form a sound internal control system for the Group. The Group encourages employees and related staff to report violations to the legal department or the general department, and undertakes to strictly protect the information of the report personnel, to continuously improve the notification mechanism for work style construction, continue to build anti-corruption defense lines, and strengthen employees' awareness of anti-corruption. We strictly investigated and rectified corruption and effectively prevented the risk of integrity. During the reporting period, the Group did not have litigation caused by fraud or malpractice.

4 責任管理 (續)

4.5 反腐倡廉

北體集團高度重視反腐倡廉辦公，持續加強企業內控與廉潔建設，不斷完善內部各項規章制度，促進員工內控意識的提升。我們根據《中華人民共和國公司法》《中華人民共和國反洗錢法》《中華人民共和國反不正當競爭法》《關於禁止商業賄賂行為的暫行規定》《中華人民共和國反壟斷法》《中華人民共和國招投標法》等相關法律法規和本集團各項制度規定，制定《廉潔自律管理規定》《項目評估管理辦法》《合同管理辦法》《北京體育文化產業集團下屬子公司設立附屬公司暫行規定》等內部制度性文件，明確反腐倡廉的具體措施及防腐機制，加大反腐倡廉宣傳，持續優化廉潔從業規範，加強過程監督，形成健全的北體集團的廉政內控體系。集團鼓勵員工和相關工作人員向法務部或綜合部舉報違規行為，承諾嚴格保障舉報人員的個人信息，不斷完善作風建設情況通報機制，持續築牢反腐倡廉防線，加強員工拒腐防變意識。我們嚴格查處和整治腐敗現象，有效防範廉政風險，報告期內，集團未發生因舞弊或欺詐引起的訴訟事件。

4 RESPONSIBILITY MANAGEMENT (Cont'd)

4.6 Honors awarded

Time 獲獎時間	Award 獎項名稱	Honor to 獲獎單位
May 2018 2018年 5月	Third Prize of Green Mine Science and Technology Award 綠色礦山科學技術獎三等獎	MetaSpace Air Dome under the Group 北體集團旗下約頓氣膜

Picture of award
獎項圖片



July 2018 2018年 7月	Beijing Energy Conservation Low Carbon Award 北京市節能低碳獎	MetaSpace Air Dome under the Group 北體集團旗下約頓氣膜公司
--------------------------	--	---



5 ENVIRONMENT • EMBRACE HARMONY TOGETHER

The Group has always regarded “pursuing green development and helping the cause of environmental protection” as a banner that leads the way to sustainable development. We adhered to green industrialization and actively promoted the environmental benefits of the enterprise through the promotion of effective air dome environmental protection technology and efficient measures such as energy saving and emission reduction, water conservation and resource management, to make unremitting progress for sustainable development while pursuing the improvement of operational efficiency.

5 環境·共迎和諧

北體集團始終把「追求綠色發展、助力環保事業」視為可持續發展道路上引領方向的旗幟。我們堅持綠色工業化，通過推廣特色氣膜環保技術、節能減排、珍惜用水和資源管理等有效措施，積極提高企業的環境效益，在追求企業運營效率提高的同時，持續在可持續發展的道路上不懈前進。

5 ENVIRONMENT • EMBRACE HARMONY TOGETHER (Cont'd)

5.1 Environmental management

We actively responded to the government's call for environmental protection, energy saving and emission reduction, and clearly stipulated the Company's various pollutants and waste disposal methods in strict accordance with the Environmental Protection Law of the People's Republic of China, the Law of the People's Republic of China on Air Pollution Prevention and Control, the Law of the People's Republic of China on Water Pollution Prevention and Control, Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Waste, National Hazardous Waste List and other environmental protection laws and regulations, to ensure proper disposal, actively repair old waste, recycle resources and reduce environmental load.

We are committed to fully integrating green and low-carbon operation concepts into the construction, operation and management of the project, creating green projects and promoting the harmonious integration of social development and nature. The Group has formulated "Environmental Protection and Energy Conservation Regulation (《環保節能管理規定》)", which clearly stipulates a series of contents such as environmental protection leaders, specific measures for energy saving and emission reduction, and energy saving and emission reduction performance assessment to ensure that the Group can comprehensively manage carbon emissions and resource consumption. As of the end of the reporting period, we have not received any penalties related to environmental pollution or excessive emissions.

5 環境·共迎和諧 (續)

5.1 環境管理

我們積極響應政府在環境保護、節能減排方面的號召，嚴格遵守《中華人民共和國環境保護法》《中華人民共和國大氣污染防治法》《中華人民共和國水污染防治法》《中華人民共和國固體廢物污染環境防治法》《國家危險廢棄物名錄》等環境保護相關的法律法規，明確規定公司各項污染物及廢棄物的處理方法，確保妥善處理的同時，積極修舊利廢，回收利用資源，降低環境負荷。

我們致力於在項目施工、營運、管理過程中充分融入綠色低碳的運營理念，打造綠色工程，促進社會發展與自然的和諧統一。集團內部制定了《環保節能管理規定》，對環保負責人、節能減排具體措施、節能減排績效考核等一系列內容做出明確規定，確保集團能夠全面管理碳排放及資源消耗。截至報告期末，我們未收到有關環境污染或超標排放相關的處罰。

5 ENVIRONMENT • EMBRACE HARMONY TOGETHER (Cont'd)

5.2 Environmental technologies

While realizing green and low-carbon operation, the Group was committed to continuously innovating and developing green technology systems that reduce pollution, reduce consumption and improve ecology. The Group continued to explore and practice in the upgrading of green environmental protection technologies, to contribute to the overall growth of the environmental protection industry by bringing together the research and development capabilities of the enterprise.

Air dome stadium

The Group actively explores innovative solutions for low-carbon and environmental protection and continuously develops novel sports. The Group's unique air dome stadiums introduce modern technology, which is characterized by extremely short construction period, large savings in building materials and operational energy consumption, high space utilization, high efficiency, environmental protection, energy conservation and high safety performance. It is an important model in the field of low-carbon environmental protection, leading the industry into a new mode of environmental protection construction. The Group's air dome stadium adopts high-quality building fiber membranes, and the intelligent electromechanical equipment forms a positive pressure environment supporting construction in the stadium. The indoor space does not need any frame or beam and column support, and the material can be reused during demolition, which greatly saves construction costs.

5 環境·共迎和諧 (續)

5.2 環保技術

北體集團在實現自身綠色低碳運營的同時，致力於不斷創新研發能減少污染、降低消耗和改善生態的綠色技術體系，在綠色環保技術升級等方面持續探索實踐，通過彙聚企業研發實力，為環保事業的全面成長貢獻力量。

氣膜場館

北體集團積極探索低碳環保的創新解決方案，不斷開發新型體育事業。集團獨具特色的氣膜運動場館引進現代化科技，在場館建設方面以極短建築周期、大量節約建築材料和運營能耗、高度空間利用率、高效環保節能、高安全性能為特點，是集團在低碳環保領域的重要表率，引領行業走入建築環保新模式。北京體育的氣膜場館採用優質的建築纖維膜材，由智能化機電設備在場館內形成正壓環境支撐建築，室內空間無需任何框架或樑柱支撐，且材料拆遷時能被重複利用，極大節約了建築成本。

5 ENVIRONMENT • EMBRACE HARMONY TOGETHER (Cont'd)

5.2 Environmental technologies (Cont'd)

Air dome stadium (Cont'd)

Energy Conservation 節能

- The unique material of the air dome guarantees constant temperature and humidity of the air dome stadium, effectively preventing the external temperature and humidity from affecting the venue, greatly reducing the air-conditioning fee and heating cost, and energy consumption in the stadium operation, with low operation and maintenance costs, which achieved dual low-carbon energy conservation for stadium construction and operation.
- 氣膜的獨特材質保證了氣膜運動場館的恆溫、恆濕特性，有效防禦外部溫度和濕度對場館的影響，大幅度降低空調費與暖氣費，節省場館運營的能源消耗，運用和維修成本低，實現了場館建設和場館運營的雙重低碳節能。

Safety 安全

- The Group strictly complied with ASCE17-96 and CANS187-12 as well as the domestic prevailing relevant standards in design, selection, manufacture and installation of air dome to ensure the air dome materials meet the Fire Protection Standard B, while achieving the functions of wind resistance, snow resistance, flame retardant, waterproof, rust prevention, corrosion resistance, shock resistance, insect resistance, heat resistance and cold resistance. In addition, the Group has an intelligent management system that can operate intelligently and independently. Through remote management, it can grasp the operation dynamics and the prevention and resolution of various emergencies in real time.
- 集團嚴格遵循美國空氣支撐建築規範 (ASCE17-96)、加拿大空氣支撐結構規範 (CANS187-12)，且同時滿足並遵循國內現行相關規範，管控氣膜的設計、選型和製造安裝，保證氣膜材料均達到B級防火標準，同時實現抗風、抗雪、阻燃、防水、防銹、防腐、防震、防蟲、耐熱、耐寒等功能。此外，集團內部設有可智能獨立運行的智能管理系統，通過遠程管理，實時掌握運行動態及各類突發情況的預防和解決。

Environmental Protection 環保

- The Group strictly ensures that the stadium uses environmental building materials for the air dome and the air quality in membrane will meet Control Standard of Indoor Environmental Pollution for Civil Architecture (《民用建築室內環境污染控制規範》) after its completion. The building materials of the stadium are prefabricated by the factory. It takes only one day to install on site. There is no construction waste during the construction process, and no damage is caused to the surrounding environment.
- 集團嚴格執行運動場館建築的氣膜材料均選用環保材料，並保證場館建成後空氣質量滿足《民用建築室內環境污染控制規範》。氣膜運動場館的建築材料由工廠預製，現場安裝僅需一天，在搭建過程中無建築垃圾，對周邊環境不造成任何損壞。

5 環境·共迎和諧 (續)

5.2 環保技術 (續)

氣膜場館 (續)

5 ENVIRONMENT • EMBRACE HARMONY TOGETHER (Cont'd)

5.2 Environmental technologies (Cont'd)

Air dome coal storage shed

Storage in industrial environmental protection generally requires a large sealed internal space. Taking coal sheds as an example, sealing will bring inconvenience in logistics. Due to the airtightness requirements of conventional air dome structure, both import and export require double interlocking. It also brings about the problem that the air lock area occupies the coal-filling area and affects the reserves. In addition, due to the particularity of storage of coal, the air supply and exhaust are different from the conventional air dome structure. It is also necessary to develop the monitoring structure in a targeted manner to control the gas and dust temperature in the air dome to ensure the safety inside the dome.

The decentralized aeration equipment of large-span air dome coal storage shed independently developed by MetaSpace Air Dome can solve the problem of uneven distribution of gas pressure in the large-volume air dome coal storage shed, ensuring the balance of the air dome structure and improving safety. The multi-channel logistics patent technology can improve the efficiency of coal storage in and out of the coal-membrane shed. The single-channel cargo can enter and exit up to 230 times/day. The over-pressure automatic discharge technology can automatically relieve pressure when overpressure. When the pressure reaches the set range, the automatic pressure discharger stops to ensure the safety of the air membrane. In addition, real-time monitoring of gas, dust, temperature and smoke in the storage shed can prevent dust explosion, prevent toxic gases from harming the health of the personnel, and realize the organized discharge of pollutants and make reasonable harmless treatment to meet emission standards.

5 環境·共迎和諧 (續)

5.2 環保技術 (續)

氣膜儲煤倉

工業環保領域的倉儲一般都需要超大跨度的密封性內部空間，以煤棚為例，密封會帶來物流上的不便，常規氣膜建築由於氣密性要求，進出口都需要雙重互鎖，這也會帶來氣鎖區域佔用堆煤區而影響儲量的問題。此外，由於煤這種存儲物的特殊性，送排風都與傳統氣膜建築有區別，還需要針對性地開發監控結構，以滿足對膜內瓦斯、粉塵溫度等進行控制，確保膜內安全。

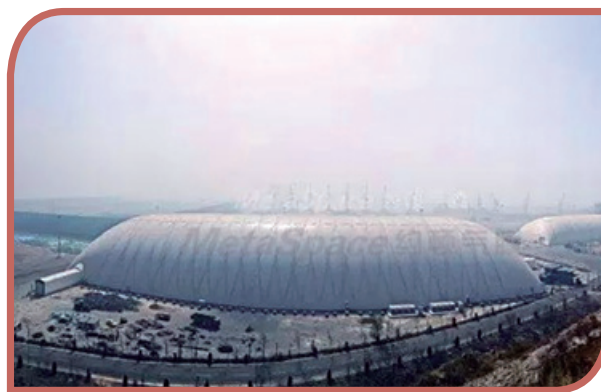
約頓公司自主研發的大跨度氣膜煤棚採用分佈式充氣設備，可解決大體量氣膜煤棚內氣壓分佈不均的問題，確保氣膜結構各處受力均衡，提高安全性；通過多通道物流專利技術，提高氣膜煤棚儲煤進出倉效率，單通道貨物進出可達230次／天；超壓自動泄壓技術在超壓時可自動泄壓，壓力達到設定範圍時，自動泄壓停止，確保氣膜安全；此外實時監控倉庫內瓦斯、粉塵、溫度及煙霧等指標，既可以防止倉庫內粉塵爆炸、預防有毒氣體危害人員健康，又可以實現污染物有組織排放並進行合理的無害化處理，達到排放標準。

5 ENVIRONMENT • EMBRACE HARMONY TOGETHER (Cont'd)

5.2 Environmental technologies (Cont'd)

Air dome coal storage shed (Cont'd)

In 2018, the Company newly built two coal storage projects, including Hebei Hengfeng coal shed with a length, a width and a height of 185.6m, 92m and 35m, and gross floor area of 17,075.2m²; and Linfen Shuntai air dome coal shed with a length, a width and a height of 180m, 65m and 29m, and gross floor area of 11,700m².



Coal Storage Shed by MetaSpace Air Dome
約頓氣膜儲煤倉

5.3 Energy saving and emission reduction

The Group continues to promote the green development, focuses on Energy saving and emission reduction, and actively fulfilled its corporate social responsibility. The Group has formulated the "Environmental Protection and Energy Conservation Regulation (《環保節能管理規定》)" in accordance with relevant laws and regulations. Through scientific planning and research & development and introduction of advanced technologies, the Group effectively minimizes consumption of energy and relevant materials, so as to enhance the environmental benefits of enterprise operation, and contribute to the sustainable development of the Group in a steady pace. During the year, the Group implemented strict control on air-conditioner energy consumption in the sports stadiums through controlling the use of air-conditioner according to passenger flow, and achieved energy conservation while controlling the temperature of the stadiums.

5 環境·共迎和諧 (續)

5.2 環保技術 (續)

氣膜儲煤倉 (續)

2018年公司新建儲煤項目2個，其中河北衡豐煤棚長185.6m寬92m高35m，建築面積達17,075.2m²；臨汾順泰氣膜煤棚長180m寬65m高29m，建築面積達11,700m²。

5.3 節能減排

北體集團持續推進綠色發展，重點實施節能減排工作，積極履行企業社會責任。集團根據相關法律法規制定《環保節能管理規定》，通過科學規劃和先進技術的研發與引進，有效降低能耗及相關物資的非必要消耗，提高企業運營的環境效益，助力北體集團在可持續道路上的穩步發展。本年度，集團在運動場館內實施嚴格的空調能耗控制，根據客流進行空調使用的控制，在調控場館溫度的同時，達到節約能耗的目的。

5 ENVIRONMENT • EMBRACE HARMONY TOGETHER (Cont'd)

5.3 Energy saving and emission reduction (Cont'd)

The Group has established an internal environmental management system. The General Department is responsible for the improvement of the system and the release and publicity of environment management regulations, as well as organization of carrying out publicity of environmental protection and energy conservation, and popularizing relevant knowledge. The General Department also has the responsibility to supervise the implementation of daily environmental management, promptly rectify and deal with any violations of the Environmental Protection and Energy Conservation Regulation, and guide employees to practice the spirit of environmental protection in their daily work all the time.

The Group advocates the concept of green office and strictly implements the following requirements in the office:

- Keeping quiet in the office to prevent noise pollution;
- Smoking is prohibited in any places in the office building, in order to keep the indoor air clean;
- Implementing "paperless office", and encouraged the employees to use emails instead of printed documents unless there is need for line printing;

5 環境·共迎和諧 (續)

5.3 節能減排 (續)

集團構建了內部的環境管理體系，由綜合部負責制度完善和環保規定的發佈與宣傳，組織開展環保節能宣傳，普及環保節能知識。綜合部亦有職責監督日常環境管理的實施情況，及時糾正、處理違反《環保節能管理規定》的行為，在日常工作中無時不刻引導員工踐行環保節約精神。

北體集團大力推崇綠色辦公，在辦公區域嚴格執行如下規定：

- 辦公區域內必須保持安靜，避免噪聲污染；
- 寫字樓內任何位置嚴禁吸煙，保障室內空氣清新；
- 推行「無紙化辦公」，員工使用打印機應盡量設置黑白灰，如無打印需要，盡量利用網絡辦公方式進行辦公；

5 ENVIRONMENT • EMBRACE HARMONY TOGETHER (Cont'd)

5.3 Energy saving and emission reduction (Cont'd)

- A waste battery recycling tank has been established at the front desk, and the recycled batteries will be handed over to professional treatment organization by the General Department. No batteries should be discarded so as to avoid acid-base electrolytes of batteries may cause severe pollution to the soil and water;
- Employees are required to turn off the lights after work, and actively turn off unnecessary lighting facilities;
- Strictly controlling the use of air conditioners, employees may use the air-conditioner at intervals when the indoor temperature is appropriate. Doors and windows should not be opened while the air-conditioner is used in order to reduce energy consumption;
- Employees are forbidden to use high-power electrical appliances without approval in order to prevent waste and avoid safety accidents.

5 環境·共迎和諧 (續)

5.3 節能減排 (續)

- 前台特設廢舊電池回收筒，安排綜合部統一回收廢舊電池至專業處理機構，嚴禁丟棄，避免電池酸鹼電解質會對土壤、水流造成嚴重污染；
- 要求員工養成隨手關燈習慣，應及時主動關閉不必要的照明設施；
- 嚴格管控空調使用，在室內溫度適宜時，員工可間歇使用空調，且不得開放門窗，以免空調外泄造成能耗浪費；
- 員工未經批准嚴禁使用大功率電器，避免浪費耗電及引發安全事故。

5 ENVIRONMENT • EMBRACE HARMONY TOGETHER (Cont'd)

5.3 Energy saving and emission reduction (Cont'd)

CASE 案例

Effective emission reduction of air dome stadium 氣膜場館有效減排

The air dome sports stadium is the key measure of achieving energy saving and emission reduction by the Group. Tianji Air Dome Sports Stadium in Taiyuan built by the Group is a sports stadium with the biggest area in Taiyuan City and functioned with anti-haze and constant temperature, constant humidity and constant oxygen throughout the year. According to the unique lighting system of the air dome building, the light from the light source projects on the curved inner membrane, therefore, the light reflected by membrane material is evenly scattered to the lighting area, which can avoid the adverse effect caused by the glare from direct lighting.

In the north with severe haze problems, the new air filtration system equipped with air dome stadium can filter the haze by the multiple filtration of outside air before it is delivered to the inside of stadium, so as to ensure the air quality in the stadium. The air dome stadium can save 50% energy by virtue of its unique building materials and stadium structure as compared with the traditional sports building stadium. In addition, the air dome stadium with short construction period, low construction cost and long service lifespan make it a technology leader in sports facility across the globe.

氣膜運動場館是北體集團實現節能減排的重點措施。北體集團建造的太原天際氣膜場館是太原市面積最大的且具有防霾、四季恆溫恆濕恆氧等性能的體育運動場館。根據氣膜建築所特有的照明系統，光源發出的光線投射在氣膜弧形內膜上，經膜材反射後，光源發出的光線能均勻散射在照明區域，還避免了燈具直射時產生眩光等不利影響。

在霧霾嚴重的北方，氣膜場館配備的新風過濾系統將外界空氣經過多層過濾後送入場館，將霧霾隔絕在外，保證場館內空氣質量。相比傳統的體育建築場館，氣膜場館憑藉其特有的建築材料和場館構造，可實現節約50%能源。同時，氣膜場館建築周期短、建築成本低、使用年限長，被評為目前全球技術領先的體育設施。



Photo of Tianji Air Dome Sports Center Stadium
天際氣膜運動中心場館圖

5 環境·共迎和諧 (續)

5.3 節能減排 (續)

5 ENVIRONMENT • EMBRACE HARMONY TOGETHER (Cont'd)

5.4 Water conservation

Water conservation is an important project for environmental protection. The Group actively promotes the awareness of water conservation, sets water conservation signs in various areas of the Group, and vigorously encourages employees to save water. The Group requires employees to turn off taps consciously in their daily lives and work and encourage smaller and intermittent water consumption. The relevant staff of the Group monitors the operational status of water equipment in a timely manner. The Group also encourages employees to supervise and monitor the water equipment, and promptly notifies the relevant departments for follow-up repair once the failure is spotted.

We attach great importance to the recycling of water resources and adhering to the principles of “multiple use of water” and “grey water reuse”. During the operation of sports and recreational projects, we also implement the “water reuse” strategy on the basis of actual situations to reduce water consumption through recycling water resources. The water used in all places in which the Group operates is come from municipal water supply, and there is no difficulty in sourcing water.

5 環境·共迎和諧 (續)

5.4 珍惜用水

節約用水是環境保護的一項重要工程。北體集團積極宣傳節水意識，在集團各個區域設置節水標語，大力號召員工珍惜水資源。集團鼓勵員工在日常生活和工作中養成隨手關閉水龍頭的習慣，並鼓勵員工養成小水量用水與間歇用水的習慣。集團相關工作人員及時觀察用水裝置的運行情況，也鼓勵員工對用水裝置進行監督和問題監察，若發現故障，集團及時通知相關部門進行維修。

我們重視水資源的循環利用，遵循「一水多用」和「中水回用」的原則，在文體娛樂項目等經營實體的運營過程中，結合實際情況，實施「二次用水」的策略，循環利用水資源，減少水資源的消耗。集團所有運營地用水均來自市政供水，並無求取水源困難。

5 ENVIRONMENT • EMBRACE HARMONY TOGETHER (Cont'd)

5.5 Making the best use of resources

The Group firmly believes that efficient resource management is an important objective for sustainability development. Through regulating the management, we strictly require the rational use of various materials in the production process, and develop relevant internal measures for materials such as paper, stationery and electrical appliances in the office, so as to greatly reduce the employees' demand on office supplies by comprehensive implementation of regulations and supervision. We also ensure the maximum utilization of resources by constant optimizing resource management measures.

The Group is committed to reducing "white pollution" which arbitrary disposal of paper bags or plastic bags is forbidden, and requires garbage bags to be used for waste bins in our offices so that the cleaners can reuse the bags after the garbage is disposed of. In addition, the Group adopts "applicability, durability, and high cost-effectiveness" as the basic principles of procurement, and considers indicators in respect of material, energy consumption, noise and emission of the products and their impact on the environment, so as to promote the integration of concept of green construction and ecological harmony. For low-value daily consumables such as stationeries, we will make bulk buying based on an inventory level in advance to meet the office needs in a timely manner; and save transportation cost generated by frequent deliveries.

5 環境·共迎和諧 (續)

5.5 物盡其用

北體集團堅信高效的資源管理是可持續道路上的一項重要目標。我們通過規範管理，嚴格要求生產過程中各項物資的合理使用，對辦公環境中的紙張、文具、電器等物資制定了相關的內部措施，通過全面實施規定和監督，大大減少員工對辦公物資的需求。我們亦通過持續優化資源管理措施，確保各項資源實現利用最大化。

集團致力減少「白色污染」，規定不得隨意丟棄紙袋或塑料袋，並規定辦公室內使用紙簍垃圾袋，以便保潔人員倒出垃圾袋後能重複使用。此外，集團以「適用、耐用、性價比高」作為採購物資的基本原則，充分考慮產品材質、能耗、噪音、排放等指標要素及其對環境的影響，促進綠色施工和生態和諧的理念融合。在採購文具等常用低值易耗品時，應提前根據庫存量制定最佳批量採購計劃，及時滿足辦公需要，同時節約頻繁單次採購的運輸費用。

5 ENVIRONMENT • EMBRACE HARMONY TOGETHER (Cont'd)

5.6 Ecological conservation

Under the condition of limited resources, the rational development and utilization of resources and the environmental issues brought therefrom are issues that human society is in need of attention and resolution. As a responsible corporate citizen, the Group pays great attention to protecting the environment and using various resources in its daily operations. It strictly abides by the Environmental Protection Law of the People's Republic of China to build an industrial ecosystem under harmonious development by reducing the adverse impact of operations on the surrounding environment.

Adhering to green construction

The Group adheres to safe production and civilized construction. In order to reduce the influence of our construction on the surrounding environment and the ecological environment during the construction, the Group has developed environmental management systems, and developed related treatment measures including air, water, light and environment according to the possible impacts during the construction and the actual situation of the surrounding environment. The Group sets up an environmental protection team at construction sites to effectively implement actions to protect various resources and reduce the impact on surrounding environment.

5 環境·共迎和諧 (續)

5.6 保護生態

在有限的資源條件下，資源的合理開發和利用及其帶來的環境問題是人類社會極需關注與解決的問題。作為負責任的企業公民，北體集團在日常運營過程中高度注重保護環境及節約使用各類資源，嚴格遵守《中華人民共和國環境保護法》，減少運營對周邊環境帶來的不利影響，塑造和諧發展的產業生態圈。

堅持綠色施工

北體集團堅持安全生產、文明施工，為減少施工過程中對周邊環境與生態環境的干擾，集團制定環境管理體系規定，結合施工過程中可能會產生的影響和周圍環境的實際情況，制定了包括大氣、水體、光與環境的相關處理措施。集團在施工現場成立環境保護小組，切實落實保護各類資源和減少周圍環境影響的行動。

5 ENVIRONMENT • EMBRACE HARMONY TOGETHER (Cont'd)

5.6 Ecological conservation (Cont'd)

Adhering to green construction (Cont'd)

5 環境·共迎和諧 (續)

5.6 保護生態 (續)

堅持綠色施工 (續)

Air 大氣

- Perform road surface hardening and landscape management in the construction site;
- Partly implement closed construction to avoid raising dusts of the construction wastes, and spray water on the roads daily to improve dust control on a regular basis;
- Tight controls on transportation, overloading vehicles with materials which drop out easily or can be lifted by the wind easily is strictly prohibited and the container should be covered;
- The Group requires to use liquefied gas as fuel and electric water heater for water supply to reduce soot emissions from the kitchen of the site during the construction.
- 對施工現場道路實施硬化處理與綠化管理；
- 在部分封閉施工操作避免建築垃圾揚塵，並定期對道路進行灑水降塵；
- 嚴格運輸管控，對於運輸易散落、易飛揚的材料，要求車廂進行覆蓋，並嚴禁超載運輸；
- 在施工過程中，集團規定使用液化氣作燃料，電熱水器供水，確保現場廚房無菸塵排放。

Water 水體

- Gradually establish a sound water management system;
- Connect sewage pipelines to municipal pipeline networks to ensure the discharge waste water conforms to standards after removing oil and deposition;
- Install anti-seepage devices in the office environment to prevent the discharge of pollutants from polluting seepage contaminating groundwater and the soil, and invite district environmental protection department to carry out waste water tests on a quarterly basis.
- 逐步建立完善的水體管理系統；
- 建立與市政管網相連接的污水管網，保證生活污水隔油沉澱的達標排放；
- 在辦公環境設置防滲裝置以防止污染物的排放洩露污染地下水和土壤，並委託區環保局對污水進行季度性的排放性檢測。

Light and sound environment 光與聲環境

- Reasonably select construction machinery, strengthen mechanical maintenance and reduce noise from equipment, and control the noise manually during construction;
- Set up apply for noise control and post public notice in residential areas in advance to actively handle the feedback from residents;
- Unify lightings in the construction site with directional and removable lampshades provided to avoid construction light pollution at night, and minimize the impact on the surrounding environment.
- 在施工過程中合理選用施工機械，加強機械維修保養，減少設備噪音，並人為在操作過程中控制作業時產生噪音；
- 設立申報噪聲控制，在居民區提前張貼「安民告示」，積極處理居民的反饋意見；
- 在施工現場統一燈具，配備定向式可拆除燈罩，避免夜間施工光污染現象，最大限度降低對周邊環境的影響。

5 ENVIRONMENT • EMBRACE HARMONY TOGETHER (Cont'd)

5.6 Ecological conservation (Cont'd)

Protection of natural resources

The Group attaches great importance to the protection of natural habitats and biodiversity, and strictly abides by the Law of the People's Republic of China on Environmental Impact Assessment (《中華人民共和國環境影響評價法》) to ensure that negative impacts on surrounding ecosystems and biodiversity are avoided during the development, construction and operation of project, and prevent adverse effects on endangered species. At the early stage of the development of the project, the Group conducts rigorous analysis, forecasting and evaluation on the project, and eliminates projects that have a negative impact on the surrounding ecosystem and biodiversity. Since its establishment, there was no adverse impact on the biodiversity at the place where the Group operates.

The Group constantly pays attention to the status quo and trends of climate change, and actively participates in activities related to the Environmental Day at home and abroad, such as WWF Earth Hour, China Arbor Day and World Environment Day. During the construction of the sports stadiums, the Group adopted environmentally friendly air dome materials, which greatly reduced the negative impact on the environment during the construction. The Group strengthened its operational control over its own and its stadiums, pursued refined management, and adhered to environmental work. In addition, the Group organized environmental protection-related public welfare activities and vigorously promoted awareness on climate change and the environment, targeting for all sectors of the community at large.

5 環境·共迎和諧 (續)

5.6 保護生態 (續)

保護天然資源

北體集團重視保護自然棲息地與生物多樣性，嚴格遵守《中華人民共和國環境影響評價法》，確保在項目的開發、建設及運營中，避免對周邊生態系統與生物多樣性造成負面影響，防範對瀕臨物種的不良影響。在開發項目前期，集團對項目進行嚴格的分析、預測及評估，淘汰對周邊生態系統及生物多樣性等造成負面影響的項目。集團自成立以來，未發生在運營所在地對其生物多樣性造成負面影響的事件。

北體集團時刻關注氣候變化現狀與趨勢，積極參加國內外與環境保護日相關的活動，如WWF地球一小時、中國植樹節、世界環境日等。集團在運動場館建設過程中，採用環保的氣膜材料，極大減少了建築過程中對環境產生的負面影響。集團加強對自身及場館的運營管制，追求精細化管理，堅持環保辦公。同時，集團舉辦與環保相關的公益行動，大力呼籲社會各界對氣候變化和環境的關注。

6. EMPLOYEES • PROMOTE GROWTH TOGETHER

The Group upholds the staff-oriented management philosophy, adheres to legal and compliant employment, and constantly improves the human resources management system. We firmly believe that employee development and care is an important support for the talent team of the Company. While respecting employees and protecting employees' rights and interests, the Group also pays close attention to the dynamics of employees in a timely manner, enriches the spare time of employees, and builds a warmly home-like atmosphere for them.

6.1 Employment and remuneration

We adhere to hire employees in compliance with the laws and regulations to effectively protect various rights and interests of employees. We also provide incentive remuneration for employees, so as to continue to attract talents to join in and create a high-level talent team.

Employment in compliance with the regulation

In accordance with the laws and regulations of the Labor Law of the People's Republic of China, the Labor Contract Law of the People's Republic of China, Law on Protection of Minors, the Provisions on the Prohibition of Using Child Labor, the Group developed internally a series of human resource management systems for the Company such as Labor Contract, Staff Rules and Regulations, Attendance Management Regulations and Travel Management Regulations, which include employees' recruitment, promotion, dismissal, remuneration, benefits, training and performance assessment, protecting the lawful rights and interests of employees through conducting scientific and rational human resource management. In 2018, we entered into labor contracts with all employees. In case of labor dispatch, we shall comply with relevant state regulations and resolutely resist forced labor.

6 員工·共促成長

北體集團秉持以人為本的管理思想，堅持合法合規僱傭，不斷完善人力資源管理制度。我們堅信員工發展和關愛是公司人才隊伍一個重要支撐。集團在尊重員工、保護員工權益的同時，及時關注員工的動態，豐富員工的業餘生活，為員工送上家庭般的溫暖。

6.1 僱傭與薪酬

我們堅持依法合規僱傭員工，切實保障員工各項權益，為員工提供具有激勵性的薪酬，不斷吸引多方人才加入，打造高水平的人才建設隊伍。

合規僱傭

北體集團根據《中華人民共和國勞動法》《中華人民共和國勞動合同法》《未成年人保護法》《禁止使用童工規定》等法律法規，內部制定《勞動合同》《員工規章制度》《考勤管理規定》《出差管理規定》等一系列公司人力資源管理制度，全面覆蓋員工的招聘、晉升、解僱、薪酬、福利、培養、績效考核等方面，保障員工合法權益，進行科學、合理的人力資源管理。2018年，我們與100%的員工簽訂勞動合同，如遇勞務派遣情況，則須符合國家有關規定，堅決抵制強制勞動。

6. EMPLOYEES • PROMOTE GROWTH TOGETHER (Cont'd)

6.1 Employment and remuneration (Cont'd)

Employment in compliance with the regulation (Cont'd)

Through complete processes such as campus recruitment, online recruitment and social recruitment, the Company effectively eliminated the employment of child labor; and stipulated that if child labor is identified in its employment, it will arrange for special employees to bring the children to their lawful guardians. We respect the privacy and personal information of our employees, eliminate discrimination of all natures such as gender, race, ethnicity, religious beliefs and cultural background, and strive to build a diverse, inclusive and harmonious talent team. In addition, we gradually increase the employment of local personnel during our employment, and enhance the localization proportion of employees to contribute to the employment of residents in the community. At the end of the reporting period, we have not found any employment of child labor or forced labor.

Talent attraction

In order to build a strong workforce, the Company has built a bridge of bilateral communication between the Group and its talents, and adopted an efficient recruitment management model to attract elite talents with outstanding comprehensive strength. The Group has continuously increased its diversified recruitment channels and broadened the recruitment channels for professional talents. The five main channels for talent recruitment included contracted websites, public websites, internal recommendation, recruitment from self-media, and headhunting recommendation. With a positive attitude, the Group provides equal and fair employment opportunities for job seekers with different educational background, nationalities, races, genders and religious beliefs. It is committed to building a dynamic and diverse talent team to promote the sustainable development of the enterprise and create a brilliant future together.

6 員工·共促成長(續)

6.1 僱傭與薪酬(續)

合規僱傭(續)

公司通過完善的校園招聘、網絡招聘、社會招聘等流程，有效地杜絕了僱傭童工現象的出現，並規定如發現僱傭童工現象，將派專人護送兒童回到法定監護人身邊。我們尊重員工的隱私與個人信息，杜絕性別、種族、民族、宗教信仰及文化背景等一切性質的歧視，努力建設多元化和包容和諧的人才隊伍。此外，我們在員工僱傭的過程逐步加強本地人員僱傭，提升員工本地化比例，為社區居民就業做出企業貢獻。截至報告期末，我們未發現使用童工或強制勞工的現象發生。

吸引人才

為打造強大的員工隊伍，公司為集團和人才搭起雙向溝通的途徑，通過高效的招募管理模式為企業吸納綜合實力突出的精英人才。集團不斷增加多元招聘渠道，拓寬專業性人才招聘渠道，渠道主要包括：簽約網站、公共網站、內部推薦、自媒體自招、獵頭推薦等五大途徑。集團以積極的心態為不同學歷、國籍、種族、性別、宗教信仰的求職者提供平等公正的就業機會，致力於打造一支有活力的多元人才隊伍，助力企業可持續發展，攜手共創輝煌。

6. EMPLOYEES • PROMOTE GROWTH TOGETHER (Cont'd)

6.1 Employment and remuneration (Cont'd)

Salary and welfare

We provide salary and welfare system with industrial competitiveness for employees. The staff salaries were composed of fixed salary, performance bonus and floating salary. We conduct performance appraisal by following the principles of fairness, justice and openness, and make full use of reasonable salary to stimulate the endogenous progress momentum of employees. The Group has developed the Regulations on Paid Annual Leave for Employees, which clarified the employees' vacation process and salary arrangements, and according to the specific terms of the salary and welfare system, eligible employees may enjoy allowance covered housing, transportation, communications, catering, and clothing, so as to enhance the sense of belonging and happiness of employees. In addition, in order to create a harmonious, friendly and warm environment for working and living of employees, the Group offers birthday benefits, Women's Day benefits, Spring Festival benefits and other festival and holiday allowances. In 2018, the social insurance coverage rate of the Group's employees was 100%.

6.2 Training and development

The Group pays attention to the development of talents, while building a team of high-quality talents, it actively carries out various training activities, and strives to create a broad career development platform and a sound internal training system for employees. The Group also attentively promotes the growth and development of employees through helping employees enhancing their individual competitiveness and providing comprehensive and broad promotion channels.

6 員工·共促成長(續)

6.1 僱傭與薪酬(續)

薪酬福利

我們為員工提供具備行業競爭力的薪酬與福利體系，員工的工資由固定工資、績效獎金及浮動工資組成，遵循公平、公正、公開的原則，進行績效考核，充分利用合理的薪酬激發員工內生進步動力。北體集團制定了《職工帶薪年休假條例》，明確員工休假流程、薪資安排等內容，並根據薪酬與福利制度中的具體條款，符合條件的員工可享受涵蓋住房、交通、通訊、餐飲、服裝等的津貼福利，增強員工的歸屬感與幸福感。此外，集團設有生日福利、婦女節福利、春節福利及其他節假日津貼等，用心為員工打造和諧、友愛、溫暖的工作與生活環境。2018年，北體集團員工社會保險覆蓋率達100%。

6.2 培訓與發展

北體集團注重人才培養，建設優質人才隊伍的同時，積極開展各類培訓活動，努力為員工打造廣闊的職業發展平台與完善的內部培訓制度，幫助員工增強個人競爭力，並提供完善廣闊的晉升通道，用心助力員工成長與發展。

6. EMPLOYEES • PROMOTE GROWTH TOGETHER (Cont'd)

6.2 Training and development (Cont'd)

Employee promotion

We pay attention to the career planning of employees through building a broad career development platform for employees, providing different development channels for talents, helping employees achieving their personal value, so as to promote the growth of employees and the enterprise. In addition, in order to better enhance the personal qualities and abilities of employees, fully mobilize the initiative and positivity of all employees, and standardize the procedures for promotion of employees, the Group has stipulated the methods and processes for employee promotion assessment, and clarified that employees can rotate their jobs based on personal development and ability to a certain extent, effectively protecting the development of diverse talents.

Employee training

The Group is committed to building a multi-level, all rounded and three-dimensional talent team with group characteristics, continuously promoting cooperation between schools and the enterprise, helping talents to learn from practice and master through learning, and providing professional talent reserves for the Plan for 1,000 Stadiums. It also arranges re-employment training for retired athletes, so that each retired athlete can give full play to their competitions and professional experience, and continue to shine in the development of China's sports industry. In 2018, the employee training coverage rate of the Group was 100%.

6 員工·共促成長 (續)

6.2 培訓與發展 (續)

員工晉升

我們注重員工的職業生涯規劃，為員工搭建廣闊的職業發展平台，提供因材施教的發展通道，幫助員工實現個人價值，促進員工與企業共同成長。同時，為更好提升員工個人素質和能力，充分調動全體員工的主動性和積極性，規範員工的晉升、晉級工作流程，北體集團規定了員工晉升考核的方法與流程，並明確員工可在一定程度上依據個人發展及能力進行崗位調動，切實保障多樣化人才的發展。

員工培訓

北體集團致力於建設具有集團特色的多層次、全方位、立體化的人才梯隊，持續推進校企合作，幫助人才在實踐中學習，在學習中融會貫通，為千館計劃提供專業人才儲備，同時對退役運動員進行再就業培訓，讓每一位退役運動員能充分發揮其賽事與專業經驗，為中國體育事業發展持續發光發熱。2018年，北體集團員工培訓覆蓋率100%。

6. EMPLOYEES • PROMOTE GROWTH TOGETHER (Cont'd)

6.2 Training and development (Cont'd)

Employee training (Cont'd)

In 2018, the Group organized a series of training such as annual internal professional knowledge training for employees, brand communication program training and 9 external special training of legal department, including seminar themed equity incentive practice, Smith Freehills 2018 Greater China M&A Conference (史密夫菲爾2018年大中華併購會議) and private equity legal practice exchanges, to enhance employees' knowledge reserves in important areas of the industry, fully understand the Group's development strategy and planning, and achieve a win-win goal of growing together between the employees and the Group.

6 員工·共促成長(續)

6.2 培訓與發展(續)

員工培訓(續)

2018年，集團組織了年度員工內部專業知識培訓、品牌傳播方案培訓、9次法務部外部專題培訓等一系列培訓內容，包括股權激勵實務主題研討會、史密夫菲爾2018年大中華併購會議、私募基金法律實務交流等，增強員工對行業重要領域的知識儲備，充分瞭解集團發展戰略與規劃，實現員工與集團共同成長的雙贏目標。

CASE 案例

The Group and Beijing Sports University carried out the project on training of sports stadium management talent 北體集團聯合北京體育大學開展體育場館管理人才培訓項目

The Group cooperated with Beijing Sports University to develop the project on "Training of Sports Stadium Management Talent", which gathered the strong faculty of Beijing Sports University and the industry veteran to form an all-around talent training system. The Group is committed to cultivating stadium management talent team equipped with capacities of comprehensive analysis, management capabilities and international vision on sports stadium so as to solve the problem of lack of professional talents in the sector; break through the bottleneck of industry development, and accelerate the pace of China's sports industry entering a golden period of new era.

北體集團與北京體育大學合作研發「體育場館管理人才培訓」項目，項目凝聚北京體育大學強大的師資力量及行業內資深人士，形成全方位的人才培養體系，致力於培育對體育場館運作有全面分析、管理能力及國際視野的場館管理人才隊伍，解決目前領域內專業人才缺失的問題，突破行業發展瓶頸，加速中國體育產業進入新時代的黃金時期。

6. EMPLOYEES • PROMOTE GROWTH TOGETHER (Cont'd)

6.3 Safety and health

Safety production is an important guarantee for the sustained and stable operation of an enterprise. The Group is committed to creating a safe and harmonious working environment through carrying out safety education and training, emergency drills and other safety production activities, and continuously implementing safety measures, with a view to guarantee the physical and mental development of every employee in a healthy and pleasant manner.

Strengthening safety production

Upholding the safety management guidelines of "putting safety first and stressing prevention", the Group has developed internal policy documents such as Safety Administration Regulations in Office Area (《辦公區域安全管理規定》) according to relevant laws and regulations such as the Work Safety Law of the People's Republic of China and the Labor Law of the People's Republic of China, such documents specified the responsible persons and specific contents of safety management at all levels, effectively guaranteeing the implementation of all safety measures. In response to various laws and regulations and internal rules, in 2018, the Group organized three safety knowledge training activities, including educational activities for the popularization of knowledge regarding introduction of administrative measures on fire safety in office building, daily basic fire safety and self-rescue methods, and office fire safety knowledge and escape methods, so as to continuously improve employees' awareness of safe production.

6 員工·共促成長(續)

6.3 安全與健康

安全生產是企業持續穩健運營的重要保障，北體集團致力於打造安全和諧的工作環境，開展安全教育培訓、應急演練等多項安全生產活動，持續將安全措施落實到位，並保障每一位員工的身心健康愉悅發展。

加強安全生產

北體集團秉持「安全第一、預防為主」的安全管理方針，依據《中華人民共和國安全生產法》《中華人民共和國勞動法》等相關法律法規，制定了《辦公區域安全管理規定》等內部政策文件，明確各層級安全管理負責人及具體內容，切實保障各項安全措施落實到位。針對各項法律法規及內部規章，2018年，集團組織了三次安全知識培訓活動，包括宣講寫字樓消防安全管理辦法、日常消防安全常識與自救辦法和辦公消防安全知識與逃生辦法的知識普及教育活動，不斷提升員工安全生產意識。

6. EMPLOYEES • PROMOTE GROWTH TOGETHER (Cont'd)

6.3 Safety and health (Cont'd)

Strengthening safety production (Cont'd)

In addition, in order to strengthen the safety of use of electricity and fire in daily office and project construction and enhance the life-saving skills of employees, the Group specially provided safety training for employees, and organized employees to conduct fire emergency drills, so as to further strengthened the safe production construction of the enterprise through enhancing employees' fire safety awareness and self-protection ability by emergency drills. During the reporting period, the number of work-related injuries on the employees of the Group was 2, and the number of work-related deaths was 0.

6 員工·共促成長(續)

6.3 安全與健康(續)

加強安全生產(續)

此外，為加強日常辦公及項目建設的用電用火安全，增強員工救生技能，集團專門為員工進行安全方面的培訓，並組織員工進行消防應急演練，通過應急演練增強了員工的消防安全意識與自我保護能力，進一步加強了企業的安全生產建設。報告期內，集團員工發生工傷次數為2次，因工作關係而死亡的人數為0人。

CASE 案例

The Group conducted training on safety fire knowledge 北體集團開展安全消防知識培訓

On 29 January 2018, the Group organized employees to participate in training on safety fire knowledge, and introduced to employees the administrative measures on fire safety in office building to provide targeted fire knowledge to employees according to the actual safety and fire situations in the office. In the training, the lecturer also carefully explained the use of fire extinguishers for employees, and organized employees to conduct fire extinguishers drills to ensure that the participants can play a leading role in fire safety in an emergency. 2018年1月29日，集團組織員工參與安全消防知識培訓，向員工宣講寫字樓消防安全管理辦法，根據辦公地點的安全消防實際情況，為員工提供有針對性的消防知識。講師在培訓中還為員工細心講解滅火器的使用方法，並組織員工進行滅火器實操演練，確保參與人員能在緊急情況下起到消防安全的帶頭作用。



Live event photo of training on safety knowledge
安全知識培訓現場圖



Site training of on fire knowledge
消防知識培訓現場

6. EMPLOYEES • PROMOTE GROWTH TOGETHER (Cont'd)

6.3 Safety and health (Cont'd)

Guaranteeing occupational health

We attach great importance to the health and safety of our employees, organize all employees of the Group to have physical examination on a regular basis, and provide psychological counseling to employees in need, and concerns the physical and mental health of each employee. For positions with occupational health risks, we strengthen protection knowledge education and provide professional protective equipment to prevent employees' physical and mental health from being damaged. In 2018, the physical examination coverage rate of the Group's employees was 100%.

6.4 Care and support

The Group endeavors to improve its staff's happiness index, aiming at creating the "Well-being of the people's livelihood" concerning the employees' feelings, understanding of staff's difficulties, dedicating to solve issues reported by staff and providing care and warmth in a timely manner. In 2018, the Group carried out caring activities on employee's birthday and festival and holiday, carefully presented gifts to each employee on their birthdays, transmitted the Company's staff-oriented values, and distributed festival benefits in traditional festivals such as the Spring Festival and Mid-Autumn Festival to build a warmly home-like atmosphere for them. Moreover, the Company pays attention to the living conditions of employees with difficulties. Through actively providing care measures such as medical assistance, medical insurance and care during illness for the sick employees who are hospitalized to effectively solve their practical difficulties.

6 員工·共促成長(續)

6.3 安全與健康(續)

保障職業健康

我們重視員工的健康與安全，定期組織集團全體人員接受健康體檢，並為需要的員工提供心理輔導，用心呵護每一位員工的身心健康。對有職業健康風險的崗位，加強防護知識教育，並提供專業的防護用具，防止員工身心健康受到損害。2018年，北體集團員工健康體檢覆蓋率100%。

6.4 關愛與幫扶

北體集團努力提升員工幸福指數，以打造「幸福民生」為目標，關愛員工感受，體恤員工困難，努力解決員工反饋的問題，及時送上關懷和溫暖。2018年，集團開展員工生日和節假日關愛活動，精心在每位員工生日之際為他們送上貼心禮物，傳遞公司以人為本的價值觀，並在春節、中秋節等傳統節日發放節日福利，為員工營造大家庭般的溫暖。同時，公司關注困難員工的生活情況，對於住院治療的生病員工，積極提供就醫協助、醫療保障、生病期間照料等關懷措施，切實解決員工的實際困難。

6. EMPLOYEES • PROMOTE GROWTH TOGETHER (Cont'd)

6.4 Care and support (Cont'd)

In order to help employees to achieve better work and life balance, develop their personal interests, the Group actively carries out a variety of cultural, sports and recreational activities every year, and sets up resting areas for employees and establishes a Book Sharing Corner to create a warm and comfortable working environment for employees and enhance the cohesion and sense of belonging of employees.

6 員工·共促成長(續)

6.4 關愛與幫扶(續)

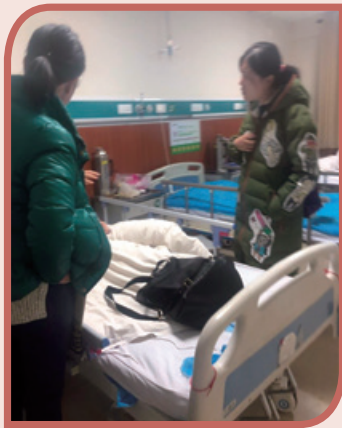
為幫助員工更好平衡工作與生活，發展個人興趣愛好，集團每年積極開展豐富多彩的文體娛樂活動，並設置員工休息場地，開設圖書角，為員工打造溫馨、舒適的工作環境，增強員工凝聚力與歸屬感。

CASE 案例

Zhong Hu Yuedong offered its care for sick employees 中互悅動為生病員工送愛心

Zhong Hu Yuedong cared about the sick employees, sent personnel to take care of the employees during their hospitalization. It cared for employees and their families, organized employees for visits, consolation giveaway and moral encouragement to sick employees, so as to solve employees' difficulties in a timely manner; and making employees feel the home-like warmth.

中互悅動心系生病員工，在員工住院期間派專人照料，用心關懷生病員工及其家屬，並多次組織員工探望，為生病員工送上慰問品與精神鼓勵，及時解決員工的困難，讓員工感受到家一般的溫暖。



Employees visit sick co-workers
員工探望生病員工

6. EMPLOYEES • PROMOTE GROWTH TOGETHER (Cont'd)

6.4 Care and support (Cont'd)

6 員工·共促成長(續)

6.4 關愛與幫扶(續)

CASE 案例

The Group established a warm Book Sharing Corner for employees
北體集團為員工設置溫馨圖書角

In order to further enrich the employee's spiritual world and cultivate their hobbies of reading, the Group has established a Book Sharing Corner for employees in the office building, providing staff various kinds of books by bookcrossing between themselves and book purchasing by the Group, and providing an option for staff interested in different types of books to gradually develop their reading habits. The establishment of the Book Sharing Corner was generally praised by the staff. While enjoying the rich spare time, the staff also enriched their spiritual world and gained a pleasant mood for working.

為進一步豐富員工精神世界，培養員工讀書的興趣愛好，北體集團在辦公大樓為員工設置了圖書角，通過員工圖書漂流與集團購書等途徑，為員工提供不同類別的書籍，為喜愛不同類型圖書的員工提供選擇，逐漸培養員工的閱讀習慣。圖書角的設置收到員工的一致好評，員工在享有豐富業餘生活的同時，也充實了精神世界，收穫愉悅的工作心情。



The Group established a Book Sharing Corner
北體集團設置圖書角

7 PRODUCT • CREATE VALUE TOGETHER

Given that product quality is vital to any enterprise, we strictly guarantee the quality of our products, and strive to provide quality services, focus on the performance of suppliers' social responsibilities and continuously promote the growth of suppliers. Adhering to the management philosophy of "win-win cooperation and mutual development", we continue to strengthen multi-party cooperation and create more and better products and services for society with an open model of win-win cooperation.

7.1 Strengthening supply chain management

The Group maintains a comprehensive supply chain management mechanism that conducts a comprehensive evaluation on the basis of weighing suppliers' quality, price, delivery time, after-sales service and credit standing, and finally determines the qualified supplier list. We maintain smooth communication with our suppliers and update the qualified supplier list using the elimination mechanism based on the investigation and reviewing results of sample testing, evaluation and on-site investigations for each supply chain on a regular basis.

Other than product quality and service, we focus on the performance of suppliers' social responsibilities, continue to inform suppliers about our social responsibility requirements, and conduct communication with suppliers on an irregular basis to understand their performance and risk points in social responsibility and give priority to suppliers with better social responsibility performance. We value and hope to maintain a long-term relationship with qualified suppliers and achieve sustainable development of mutual benefit and common prosperity.

7 產品·共創價值

產品質量是企業的立足之基，我們嚴格保障產品質量，並致力於提供優質的服務，關注供應商的社會責任表現，持續推動供應商成長。秉持「合作共贏、攜手共進」的管理理念，不斷加強多方合作，用合作共贏的開放模式，為社會創造更多更好的產品及服務。

7.1 加強供應鏈管理

北體集團具有完善的供應鏈管理機制，集團在權衡供應商質量、價格、交貨時間、售後服務、資信等基礎上進行綜合評估，最終確定合格的供應商名錄。我們與供應商保持順暢溝通，並通過定期針對各供應環節進行樣品測試、鑒定及現場調查，以調查評審結果為依據，使用淘汰機制更新合格的供應商名錄。

除產品質量和服務，我們注重供應商的社會責任表現，持續向供應商通報我們在社會責任方面的要求，並與供應商進行不定期的溝通交流，瞭解其在社會責任方面的績效與風險點，優先選擇社會責任績效較好的供應商，重視並希望維繫與合格供應商的長期合作關係，達到互惠互利，價值共享的可持續發展局面。

7 PRODUCT • CREATE VALUE TOGETHER (Cont'd)

7.1 Strengthening supply chain management (Cont'd)

Before procurement 採購前
<p>In procurement of all kinds of materials required by the project, quotations from more than three suppliers with relevant qualifications and complete licenses are required. After conducting a comprehensive evaluation on the basis of weighing quality, price, delivery time, after sales service and credit standing, the Group finally determines the qualified supplier and establishes a supplier list.</p> <p>項目所需各類材料進行採購時，必須有三家以上供應商提供報價，供應商需具有相關資質且證照齊全，在權衡質量、價格、交貨時間、售後服務、資信、等基礎上進行綜合評估後最終確定合格的供應商，並建立供應商名錄。</p>

In procurement 採購中
<p>In procurement of materials, the drawings are required to be confirmed by the technical department and approved by the supervisor. The procurement personnel shall be entitled to refuse to procure the material without procurement plan or the plan is not approved, or material name, specification and quality are unclear.</p> <p>材料採購時必須由技術部確認圖紙、並經主管領導審批，無採購計劃或計劃未經審批，材料名稱、規格、質量不清，採購人員有權拒絕執行採購。</p>

After procurement 採購後
<p>After the completion of procurement, the procured material list are required to be cross checked against the contract configuration list, and the material may only be procured after confirm that its specification, model and quantity are consistent and it meet the requirements of the procurement department and not exceed the budget cost price provided by the sales department.</p> <p>採購結束後，採購的材料清單必須與合同配置清單進行核對，規格、型號、數量一致，在滿足採購部門的要求，不超過銷售部提供的預算成本價格方可進行採購。</p>

7 產品·共創價值(續)

7.1 加強供應鏈管理(續)

7 PRODUCT • CREATE VALUE TOGETHER (Cont'd)

7.2 Guaranteeing product quality

The Group has always regarded quality as the lifeline of enterprises. Through refined management and quality internal control system, it constantly enhances product quality control to continuously delivery high-quality products to society. Through continuous optimization of the innovation management system, and increasing investment in innovation to build a high-level team of innovative talents, the Group's innovative capabilities have been continuously improved, and a number of green environmental technologies have been developed.

Quality control

We conduct comprehensive and rigorous quality control over all aspects of operation management, stadiums construction and customer service. With providing better experience in sports stadiums as a goal, we are committed to continuously improving operational efficiency and product quality, and stipulated that in case of quality problems on product or project, we will handle them properly in strict accordance with the related provisions of the state and Company. We strictly abide by the laws and regulations related to liability of operational product of the state such as the Product Quality Law of the People's Republic of China, the Intellectual Property Law of the People's Republic of China and the Trademark Law of the People's Republic of China to strictly manage customer privacy and information, protect the legal intellectual property rights of us and other enterprises, and prevent disputes on intellectual property rights. In addition, we actively participate in the formulation of industry standards to set standards for the industry with our high standards and high quality products, and promote the overall improvement of product quality in the industry. In 2018, there was no disputes arising from intellectual property rights occurred in the Group.

7 產品·共創價值(續)

7.2 保障產品品質

北體集團一向視產品質量為企業的生命線，通過精細化管理與質量內控體系，不斷增強產品質量管控，為社會源源不斷地輸送高質量的產品。通過持續優化創新管理體系，加大創新投入，建設高水平的創新人才隊伍，集團的創新能力不斷提升，研發出多項綠色環保技術。

質量管控

我們對運營管理、場館建設及客戶服務中的各個環節進行全面、嚴格的質量管控，以提供更優質的體育場館體驗為目標，致力於不斷提升運營效率和產品質量，並規定如發生產品或項目質量問題，將嚴格按照國家及公司有關於進行妥善反饋處理。我們嚴格遵循《中華人民共和國產品質量法》《中華人民共和國知識產權法》《中華人民共和國商標法》等國家有關運營產品責任的法律法規，嚴格管理客戶隱私及信息，保護自身及其他企業的合法知識產權，防止產生知識產權糾紛問題。此外，我們積極參與制定行業標準，用自身高標準、高質量的產品為行業樹立標杆，推動行業產品質量的全面提升。2018年，北體集團未發生因知識產權引起的糾紛問題。

7 PRODUCT • CREATE VALUE TOGETHER (Cont'd)

7.2 Guaranteeing product quality (Cont'd)

Quality control (Cont'd)

CASE 案例

A sound intellectual property management system established by MetaSpace Air Dome 約頓氣膜建立完善的知識產權管理體系

In order to further standardize the intellectual property rights work management system of the Company, enhance the independent innovation capacity and improve market competitiveness, MetaSpace Air Dome carried out the work in relation to compliance with national intellectual property rights standards in January 2016. Through such work, the Company has strengthened the knowledges on promotion of patent regulations, popularization of patent knowledge, patent training, patent application and protection. It also consolidated the patent management system through including the responsibility of the intellectual property rights group, the management of patent property, patent rewards and punishments and evaluation of patent work in the patent management system, which further improved the management of the Company's intellectual property rights. As of the end of the reporting period, MetaSpace Air Dome and its subsidiaries had obtained a total of 98 authorized patents with 10 soft and copyrights, and 25 registered trademarks.

為進一步規範公司企業知識產權工作管理體系，增強自主創新能力，提高市場競爭能力，約頓氣膜於2016年1月進行了知識產權貫標工作。通過貫標工作，公司強化了專利法規宣傳、專利知識普及、專利培訓、專利申請與保護等知識；鞏固了專利管理制度，把知識產權小組的職責、專利產權的管理、專利獎懲、專利工作的考核等內容列入專利管理制度，使公司的知識產權管理工作更加完善。截至報告期末，約頓氣膜及附屬子公司已累計取得授權專利98件，軟著及版權10件，已註冊商標25件。



Certificate of Intellectual Property Rights Management System Certification of MetaSpace Air Dome
約頓氣膜知識產權管理體系認證證書

7 產品·共創價值(續)

7.2 保障產品品質(續)

質量管控(續)

7 PRODUCT • CREATE VALUE TOGETHER (Cont'd)

7.2 Guaranteeing product quality (Cont'd)

Quality control (Cont'd)

In order to further strengthen control on product quality and improve internal control processes of product quality, the Group has developed system documents such as Project Evaluation Management Method, and conducted full-cycle and comprehensive quality control of stadium construction and operation management in accordance with the management requirements of ISO system. In terms of stadium construction, the Group strengthened the full-cycle control over all aspects of design, processing and construction through requiring compliance with corporate standards in all aspects, and stipulating that quality inspection shall be conducted on on-site goods by technicians to ensure that the goods meet the project requirements before use. In order to guarantee the quality standards of the enterprise, the Group engaged senior experts in the industry and separately established a quality inspection department to strictly review the quality. In terms of operation management, we strictly ensure the service quality of our products, always focus on the customer, provide the highest quality product design, development and expansion work according to customer needs, and continuously carry out product improvement according to customers' suggestions.

7 產品·共創價值(續)

7.2 保障產品品質(續)

質量管控(續)

為進一步加強產品質量管理，完善產品質量內控流程，北體集團制定了《項目評估管理辦法》等制度性文件，並按照ISO體系管理要求，對場館建設和運營管理進行全周期、全方位的質量管控。在場館建設方面，集團加強對設計、加工、施工各環節的全周期管控，要求在各環節中遵循企業標準，且規定現場貨物須由技術人員對貨物進行質量檢查，確保貨物符合項目要求後方可使用。為保障企業質量標準，集團聘任行業資深專家，並單獨成立質檢部嚴審質量。在運營管理方面，我們嚴格確保產品的服務質量，始終堅持以客戶為中心，根據客戶需求提供最優質的產品設計、開發及拓展工作，並根據客戶建議不斷進行產品改進。

7 PRODUCT • CREATE VALUE TOGETHER (Cont'd)

7.2 Guaranteeing product quality (Cont'd)

Quality control (Cont'd)

7 產品·共創價值(續)

7.2 保障產品品質(續)

質量管控(續)

CASE 案例

MetaSpace Air Dome participated in the preparation of industry standards 約頓氣膜參與行業標準編制

Faced with the current situation of lack of national standards and norms in the air dome industry, MetaSpace Air Dome actively responded to the preparation of the air dome standards of the competent authorities of the industry, and participated in the amendment to the Technical Specifications for Membrane Structures, preparation of the standards such as Technical Specifications for the Acceptance of Membrane Structure Construction, Guidelines for the Design and Construction of Air-Supported Membrane Structures and the Technical Requirements for Stadiums with Air-Supported Membrane Structures, and as the main drafting party participated in the preparation of Technical Requirements for Stadiums with Air-Supported Membrane Structures. At present, the preparation of relevant standards has been almost completed, and the standards prepared could standardize the air dome industry and help in the healthy development of the industry.

面對氣膜行業國家標準和規範的缺失的現狀，約頓氣膜積極響應行業主管部門的氣膜標準的編制工作，先後參與了《膜結構技術規程》的修訂、《膜結構施工驗收技術規程》《氣承式膜結構設計與施工指南》《空氣支承膜結構體育場所技術要求》等標準的編制，並在《空氣支承膜結構體育場所技術要求》中作為主要起草單位參與其中。目前相關標準的編制工作已基本完成，所編制的標準可幫助氣膜產業規範化，有利於行業的健康發展。

7 PRODUCT • CREATE VALUE TOGETHER (Cont'd)

7.2 Guaranteeing product quality (Cont'd)

R&D and innovation

We firmly believe that technological innovation is the inexhaustible driving force for the sustainable development of the Group. We attach great importance to the building up of scientific research talents and emphasize the infiltration of thinking mode of technological innovation into stadium operation and solution. Through independent research and development of green technologies of the industry, we provide optimal energy saving, emission reduction and operation solutions for various projects, and build safe and environmentally friendly stadiums for customers. The remarkable scientific research achievements of the Group won high praise from all stakeholders. We will continue to lead the upgrading of green technology of the industry, so as to promote sustainable development of the industry.

7 產品·共創價值(續)

7.2 保障產品品質(續)

研發創新

我們堅信科技創新是集團可持續發展的不竭動力。我們重視科研人才建設，強調將科技創新的思維模式滲入在場館運營與解決方案中。我們通過自主研發行業綠色技術，為各類項目提供最優的節能減排和運營方案，為客戶建設安全、環保的運動場所。北體集團的科研成果顯著，贏得各利益相關方的高度贊揚，我們將持續引領行業綠色技術升級，促進行業可持續發展。

7 PRODUCT • CREATE VALUE TOGETHER (Cont'd)

7.2 Guaranteeing product quality (Cont'd)

R&D and innovation (Cont'd)

CASE 案例

MetaSpace Air Dome won the "Green Mine Science and Technology Award (綠色礦山科學技術獎)"
約頓氣膜榮獲「綠色礦山科學技術獎」

In May 2018, the large-span air dome storage technology independently developed by MetaSpace Air Dome, the Group's subsidiary, won the third prize of the Green Mine Science and Technology Award. The large-span air dome storage could be applied in granaries, low-temperature storage, modern coal sheds, logistics centers, garbage disposal, sewage treatment, soil treatment and ecological greenhouses. Environmental materials are used for all membrane materials of MetaSpace Air Dome and the air quality in membrane will meet Control Standard of Indoor Environmental Pollution for Civil Architecture (《民用建築室內環境污染控制規範》) after its completion. The membrane material has a useful life between 15 and 35 years and is transferable for easily reuse. With factory prefabrication, the site work is minimal and there is no damage to surrounding environment. The intelligent management system can realize intelligent and independent operation, remote management, real-time control for operational dynamics and precaution for all kinds of emergencies.

2018年5月，北體集團旗下公司約頓氣膜自主研發的大跨度氣膜倉儲技術獲得了綠色礦山科學技術獎三等獎。大跨度氣膜倉庫可運用於糧倉、低溫倉儲、現代煤棚、物流中心、垃圾處理、污水處理、土壤處理、生態大棚等領域，約頓氣膜所有膜材均選用環保材料，建成以後膜內空氣滿足《民用建築室內環境污染控制規範》，膜材耐用年限在15-35年之間，而且可遷移，方便重複使用。膜體為工廠預製，現場作業量極小，對周邊環境沒有任何損害，智能管理系統可以實現智能獨立運行、遠程控制，實時掌握運行動態及預防各種突發情況。

7 產品·共創價值(續)

7.2 保障產品品質(續)

研發創新(續)



MetaSpace Air Dome won the "Green Mine Science and Technology Award (綠色礦山科學技術獎)"
約頓氣膜公司榮獲「綠色礦山科學技術獎」

7 PRODUCT • CREATE VALUE TOGETHER (Cont'd)

7.2 Guaranteeing product quality (Cont'd)

R&D and innovation (Cont'd)

CASE 案例

MetaSpace Air Dome won the “Energy-saving and Low-carbon Award of Beijing”
約頓氣膜榮獲「北京市節能低碳獎」

In July 2018, the air dome high-efficiency energy-saving control technology independently developed by MetaSpace Air Dome, the Group's subsidiary, was selected as the energy-saving and low-carbon technology products of Beijing in 2018. Through optimal control and decision making on the entire air dome structure by the internal environment control technology, dynamic balance control technology and high-efficiency insulation technology of MetaSpace Air Dome, it achieved safe, efficient, economical, energy-saving and coordinated operation of air dome structure to the largest extent. The high-efficiency energy-saving control technology of MetaSpace Air Dome is applicable for sports, leisure, cultural tourism, industrial environmental protection, logistics and warehousing, plateau oxygen enrichment and other sectors, which could provide the optimal air dome energy-saving and emission reduction solutions for various customers.

2018年7月，北體集團旗下公司約頓氣膜自主研發的氣膜高效節能控制技術入選了北京市2018年節能低碳技術產品。通過約頓氣膜內環境控制技術、動平衡控制技術及高效保溫技術能夠對整個氣膜建築進行最優化的控制和決策，最大程度的實現氣膜建築安全、高效、經濟、節能、協調的運行狀態。約頓氣膜高效節能控制技術適用於體育休閒、文化旅遊、工業環保、物流倉儲、高原富氧等眾多領域，可為各類客戶提供最佳的氣膜節能減排方案。

7 產品·共創價值(續)

7.2 保障產品品質(續)

研發創新(續)

北京市发展和改革委员会文件

京发改〔2018〕1437号

北京市发展和改革委员会 关于发布北京市2018年节能低碳技术 产品推荐目录的通知

各有关单位：

为落实本市节能工作对节能低碳技术产品的需求，加大对节能低碳技术产品的宣传推广力度，引导用能单位主动采用先进适用的新技术、新产品，我们组织开展了2018年节能低碳技术产品的征集工作，经公开征集、专家评审、公示，形成了《北京市2018年节能低碳技术产品推荐目录》，现予以发布。

北京市2018年节能低碳技术产品推荐目录

序号	产品名称	产品简介	推荐单位
8	气膜建筑技术	该技术采用气膜建筑控制原理，通过内部环境控制、动态平衡控制、高效保温等技术，实现对整个气膜建筑内部环境的高效控制，降低能耗，提高能效，实现气膜建筑的高效、安全、经济、节能、协调运行。该技术适用于体育休闲、文化旅遊、工业环保、物流倉儲、高原富氧等众多领域，可为各类客户提供最佳的氣膜節能減排方案。	元 泰 能 研 究 有 限 公 司
9	热泵耦合系统	该系统采用热泵耦合系统，通过热泵耦合系统，实现对整个热泵耦合系统的高效控制，降低能耗，提高能效，实现热泵耦合系统的高效、安全、经济、节能、协调运行。该系统适用于工业环保、物流倉儲、高原富氧等众多领域，可为各类客户提供最佳的氣膜節能減排方案。	元 泰 能 研 究 有 限 公 司
10	基于区块链的能源管理系统	该系统采用区块链技术，通过区块链技术，实现对整个区块链能源管理系统的高效控制，降低能耗，提高能效，实现区块链能源管理系统的高效、安全、经济、节能、协调运行。该系统适用于工业环保、物流倉儲、高原富氧等众多领域，可为各类客户提供最佳的氣膜節能減排方案。	元 泰 能 研 究 有 限 公 司
11	中压蒸汽热能利用技术	该技术采用中压蒸汽热能利用技术，通过中压蒸汽热能利用技术，实现对整个中压蒸汽热能利用技术的高效控制，降低能耗，提高能效，实现中压蒸汽热能利用技术的高效、安全、经济、节能、协调运行。该技术适用于工业环保、物流倉儲、高原富氧等众多领域，可为各类客户提供最佳的氣膜節能減排方案。	元 泰 能 研 究 有 限 公 司

Images of product recommendation
directory
產品推薦目錄圖

7 PRODUCT • CREATE VALUE TOGETHER (Cont'd)

7.3 Provision of quality services

We are fully aware that provision of quality products and services is one of the most effective ways to attract customers and maintain the vitality of business development. While diligently operating the stadiums, we actively respond to customer feedback and continuously improve and upgrade the stadiums to provide better customer experience and services.

Stadium service

The Group adheres to service standards focused on customer; keeps abreast of customers' needs, and actively provides targeted services and instructions for different types of events in the stadium. In 2018, we achieved good customer feedback in 15 large-scale physical fitness activities organized in our stadiums.

7 產品·共創價值(續)

7.3 提供優質服務

我們深知，提供優質的產品與服務是吸引客戶、保持企業發展活力最有效的途徑之一。我們在用心運營場館的同時，積極回應客戶反饋，不斷對場館進行改進升級，提供更好的客戶體驗與服務。

場館服務

北體集團堅持以客戶為中心的服務標準，及時瞭解客戶需求，積極在場館為不同類型的活動提供具有針對性的服務及幫助。2018年，我們各地場館共舉辦了15次大型體育健身活動，均取得了較好的客戶反饋。

7 PRODUCT • CREATE VALUE TOGETHER (Cont'd)

7.3 Provision of quality services (Cont'd)

Stadium service (Cont'd)

No. 序號	Name of Event 活動名稱
1	Badminton Tournament in Huarun Siji Community 華潤四季社區羽毛球賽
2	New York International Children's Club 2nd Large Parent-Child Games Running Baby 紐約國際兒童俱樂部第二屆大型親子運動會Running Baby
3	Table Tennis and Badminton Competition in Shanxi Sixth Construction 山西省六建乒羽比賽
4	The King of Underdogs – Taiyuan 路人王—太原站
5	Financial and Commercial Workers, Light Industry and Textile Workers, Tobacco Industry Workers of Shanxi Province 山西省財貿輕紡煙草系統
6	Hengtong Sanitary Ware Exhibition 恆通衛浴展
7	2018 PUKY CBC Club League Central Division 8th Stop 2018 PUKY CBC俱樂部聯賽中原賽區第八站
8	Fellowship Activity of Huanai Home and Purapple 華耐家居與紫蘋果聯誼活動
9	Sports Meet of CIFI Real Estate (旭輝地產) 旭輝地產運動會
10	2018 "ABC Cup" 14th Badminton Friendship Tournament of Shanxi Province 2018「農行杯」山西省第十四屆羽毛球友誼賽
11	Fun Games of Gymboree (金寶貝) 金寶貝趣味運動會
12	Sports Meet of Ping An Bank 平安銀行運動會
13	Fun Games of Taiping Life Insurance 太平人壽趣味運動會
14	Anniversary Celebration in Taiyuan 太原周年店慶
15	"2018 Badminton Tournament in China Resources Community" of China Resources Land 華潤置地「2018華潤社區杯羽毛球賽」

7 產品·共創價值(續)

7.3 提供優質服務(續)

場館服務(續)

7 PRODUCT • CREATE VALUE TOGETHER (Cont'd)

7.3 Provision of quality services (Cont'd)

Stadium service (Cont'd)



Sports Meet of Ping An Bank
平安銀行運動會活動

7 產品·共創價值(續)

7.3 提供優質服務(續)

場館服務(續)



Badminton Tournament in Huarun Siji Community
華潤四季社區羽毛球賽

In 2018, we gradually improved the construction of hardware facilities in the stadiums, such as additions to water heaters and planning parking space. We constantly optimized "Air Dome Interactive Mini Program (互動氣場小程序)" for online booking, and strived to build a new sports and leisure stadium with comfortable environment and pleasant experience for the public.

2018年，我們逐漸完善場館硬件設施建設，如增添熱水器，規劃停車位等，我們不斷優化「互動氣場小程序」線上預定功能，竭力為大眾建造環境舒適和體驗愉悅的新型運動休閒場館。

7 PRODUCT • CREATE VALUE TOGETHER (Cont'd)

7.3 Provision of quality services (Cont'd)

Stadium service (Cont'd)

CASE 案例

Air Dome Interactive Mini Program – Online Booking Service 互動氣場小程序 — 線上預定功能

In 2018, the Group further optimized the “Air Dome Interactive Mini Program” of Tianji Air Dome Sports Stadium in Taiyuan to provide users with a high-quality online remote booking experience. The operation interface of the WeChat mini program platform is concise and clear. Users can check sporting events and seats availability in the stadium on WeChat mini program, and book tickets according to individual needs. The launch of the program has been well received by customers and added a highlight to the high-quality stadium services.

2018年，北體集團進一步優化太原天際氣膜運動中心的「互動氣場小程序」，為用戶帶來高質量的在線遠程訂票體驗。微信小程序平台操作界面簡潔易懂，用戶可在微信小程序上查詢到場館的體育項目及票位情況，根據個人需求訂票。該程序的推出受到客戶的一致好評，為高品質的場館服務增添一道亮光。

Customer service

The Group attaches great importance to the management and maintenance of customer relationships, and has developed internal policies for maintaining customer relationships such as Complaint Handling Procedures in accordance with the relevant provisions of the Consumer Protection Law of the People's Republic of China and the Civil Procedure Law of the People's Republic of China. We strictly abide by our clients' privacy protection duties, strengthen the Group's client information security management, standardize the client information access procedures and user access rights as well as and the environment for carrying customer information to prevent leakage and loss of clients' personal information.

7 產品·共創價值 (續)

7.3 提供優質服務 (續)

場館服務 (續)

客戶服務

北體集團高度重視客戶關係的管理和維護，依據《中華人民共和國消費者權益保護法》《中華人民共和國民事訴訟法》中的相關規定，制定了《投訴處理程序》等維護客戶關係的內部政策。我們恪守客戶隱私保護職責，加強客戶信息安全管理，規範客戶信息訪問的流程、用戶訪問權限以及規範承載客戶信息的環境，防止客戶信息的洩漏和丟失。

7 PRODUCT • CREATE VALUE TOGETHER (Cont'd)

7.3 Provision of quality services (Cont'd)

Customer service (Cont'd)

The Group has established a sound customer complaint handling mechanism, which requires to handle the customer complaints in a quick and proper manner; and proposes targeted solutions to common and major complaints. We maintain positive interactive communication with our customers, regularly review customer complaints files, identify problems in a timely manner and eliminate potential risks, so as to increase customers' trust in us. During the year, the Group increased the announcement of the announced risk factors of customers in various operating stadiums, so that customers can fully understand the existing and potential risks, thus protecting the rights and interests of customers and ensuring the quality of service.

7 產品·共創價值(續)

7.3 提供優質服務(續)

客戶服務(續)

集團建立完善的客戶投訴處理機制，要求快捷妥善處理客戶投訴，並對常見和重大投訴提出針對性解決方案。我們與客戶保持積極的互動性溝通，定期整理客戶投訴檔案，及時發現問題並排除潛在風險，提高客戶對我們的信任度。本年度，集團在各個運營場館內加強針對客戶的公告風險因素的公告，讓客戶全面瞭解現有的及潛在風險。做到保障客戶權益，保證服務質量。

7 PRODUCT • CREATE VALUE TOGETHER (Cont'd)

7.4 Promoting win-win cooperation

Beijing Sports has always been working together with its partners for integrating the advantages and resources of both parties, continuously deepening cooperation with various stakeholders, actively breaking through the difficulties of the industry and achieving a mutually beneficial and win-win situation. The Group vigorously develops innovative cooperation modes such as "sports + big data", actively cooperates with local sports bureaus to discuss high-tech, and continues to work with partners to promote the development of local sports, drive the consumption of regional sports, provide strong momentum for the transformation and upgrading of local economy, and facilitate the healthy and stable development of the industry.

7 產品·共創價值(續)

7.4 促進合作共贏

北京體育始終與合作夥伴攜手同行，整合雙方的優勢和資源，不斷深化與各權益人的合作，積極突破行業難關，實現互利共贏的局面。集團大力發展「體育+大數據」等創新合作模式，積極與當地體育局合作探討高新技術，持續同各合作夥伴助力當地體育事業發展，帶動區域體育消費，為當地經濟轉型升級提供強勁動力，並助推行業健康穩定發展。

CASE 案例

Tri-party cooperation achieved big data diversion 三方合作·實現大數據引導

Beijing Sports, Beijing Beiti Technology Centre* (北京北體科技中心) and Beijing Rongyu Information Technology Co., Ltd.* (北京融昱信息技術有限公司) have reached a tri-party strategic cooperation for jointly working on industrial planning and project design of sports, culture, entertainment, tourism and other comprehensive projects, and active exploring and cooperating in product design, site planning, construction design, construction, stadium operation, publicity and promotion. Moreover, they applied big data on the modern smart management for aspects such as sports town planning and stadium operations.

北京體育與北京北體科技中心及北京融昱信息技術有限公司共同達成三方戰略合作，共同致力於體育、文化、娛樂、旅遊等綜合項目的產業規劃和項目設計，並在產品設計、場地規劃、建造設計、施工、場館運營、宣傳推廣等層面進行積極探索與合作。同時應用大數據進行體育小鎮規劃、體育場館運營等方面的現代化智能管控。

The cooperation between the three parties is based on the integration of the sports industry chain, through developing "sports + big data" and "sports + technology", creating attractive points such as events, sports and leisure projects and integrating high-tech elements to strengthen services and promote the supply of sporting goods, and finally organically combined sports with manufacturing, science and technology, culture and tourism to form an industrial development system focused on sports industry, featured by sports tourism, and with effective extension of sports industry services.

三方的合作形成以體育產業鏈的整合為主，發展「體育+大數據」「體育+科技」等，打造賽事、體育休閒項目等吸引點，融合高科技元素強化服務，推動體育用品的供應，最終將體育與製造業、科技、文化、旅遊等有機結合，形成以體育產業為核心，以體育旅遊等為特色，以體育產業服務為有效延伸的產業發展體系。

7 PRODUCT • CREATE VALUE TOGETHER (Cont'd)

7.4 Promoting win-win cooperation (Cont'd)

CASE 案例

Guangxi Sports Bureau exchanged the new technology of MetaSpace Air Dome with the Group
廣西體育局與北體集團交流約頓氣膜新技術

On 26 June 2018, Guangxi Zhuang Autonomous Region Sports Bureau investigated and researched the tennis courts built by the products of MetaSpace Air Dome located at the Chaoyang Sports Center to have an in-depth understanding of the environmentally friendly concept and advanced technology of constant temperature, constant humidity and high oxygen content of MetaSpace Air Dome.

2018年6月26日，廣西壯族自治區、體育局對位於朝陽體育中心，由約頓氣膜產品建造的網球場進行考察調研，深入了解約頓氣膜場館地環保理念與恆溫恆濕高含氧的先進技術。

During the period, the Group conducted in-depth communication on the “Plan for 100 Stadiums” of the Guangxi Zhuang Autonomous Region with Guangxi Sports Bureau. The Group systematically analyzed and shown information on the development of the “Plan for 100 Stadiums” across the country, and made forward-looking analysis and discussion on the layout and development planning of the “Plan for 100 Stadiums” in Guangxi Zhuang Autonomous Region. This investigation is of vital importance to the development of the “Plan for 1,000 Stadiums” in Guangxi Zhuang Autonomous Region, also an important step in promoting the implementation of the “Plan for 1,000 Stadiums” across the country.

期間，北體集團與廣西體育局就廣西壯族自治區百館計劃進行了深入溝通，北體集團對「百館計劃」在全國的發展情況做了系統的分析與數據示例，並就「百館計劃」在廣西壯族自治區的佈局與發展規劃做了前瞻性的分析研討。本次考察對推進「千館計劃」在廣西壯族自治區的發展至關重要，同時也是推動「千館計劃」全國開花的重要一步。

7 產品·共創價值(續)

7.4 促進合作共贏(續)



Guangxi Sports Bureau exchanged the new technology of MetaSpace Air Dome with the Group
廣西體育局與北體集團交流約頓氣膜新技術

7 PRODUCT • CREATE VALUE TOGETHER (Cont'd)

7.4 Promoting win-win cooperation (Cont'd)

CASE 案例

The Group made efforts to boost the development of sports in Hainan
北體集團助力推動海南體育事業發展

In July 2018, the Department of Culture, Radio, Television, Publication and Sports of Hainan Province (海南省文化廣電出版體育廳) held a strategic cooperation signing ceremony with the Group. The Group's resource advantages in the construction and operation of the national fitness stadiums will play an important role. As for the cooperation with Hainan Yunsu Group (海南雲宿集團) in future, the Group plans to invest for construction of approximately 30 new air dome sports stadiums in various cities and counties in Hainan Province from 2018 to 2023, with a view to create a national fitness platform with integration of national physical fitness, national health monitoring, professional fitness guidance and people sports activities. It also exerted great effort in sectors such as the planning, construction and operation of sports parks, special cultural and sports towns, cultivated and developed brand events simultaneously through construction of event base in seven cities and counties connected with central Hainan, to promote the development of people sports events and give full play to the role of national fitness in the development of the sports industry. We actively promote the integration and development of the national fitness and tourism industry and upgrade sports tourism products and services, thereby making the sports industry become the new growth pole of key economic industries in Hainan Province during the period of 13th Five-Year Plan, and providing strong driving force for supply-side structural reform and economic transformation and upgrading for Hainan Province.

2018年7月，海南省文化廣電出版體育廳與北體集團舉行戰略合作簽約儀式，北體集團在全民健身場館投建、運營的資源優勢將發揮重要作用，未來與海南雲宿集團合作，計劃從2018年到2023年，在海南省各市縣投資建設約30座新型氣膜運動場館，打造集全民體育健身、全民體質監測、專業健身指導、群眾體育活動為一體的全民健身平台。並在體育公園、文化體育特色小鎮的規劃、建設和運營等領域全面發力，同步進行品牌賽事的培育和打造，在海南中部連線的7個市縣建設賽事基地，促進群眾體育賽事的發展，充分發揮全民健身對發展體育產業的動力源作用。我們積極推動全民健身與旅遊產業的融合發展，升級體育旅遊產品和服務，讓體育產業成為「十三五」時期海南省重點經濟產業的新增長極，為海南省供給側結構性改革和經濟轉型升級提供強勁的動力。



The Group made efforts to boost the development of sports in Hainan
北體集團助力推動海南體育事業發展

7 PRODUCT • CREATE VALUE TOGETHER (Cont'd)

7.4 Promoting win-win cooperation (Cont'd)

CASE 案例

The Group engaged in strategic cooperation with Bohai Real Estate (博海地產) 北體集團與博海地產進行戰略合作

In 2018, Zhong Hu Dingfeng, a subsidiary of the Group, and Qingdao Bohai Real Estate Group Co., Ltd. (青島博海地產集團有限公司) formally reached a strategic cooperation agreement. In this cooperation, both parties will give full play to their resource advantages and capitalize on the great cooperation formed by the national fitness, sports training, sports events and other related sports industries, and actively engage in the investment, construction and promotion of innovative air dome sports stadiums and sports parks. Improved sports and leisure products and services enable the sports to be the “rigid demand” of life of the people in Qingdao and even the country, thus driving the growth of regional sports consumption and contributing to the upgrading of the sports industry structure.

2018年，北體集團旗下子公司中互鼎烽與青島博海地產集團有限公司正式達成戰略合作協議。此次合作，雙方將充分發揮資源優勢，以全民健身、體育培訓、體育賽事等相關體育產業形成的大合作為契機，積極投身於創新型氣膜體育場館及體育公園的投資、建設、推廣。通過完善體育休閒產品和服務，讓體育運動成為青島乃至全國百姓的生活「剛需」，從而帶動區域體育消費增長，為體育產業結構升級貢獻力量。



The Group engaged in strategic cooperation with Bohai Real Estate
北體集團與博海地產進行戰略合作

8 COMMUNITY • BUILD A BETTER ONE TOGETHER

Through fully fulfilling our corporate social responsibilities, giving back to the community with care and warmth, actively carrying out poverty alleviation activities, participating in community public welfare undertakings, we bring long-term benefits to local communities and promote rapid development of economy and society.

8.1 Poverty alleviation

While pursuing performance growth, the Group actively responded to the national call for poverty alleviation and vigorously carried out targeted poverty alleviation. During the year, in the Chengde poverty alleviation project, the Group drove farmers to develop edible mushroom industry, assisted poor villages out of poverty, and promoted the development of local agricultural industry.

8 社區·共建美好

我們充分履行企業社會責任，用愛心和溫暖回饋社會，積極開展扶貧關愛活動，參與社區公益事業，為當地社區帶來長遠利益，促進經濟與社會快速發展。

8.1 扶貧關愛

在追求業績增長的同時，北體集團積極響應國家扶貧號召，大力開展精準扶貧工作。本年度，在承德扶貧項目中，集團帶動農戶發展食用菌產業，扶持貧困村脫貧致富，促進當地農業產業的發展。

8 COMMUNITY • BUILD A BETTER ONE TOGETHER (Cont'd)

8.1 Poverty alleviation (Cont'd)

8 社區·共建美好(續)

8.1 扶貧關愛(續)

CASE 案例

Chengde poverty alleviation project – Air dome edible mushroom production base 承德扶貧項目－氣膜食用菌生產基地

Chengde Shuangcheng Biotechnology Co., Ltd. (承德雙承生物科技股份有限公司) is a non-chemical green environmental protection demonstration base of the National Black Fungus Industry Technology Innovation Alliance. It is equipped with air dome incubator for the cultivation of black fungus cultivars. After application of advanced technology developed by MetaSpace in 2018, its production efficiency was greatly improved, and it also achieved green environmental protection and promote the development of local agricultural industry.

承德雙承生物科技股份有限公司是國家黑木耳產業技術創新聯盟無化學綠色環保示範基地，擁有氣膜養菌室，用於黑木耳的栽培種的培養，並於2018年在採用約頓研發的先進技術後，極大提高生產效率，同時實現綠色環保，推動當地農業產業發展。

In 2018, Chengde used the air dome plant independently developed by MetaSpace to build two cultivation workshops. The environmental disinfection and sterilization technology and the cultivation technology in air dome building form adopted by the project are the first and only in the country. The disinfection and sterilization technology enable the whole planting process of edible mushroom free of chemicals to achieve green environmental protection. The unique and high-efficiency, constant temperature and constant humidity of the air dome cultivation technology could make the cultivation of edible mushroom more safe, with better quality and higher production efficiency, and save energy by 60%. Currently, the production plant with an annual deep processing capacity of 3,000 tons of edible mushroom and an annual production capacity of 50,000 tons of organic fertilizer per year is under planning and construction. After completion, the plant can realize annual sales income of RMB230 million, profit and tax amount of more than RMB50 million, and employment of more than 1,200 people, thereby driving more than 3,000 farming households to develop edible mushroom industry, effectively assisting poor people out of poverty, and greatly promoting the development of local agricultural industry.

2018年，承德採用約頓自主研發建設的氣膜廠房，增建兩座培菌車間。本項目採用的環保消毒殺菌技術和氣膜建築形式培菌技術，屬全國首創且唯一，消毒技術可以使食用菌種植過程全稱不用化學藥品，實現綠色環保。氣膜培菌技術獨特、高效、恆溫恆濕、可以使食用菌菌種培養更加安全、質量更優、生產效率更高，同時可以節能60%。目前，年深加工食用菌3,000噸、年產生物有機肥50,000噸的生產廠正在規劃建設中，建成後年可實現銷售收入2.3億元，利稅5,000餘萬元，安排百姓就業1,200餘人，帶動3,000餘戶農戶發展食用菌產業，有效地幫助貧困百姓脫貧致富，極大地促進當地農業產業的發展。



External view of air dome plant
氣膜廠房外觀圖

8 COMMUNITY • BUILD A BETTER ONE TOGETHER (Cont'd)

8.1 Poverty alleviation (Cont'd)

8 社區·共建美好(續)

8.1 扶貧關愛(續)

CASE 案例

The Group donated clothing to remote mountainous areas 北體集團為偏遠山區捐贈衣物

In 2018, the Group continued its charity activities in 2017 and once again launched initiatives to send winter clothes to remote areas, helping more friends living in the mountains to get through the cold winter; and helping people in remote mountainous areas with caring. In 2018, Zhong Hu Sports, a subsidiary of the Group, held a campaign of donating winter clothes, there was a total of 25 colleagues participated in the campaign of donating winter clothes, with 139 clothes sent.

2018年，北體集團延續2017年的愛心活動，再次發起了為偏遠地區送冬衣的行動，幫助更多山裏生活的朋友度過嚴寒的冬天，用愛給偏遠山區的人們送去溫暖。2018年，北體集團旗下公司中互體育舉辦捐冬衣活動，本次捐冬衣活動共有25位同事參與活動，送去衣物合計139件。



The Group donated clothing to remote mountainous areas
北體集團為偏遠山區捐贈衣物

8 COMMUNITY • BUILD A BETTER ONE TOGETHER (Cont'd)

8.2 COMMUNITY INVOLVEMENT

Beijing Sports has always dedicated to promoting the development of community causes in order to encourage local people to participate in the causes through organizing and carrying out various community activities, so as to create a harmonious and caring humanistic environment for the people. While promoting its own causes concept, the Group actively uses its own industry advantages to build sports stadiums and innovate sports modes, contribute to the construction of community sports culture and people's healthy life, and inject new power into community involvement.

Promote national fitness

Aiming at to comprehensively creating a safe and convenient sports place, the Group has a long-term commitment to the development, investment, construction and operation of the national fitness stadium, the consolidation and expansion of the entire industry chain, and the nationwide promotion of the construction of national fitness stadium focused on new air dome stadium on a continuous basis. In 2018, the Group continued the construction strategy of national sports place of nationwide "Plan for 1,000 Stadiums" and officially launched the "Plan for 100 Stadiums" in Guangdong Province. We will be committed to the development, investment, construction and operation of the national fitness stadium, the consolidation and expansion of the entire industry chain in the long run. The national fitness stadium focused on the new air dome will be deployed across the country in future. In addition, the Group has long been committed to the extensive promotion of ice and snow sports and the construction of ice and snow sports facilities covering all over the country. The Group officially launched the Fuzhou Ice and Snow City Project in 2018, which not only satisfied the needs of the southern urban residents to participate in the snow and ice sports, but also brought new driving force to the ice and snow economy.

8 社區·共建美好(續)

8.2 社區公益

北京體育始終堅持推動公益事業發展，通過組織和開展豐富多樣的社區活動，帶動當地社區人民共同參與公益，為社區人民打造和諧有愛的人文氣氛。集團在宣傳自身公益理念的同時，我們積極利用自身的行業優勢，建設體育場館、創新運動方式，為社區體育文化建設和人民健康生活做出貢獻，為社區公益注入新力量。

助力全民健身

北體集團以全面打造安全便捷的運動場所為目標，長期致力於全民健身場館開發、投資、建設和運營全產鏈的夯實和拓展，在全國範圍內持續推進新型氣膜場館為主體的全民健身場館的建設。2018年，集團延續全國「千館計劃」的全民運動場所建設戰略，在廣東省正式啟動全民健身「百館計劃」，我們將長期致力於全民健身場館開發、投資、建設和運營全產鏈的夯實和拓展，以新型氣膜場館為主體的全民健身場館未來將在全國大範圍的鋪設。同時，集團長期致力於廣泛開展冰雪運動的宣傳推廣，建設覆蓋全國的冰雪運動設施，集團2018年正式啟動福州冰雪城項目，不但滿足了南方城市居民參與冰雪運動的需求，也為冰雪經濟帶來了新動力。

8 COMMUNITY • BUILD A BETTER ONE TOGETHER (Cont'd)

8.2 COMMUNITY INVOLVEMENT (Cont'd)

Promote national fitness (Cont'd)

CASE 案例

The Group launched the “Plan for 100 Stadiums” in Guangdong Province
北體集團啟動廣東省「百館計劃」

In February 2018, the “Plan for 100 Stadiums” project of national fitness in Guangdong Province initiated by Beijing Sports and Entertainment Industry Group was officially launched. The project focuses on “peoples’ sports”, builds and expands national fitness stadiums, narrows the gap with developed countries in the world, and plans to make investments in building of 100 new stadiums air-supported dome sports stadiums in Guangdong Province in the next 3 to 5 years. Moreover, the stadiums built by the project will serve as government service facilities, and will also carry out comprehensive operations such as youth training and stadiums rental for local sports, which actively promoted the integration development of national fitness and national health, and continuously enhanced the health standards of the people in Guangdong Province.

2018年2月，由北京體育文化產業集團發起的廣東省全民健身「百館計劃」項目正式啟動。該項目聚焦「群眾體育」，增建擴建全民健身場館，縮小與世界發達國家的差距，並計劃在未來3-5年時間裏，以投資建設的方式在廣東省範圍內打造100個以氣膜建築為主要載體的新型體育場館。同時該項目所建場館將作為政府服務配套設施，也將進行本地體育項目青少年培訓、場館租賃等綜合運營，積極推進全民健身與全民健康融合發展，不斷提高廣東省人民健康水平。

By leveraging on the existing outdoor venues, we quickly cover different areas such as communities, schools and parks. The air dome stadiums introduce new technologies, new materials and new processes. While taking into account of multi-functionality, we also pay attention to standardization, energy conservation and environmental protection and humanistic design, which is in line with and echoes the leap development of the cities in Guangdong Province.

我們可以利用現有的室外場地，迅速覆蓋社區、學校、公園等不同區域。氣膜球館引入新技術、新材料、新工藝，在考慮多功能的同時，注重標準化、節能環保及人文設計，與廣東省的城市飛躍發展相配套、相呼應。



Launching Ceremony of the “Plan for 100 Stadiums” for the national fitness in Guangdong Province
廣東省全民健身「百館計劃」啟動儀式

8 COMMUNITY • BUILD A BETTER ONE TOGETHER (Cont'd)

8.2 COMMUNITY INVOLVEMENT (Cont'd)

Promote national fitness (Cont'd)

8 社區·共建美好(續)

8.2 社區公益(續)

助力全民健身(續)

CASE 案例

Plan for 1,000 Stadiums – Basketball Air Dome Sports Center 千館計劃－籃球氣膜運動中心

We firmly believe that “a healthy environment is the beginning of sports”, the Group hopes to transmit the concept of exercise for health all over the country through the construction and implementation of the “Plan for 1,000 Stadiums” across the country. In 2018, the first “Interactive Stadium” Basketball Air Dome Sports Center in Nanchang was opened. By leveraging on the advanced experience in construction of professional and advanced national fitness stadium, the Group set up a physical fitness test, fitness guidance and national health big data and other services by focusing on meeting the fitness needs of the people, thereby creating the new air dome stadium into a base for the fitness, physical fitness testing and wellness of people. The opening of the first basketball air dome sports center in Nanchang provided high-quality fitness venues for the public and was highly welcomed and praised by the local citizens.

我們堅信「健康的環境是運動的起點」，北體集團希望通過「千館計劃」在全國的建設實施，將這一運動健康的理念傳遞到全國。2018年，南昌首個「互動氣場」籃球氣膜運動中心開業，集團憑藉專業先進的全民健身場館建設的先進經驗，以契合民眾健身健康需求為出發點，設立了健康體測、健身指導及全民健康大數據等服務，將新型氣膜場館打造成老百姓健身、體測、康體的基地。南昌首個籃球氣膜運動中心開業後，為市民提供優質的健身場地，並受到當地市民的高度歡迎和一致好評。



Basketball Air Dome Sports Center
籃球氣膜運動中心

8 COMMUNITY • BUILD A BETTER ONE TOGETHER (Cont'd)

8.2 COMMUNITY INVOLVEMENT (Cont'd)

Volunteer service

Beijing Sports proactively participates in social construction, and strongly encourages employees to participate in volunteer service activities to make continuous efforts to promote social harmony. The Group carries out various volunteer services regularly, pays close attention to the livelihood in the community in a timely manner, and actively solve problems for surrounding residents, which were highly praised by the people. By organizing healthy and orderly volunteer activities, the Group has enhanced employees' sense of social responsibility, promoted the awareness of serving society, and established a good corporate image.

8 社區·共建美好(續)

8.2 社區公益(續)

志願服務

北京體育積極投身社會建設，大力提倡公司員工參與志願服務活動，為促進社會和諧做出持續努力。集團定期開展種類豐富的志願活動，及時關注小區群眾的生活質量，積極為周邊群眾排憂解惑，受到群眾的高度贊揚。集團通過組織健康有序的志願活動，增強了員工的社會責任感，宣傳了服務社會意識，樹立了自身良好的企業形象。

APPENDIX I AN OVERVIEW OF SUSTAINABLE DEVELOPMENT

List of policies

附錄I 可持續發展綜述

政策列表

ESG Indicator ESG指標	Compliance with National Policy 遵守國家政策	Internal Policy 內部政策
A Environment 環境	<p>Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Waste 《中華人民共和國固體廢物污染環境防治法》</p> <p>Environmental Protection Law of the People's Republic of China 《中華人民共和國環境保護法》</p> <p>Atmospheric Pollution Prevention and Control Law of the People's Republic of China 《中華人民共和國大氣污染防治法》</p> <p>Water Pollution Prevention and Control Law of the People's Republic of China 《中華人民共和國水污染防治法》</p> <p>National Hazardous Waste List 《國家危險廢棄物名錄》</p> <p>Code for Indoor Environmental Pollution Control of Civil Building 《民用建築室內環境污染控制規範》</p>	<p>Environmental Protection and Energy Conservation Regulation 《環保節能管理規定》</p>
BI. Employment 僱傭	<p>Labor Law of the People's Republic of China 《中華人民共和國勞動法》</p> <p>Labor Contract Law of the People's Republic of China 《中華人民共和國勞動合同法》</p> <p>Employment Promotion Law of the People's Republic of China 《中華人民共和國就業促進法》</p> <p>Social Insurance Law of the People's Republic of China 《中華人民共和國社會保險法》</p> <p>Provisions on the Prohibition of Using Child Labor 《禁止使用童工規定》</p> <p>Law on Protection of Minors of the People's Republic of China 《中華人民共和國未成年人保護法》</p>	<p>Labor Contracts/Non-disclosure Agreement/Job Description 《勞動合同／保密協議／職位說明書》</p> <p>Travel Management Regulations 《出差管理規定》</p> <p>Regulations on Paid Annual Leave for Employees 《職工帶薪年休假條例》</p> <p>Staff Rules and Regulations 《員工規章制度》</p> <p>Attendance Management Regulations 《考勤管理規定》</p>

APPENDIX I AN OVERVIEW OF SUSTAINABLE DEVELOPMENT (Cont'd)

附錄I 可持續發展綜述(續)

List of policies (Cont'd)

政策列表(續)

ESG Indicator ESG指標	Compliance with National Policy 遵守國家政策	Internal Policy 內部政策
B2. Health and Safety 健康與安全	<p>Law on the Protection of Rights and Interests of Labor 《勞動者權益保護法》</p> <p>Labor Law of the People's Republic of China 《中華人民共和國勞動法》</p> <p>Fire Prevention Law of the People's Republic of China 《中華人民共和國消防法》</p> <p>Safe Production Law of the People's Republic of China 《中華人民共和國安全生產法》</p> <p>Law of the People's Republic of China on the Prevention and Control of Occupational Diseases 《中華人民共和國職業病防治法》</p> <p>Regulations on Occupational Injury Insurance 《工傷保險條例》</p> <p>Regulations on Production Safety License Measures on the Supervision and Administration on Occupational Hygiene of Workplace 《安全生產許可證條例》 《工作場所職業衛生監督管理規定》</p> <p>Regulations on the Reporting, Investigation and Disposition of Work Safety Accidents 《生產安全事故報告和調查處理條例》</p>	Safety Administration Regulations on Office Area 《辦公區域安全管理規定》
B3. Development and Training 發展及培訓	—	—
B5. Supply Chain Management 供應鏈管理	Tender and Bidding Law of the People's Republic of China 《中華人民共和國招投標法》	—

APPENDIX I AN OVERVIEW OF SUSTAINABLE DEVELOPMENT (Cont'd)

List of policies (Cont'd)

附錄I 可持續發展綜述(續)

政策列表(續)

ESG Indicator ESG指標	Compliance with National Policy 遵守國家政策	Internal Policy 內部政策
B6.Product Liability 產品責任	Trademark Law of the People's Republic of China 《中華人民共和國商標法》 Advertising Law of the People's Republic of China 《中華人民共和國廣告法》 Patent Law of the People's Republic of China 《中華人民共和國專利法》 Product Quality Law of the People's Republic of China 《中華人民共和國產品質量法》 The Consumer Protection Law of the PRC 《中華人民共和國消費者權益保護法》	Project Evaluation Management Method 《項目評估管理辦法》 Complaint Handling Procedures 《投訴處理程序》
B7.Anti-Corruption 反貪腐	Company Law of the People's Republic of China 《中華人民共和國公司法》 Anti-Money-Laundering Law of the People's Republic of China 《中華人民共和國反洗錢法》 Anti-Monopoly Law of the People's Republic of China 《中華人民共和國反壟斷法》 Anti-Unfair Competition Law of the People's Republic of China 《中華人民共和國反不正當競爭法》 Interim Provisions on Prohibiting Commercial Bribery 《關於禁止商業賄賂行為的暫行規定》	Regulations on Integrity and Self-Discipline Management 《廉潔自律管理規定》
B8.Community Investment 社區投資	Charity Law of the People's Republic of China 《中華人民共和國慈善法》	—

APPENDIX I AN OVERVIEW OF SUSTAINABLE DEVELOPMENT (Cont'd)

附錄I 可持續發展綜述(續)

Tables of key performance

關鍵績效列表

		Environmental Data	
		環境類數據列表	
ESG Indicator	Unit	2017	2018
ESG指標	單位	2017年	2018年
Aspect A1: Emissions			
層面A1：排放物			
A1.2	Total emissions and intensity of greenhouse gas		
	溫室氣體總排放量及密度		
	Scope 1 greenhouse gas emissions	tCO ₂ e	66.65
	範疇一溫室氣體排放量	噸二氧化碳當量	154.70
	Scope 2 greenhouse gas emissions	tCO ₂ e	182.20
	範疇二溫室氣體排放量	噸二氧化碳當量	957.60
	Total GHG emission	tCO ₂ e	248.85
	溫室氣體排放總量	噸二氧化碳當量	1,112.30
	Density of GHG emission	tCO ₂ e/operating income in	1.59
	溫室氣體排放密度	HKD million	7.16
		噸二氧化碳當量／	
		百萬港元營業收入	
A1.3	Total hazardous waste produced		
	所產生有害廢棄物總量		
	Printer toners	piece	14
	打印機硒鼓	個	46

APPENDIX I AN OVERVIEW OF SUSTAINABLE DEVELOPMENT (Cont'd)

Tables of key performance (Cont'd)

附錄I 可持續發展綜述(續)

關鍵績效列表(續)

ESG Indicator ESG指標	Environmental Data 環境類數據列表		
	Unit 單位	2017 2017年	2018 2018年
Aspect A1: Emissions (Cont'd) 層面A1：排放物(續)			
Intensity of printer toners 打印機硒鼓密度	piece/operating income in HKD million 個/百萬港元營業收入	0.09	0.30
Cell 電池	piece 個	25	109
Intensity of cell 電池密度	piece/operating income in HKD million 個/百萬港元營業收入	0.16	0.70
Large scale electrical and electronic equipment that is out of service but not recyclable or reusable 報廢大型電子電器設備 (不可再回收利用)	unit 部	2	34
Intensity of large scale electrical and electronic equipment that is out of service but not recyclable or reusable 報廢大型電子電器設備密度 (不可再回收利用)	unit/operating income in HKD million 部/百萬港元營業收入	0.01	0.22

APPENDIX I AN OVERVIEW OF SUSTAINABLE DEVELOPMENT (Cont'd)

附錄I 可持續發展綜述(續)

Tables of key performance (Cont'd)

關鍵績效列表(續)

		Environmental Data 環境類數據列表	
ESG Indicator ESG指標	Unit 單位	2017 2017年	2018 2018年
Aspect A1: Emissions (Cont'd) 層面A1：排放物(續)			
A1.4	Total non-hazardous waste produced 所產生無害廢棄物總量		
	Waste paper/waste paper skin 廢紙／廢包裝紙皮	kg 千克	200 388.18
	Intensity of waste paper/waste paper skin 廢紙／廢包裝紙皮密度	kg/operating income in HKD million 千克／百萬港元營業收入	1.28 2.50
	Waste plastic bottle 廢塑料瓶	kg 千克	149.24 458.20
	Intensity of waste plastic bottle 廢塑料瓶密度	kg/operating income in HKD million 千克／百萬港元營業收入	0.95 2.95
	Waste badminton 廢羽毛球	kg 千克	11 555
	Intensity of waste badminton 廢羽毛球密度	kg/operating income in HKD million 千克／百萬港元營業收入	0.07 3.57
	Air purifier filter 空氣淨化器濾芯	piece 個	— 25
	Intensity of air purifier filter 空氣淨化器濾芯密度	piece/operating income in HKD million 個／百萬港元營業收入	— 0.16

APPENDIX I AN OVERVIEW OF SUSTAINABLE DEVELOPMENT (Cont'd)

Tables of key performance (Cont'd)

附錄I 可持續發展綜述(續)

關鍵績效列表(續)

		Environmental Data 環境類數據列表		
ESG Indicator ESG指標		Unit 單位	2017 2017年	2018 2018年
Aspect A1: Emissions (Cont'd) 層面A1：排放物(續)				
A1.5	Total hazardous wastes recycled 所回收有害廢棄物總量			
	Electrical and electronic equipment that is out of service and recyclable 報廢電子電器設備(可再回收利用)	unit 部	2	27
A1.6	Total non-hazardous waste recycled 所回收無害廢棄物總量			
	Recycled waste paper/waste paper skin 廢紙/廢包裝紙皮回收	kg 千克	200	370.50
	Plastic bottle 塑料瓶	kg 千克	149.24	470.20
Aspect A2: Use of Resources 層面A2：資源使用				
A2.1	Total consumption and intensity of energy 能源總耗量及密度			
	Gasoline 汽油	litre 升	22,002	31,434.10
	Intensity of gasoline 汽油密度	litre/operating income in HKD million 升/百萬港元營業收入	140.32	202.28
	Diesel 柴油	litre 升	—	38
	Intensity of diesel 柴油密度	litre/operating income in HKD million 升/百萬港元營業收入	—	0.24
	Natural gas 天然氣	m ³ 立方米	18,210	59,205.80

APPENDIX I AN OVERVIEW OF SUSTAINABLE DEVELOPMENT (Cont'd)

附錄I 可持續發展綜述 (續)

Tables of key performance (Cont'd)

關鍵績效列表 (續)

		Environmental Data	
		環境類數據列表	
ESG Indicator	Unit	2017	2018
ESG指標	單位	2017年	2018年
Aspect A2: Use of Resources (Cont'd)			
層面A2：資源使用 (續)			
Intensity of natural gas	m ³ /operating income	116.14	380.99
天然氣密度	in HKD million		
	立方米／百萬港元營業收入		
Total electricity consumption	kWh	240,803	1,147,900
(operations of office and stadiums)	千瓦時		
總用電 (辦公及場館運營)			
Intensity of total electricity consumption	kWh/operating income	1,535.73	7,386.74
總用電密度	in HKD million		
	千瓦時／百萬港元營業收入		
A2.2	Water resources consumption and density		
	水資源消耗量及密度		
Total water consumption	m ³	380	3,091
(operations of office and stadiums)	立方米		
總耗水 (辦公及場館運營)			
Intensity of total water consumption	m ³ /operating income	2.42	19.89
總耗水密度	in HKD million		
	立方米／百萬港元營業收入		

APPENDIX I AN OVERVIEW OF SUSTAINABLE DEVELOPMENT (Cont'd)

Tables of key performance (Cont'd)

附錄I 可持續發展綜述(續)

關鍵績效列表(續)

		Social Data 社會類數據列表	
ESG Indicator	Unit	2017	2018
ESG指標	單位	2017年	2018年
Aspect B1: Employment			
層面B1：僱傭			
B1.1	Total workforce by gender, employment type, age group and geographical region 按性別劃分、僱傭類型、年齡組別及地區劃分的僱員總數		
Total number of staff 員工總人數	person 人	115	102
By gender 按性別劃分			
Male 男性員工數	person 人	68	66
Female 女性員工數	person 人	47	36
By employment type 按僱員類別劃分			
Senior management 高級管理層數	person 人	20	17
Middle management 中層管理層數	person 人	31	12
Junior-level employees 基層員工數	person 人	62	73

APPENDIX I AN OVERVIEW OF SUSTAINABLE DEVELOPMENT (Cont'd)

Tables of key performance (Cont'd)

附錄I 可持續發展綜述(續)

關鍵績效列表(續)

ESG Indicator ESG指標	Social Data 社會類數據列表		
	Unit 單位	2017 2017年	2018 2018年
Aspect B1: Employment (Cont'd) 層面B1：僱傭(續)			
By age 按年齡劃分			
Below 29 29歲以下	person 人	42	30
29-49 29-49歲	person 人	71	69
50 or above 50歲或以上	person 人	2	3
By geographical region 按地區劃分			
Mainland China 中國內地	person 人	114	101
Hong Kong, Macau & Taiwan 港澳台	person 人	0	1
Overseas 海外	person 人	1	0

APPENDIX I AN OVERVIEW OF SUSTAINABLE DEVELOPMENT (Cont'd)

Tables of key performance (Cont'd)

附錄I 可持續發展綜述(續)

關鍵績效列表(續)

		Social Data 社會類數據列表		
ESG Indicator ESG指標		Unit 單位	2017 2017年	2018 2018年
Aspect B1: Employment (Cont'd) 層面B1：僱傭（續）				
B1.2	Number of employee turnover and turnover rate by gender, age group and geographical region 按性別、年齡組別及地區劃分的僱員流失人數及比率			
	Employee turnover rate 員工流失比率	person 人	—	—
Aspect B2: Health and Safety 層面B2：健康與安全				
B2.1	Work-related deaths (person) 因工作關係而死亡的人數			
	Work-related deaths (person) 因工作關係死亡人數	person 人	0	0
	Work-related death rate 因工作關係死亡比率	% 百分比	0	0
B2.2	Weekdays lost due to work injuries 因工傷損失工作日數			
	Frequency of work injuries 工傷發生次數	case 次	0	2
	Weekdays lost due to work injuries 因工傷損失工作日數	day 天	0	69

APPENDIX I AN OVERVIEW OF SUSTAINABLE DEVELOPMENT (Cont'd)

Tables of key performance (Cont'd)

附錄I 可持續發展綜述(續)

關鍵績效列表(續)

ESG Indicator ESG指標	Social Data 社會類數據列表		
	Unit 單位	2017 2017年	2018 2018年
Aspect B3: Development and Training 層面B3：發展與培訓			
B3.1	Employees trained by gender and employee category 按性別及僱員類別劃分受訓僱員		
Total number of employees trained 受訓總人數	person-time 人次	132	561
By gender 按性別劃分			
Male 男性員工數	person 人	75	356
Female 女性員工數	person 人	57	205
By employee category 按僱員類別劃分			
Senior management 高層管理人員	person 人	41	69
Middle management 中層管理人員	person 人	57	91
Junior-level employees 基層人員	person 人	34	401

APPENDIX I AN OVERVIEW OF SUSTAINABLE DEVELOPMENT (Cont'd)

Tables of key performance (Cont'd)

附錄I 可持續發展綜述(續)

關鍵績效列表(續)

		Social Data 社會類數據列表	
ESG Indicator	Unit	2017	2018
ESG指標	單位	2017年	2018年
Aspect B3: Development and Training (Cont'd)			
層面B3：發展與培訓(續)			
B3.2	Training hours of employees by gender and employee category		
	按性別及僱員類別劃分僱員的受訓時數		
Total staff training duration	hour	200	2,943
全體員工總受訓時長	小時		
By gender			
按性別劃分			
Male	hour	100	1,956
男性員工數	小時		
Female	hour	100	987
女性員工數	小時		
By employee category			
按僱員類別劃分			
Total training hours of senior management	hour	61	908
高層管理人員受訓總時長	小時		
Total training hours of middle management	hour	73	530
中層管理人員受訓總時長	小時		
Total training hours of junior-level employees	hour	66	1,505
基層人員受訓總時長	小時		

APPENDIX I AN OVERVIEW OF SUSTAINABLE DEVELOPMENT (Cont'd)

Tables of key performance (Cont'd)

附錄I 可持續發展綜述(續)

關鍵績效列表(續)

ESG Indicator ESG指標	Social Data 社會類數據列表		
	Unit 單位	2017 2017年	2018 2018年
Aspect B5: Supplier Management 層面B5：供應商管理			
B5.1	Number of suppliers by geographical region 按地區劃分的供應商數目		
	Geographical distribution of major suppliers 主要供應商地區分佈		
Southern China 華南	supplier 家	0	7
Eastern China 華東	supplier 家	6	22
Northern China 華北	supplier 家	7	91
Central China 華中	supplier 家	1	0
Northeast China 東北	supplier 家	1	2
Northwest China 西北	supplier 家	0	2
Southwest China 西南	supplier 家	0	0
Overseas 海外	supplier 家	0	0

APPENDIX I AN OVERVIEW OF SUSTAINABLE DEVELOPMENT (Cont'd)

Tables of key performance (Cont'd)

附錄I 可持續發展綜述(續)

關鍵績效列表(續)

		Social Data 社會類數據列表			
ESG Indicator		Unit	2017	2018	
ESG指標		單位	2017年	2018年	
Aspect B6: Product Liability					
層面B6：產品責任					
B6.2	Number of products and service related complaints received				
	接獲關於產品及服務的投訴數目				
	Consumer complaints received	case	0	0	
	接獲消費者投訴	次			
Aspect B7: Anti-corruption					
層面B7：反貪污					
B7.1	Number of concluded legal cases regarding corrupt practices brought against the issuer or its employees during the reporting period				
	於彙報期內對發行人或其僱員提出並已審結的貪污訴訟案件的數目				
	Number of ongoing or concluded legal cases regarding corrupt practices	case	0	0	
	提出或已審結的貪污訴訟案件數目	件			
Aspect B8: Community Investment					
層面B8：社區投資					
B8.2	Resources contributed to the focus areas				
	在專注範疇所動用資源				
	Materials contributed	RMB	10,858	22,000	
	物品捐獻價值	元			
	Employees' participation in volunteer service	person-time	17	27	
	員工參與志願服務	人次			

APPENDIX 2: ENVIRONMENTAL, SOCIAL AND GOVERNANCE CONTENT INDEX

附錄2 環境·社會及管治內容索引

Indicators 指標	Description 指標描述	Corresponding Section 對應報告章節
General disclosure 一般披露	Information on the policies and compliance with relevant laws and regulations that have a significant impact on the issuer relating to air and greenhouse gas emissions, discharges into water and land, and generation of hazardous and non-hazardous wastes, etc. 有關廢氣及溫室氣體排放、向水及土地的排污、有害及無害廢棄物的產生等的政策及遵守對發行人有重大影響的相關法律及規例的資料	Environment • Embrace Harmony Together 環境·共迎和諧 Appendix I Tables of Key Performance 附錄一·關鍵績效列表
AI.1	The types of emissions and respective emissions data 排放物種類及相關排放數據	The Group is gradually improving emissions management and plans to disclose such information in future 北體集團正逐步完善排放物管理，計劃在未來披露該項數據
AI.2	Greenhouse gas emissions in total (in tonnes) and, where appropriate, intensity (e.g. per unit of production volume, per facility) 溫室氣體總排放量（以噸計算）及（如適用）密度（如以每產量單位、每項設施計算）	Environment • Embrace Harmony Together 環境·共迎和諧 Appendix I Tables of Key Performance 附錄一·關鍵績效列表
AI.3	Total hazardous waste produced (in tonnes) and, where appropriate, intensity (e.g. per unit of production volume, per facility) 所產生有害廢棄物總量（以噸計算）及（如適用）密度（如以每產量單位、每項設施計算）	Environment • Embrace Harmony Together 環境·共迎和諧 Appendix I Tables of Key Performance 附錄一·關鍵績效列表
AI.4	Total non-hazardous waste produced (in tonnes) and, where appropriate, intensity (e.g. per unit of production volume, per facility) 所產生無害廢棄物總量（以噸計算）及（如適用）密度（如以每產量單位、每項設施計算）	Environment • Embrace Harmony Together 環境·共迎和諧 Appendix I Tables of Key Performance 附錄一·關鍵績效列表

APPENDIX 2: ENVIRONMENTAL, SOCIAL AND GOVERNANCE CONTENT INDEX (Cont'd)

附錄2 環境·社會及管治內容索引(續)

Indicators 指標	Description 指標描述	Corresponding Section 對應報告章節
A1.5	Description of measures to mitigate emissions and results achieved 描述減輕排放量的措施及所得成果	Environment • Embrace Harmony Together 環境·共迎和諧
A1.6	Description of how hazardous and non-hazardous wastes are handled, reduction initiatives, and results achieved 描述處理有害及無害廢棄物的方法、減輕產生量的措施及所得成果	Environment • Embrace Harmony Together 環境·共迎和諧
General Disclosure 一般披露	Policies on the efficient use of resources, including energy, water and other raw materials 有效使用資源(包括能源、水及其他原材料)的政策	Environment • Embrace Harmony Together 環境·共迎和諧
A2.1	Direct and/or indirect energy consumption by type (e.g. electricity, gas or oil) in total (kWh in '000s) and intensity (e.g. per unit of production volume, per facility) 按類型劃分的直接及／或間接能源(如電、氣或油)總耗量(以千個千瓦時計算)及密度(如以每產量單位、每項設施計算)	Environment • Embrace Harmony Together 環境·共迎和諧
A2.2	Water consumption in total and intensity (e.g. per unit of production volume, per facility) 總耗水量及密度(如以每產量單位、每項設施計算)	Environment • Embrace Harmony Together 環境·共迎和諧
A2.3	Description of energy use efficiency initiatives and results achieved 描述能源使用效益計劃及所得成果	Appendix I Tables of Key Performance 附錄一·關鍵績效列表 Environment • Embrace Harmony Together 環境·共迎和諧
A2.4	Description of whether there is any issue in sourcing water that is fit for purpose, water efficiency initiatives and results achieved 描述求取適用水源上可有任何問題、以及提升用水效益計劃及所得成果	Environment • Embrace Harmony Together 環境·共迎和諧
A2.5	Total packaging material used for finished products (in tonnes) and, if applicable, with reference to per unit produced 製成品所用包裝材料的總量(以噸計算)及(如適用)每生產單位估量	Not applicable 不適用

APPENDIX 2: ENVIRONMENTAL, SOCIAL AND GOVERNANCE
CONTENT INDEX (Cont'd)

附錄2 環境·社會及管治內容索引(續)

Indicators 指標	Description 指標描述	Corresponding Section 對應報告章節
General Disclosure 一般披露	Policies on minimising the issuer's significant impact on the environment and natural resources 減低發行人對環境及天然資源造成重大影響的政策	Environment • Embrace Harmony Together 環境·共迎和諧
A3.1	Description of the significant impacts of activities on the environment and natural resources and the actions taken to manage them 描述業務活動對環境及天然資源的重大影響及已採取管理有關影響的行動	Environment • Embrace Harmony Together 環境·共迎和諧
General Disclosure 一般披露	Information on the policies and compliance with relevant laws and regulations that have a significant impact on the issuer relating to compensation and dismissal, recruitment and promotion, working hours, rest periods, equal opportunity, diversity, anti-discrimination, and other benefits and welfare 有關薪酬及解僱、招聘及晉升、工作時數、假期、平等機會、多元化、反歧視以及其他待遇及福利的政策及遵守對發行人有重大影響的相關法律及規例的資料	Employees • Promote Growth Together 員工·共促成長
BI.1	Total workforce by gender, employment type, age group, and geographical region 按性別、僱傭類型、年齡組別及地區劃分的僱員總數	Employees • Promote Growth Together 員工·共促成長
BI.2	Employee turnover rate by gender, age group and geographical regions 按性別、年齡組別及地區劃分的僱員流失比率	Appendix I Tables of Key Performance 附錄一·關鍵績效列表 Employees • Promote Growth Together 員工·共促成長

APPENDIX 2: ENVIRONMENTAL, SOCIAL AND GOVERNANCE CONTENT INDEX (Cont'd)

附錄2 環境·社會及管治內容索引(續)

Indicators 指標	Description 指標描述	Corresponding Section 對應報告章節
General Disclosure 一般披露	Information on the policies and compliance with relevant laws and regulations that have a significant impact on the issuer relating to providing a safe working environment and protecting employees from occupational hazards 有關提供安全工作環境及保障僱員避免職業化危害的政策及遵守對發行人有重大影響的相關法律及規例的資料	Employees • Promote Growth Together 員工·共促成長
B2.1	Number and rate of work-related fatalities 因工作關係而死亡的人數及比率	Employees • Promote Growth Together 員工·共促成長
B2.2	Lost days due to work injury 因工傷損失工作日數	Appendix I Tables of Key Performance 附錄一·關鍵績效列表 Employees • Promote Growth Together 員工·共促成長
B2.3	Description of occupational health and safety measures adopted, how they are implemented and monitored 描述所採納的職業健康與安全措施，以及相關執行及監察方法	Appendix I Tables of Key Performance 附錄一·關鍵績效列表 Employees • Promote Growth Together 員工·共促成長

APPENDIX 2: ENVIRONMENTAL, SOCIAL AND GOVERNANCE CONTENT INDEX (Cont'd)

附錄2 環境·社會及管治內容索引(續)

Indicators 指標	Description 指標描述	Corresponding Section 對應報告章節
General Disclosure 一般披露	Policies on improving employees' knowledge and skills for discharging duties at work. Description of training activities. 有關提升僱員履行工作職責的知識及技能的政策。描述培訓活動	Employees • Promote Growth Together 員工·共促成長
B3.1	The percentage of employees trained by gender and employee category (e.g. senior management, middle management) 按性別及僱員類別(如高級管理層、中級管理層等)劃分的受訓僱員百分比	Employees • Promote Growth Together 員工·共促成長
B3.2	The average training hours completed per employee by gender and employee category 按性別及僱員類別劃分,每名僱員完成受訓的平均時數	Appendix I Tables of Key Performance 附錄一·關鍵績效列表 Employees • Promote Growth Together 員工·共促成長
General Disclosure 一般披露	Information on the policies and compliance with relevant laws and regulations that have a significant impact on the issuer relating to preventing child or forced labor 有關防止童工或強制勞工的政策及遵守對發行人有重大影響的相關法律及規例的資料	Appendix I Tables of Key Performance 附錄一·關鍵績效列表 Employees • Promote Growth Together 員工·共促成長
B4.1	Description of measures to review employment practices to avoid child and forced labor 描述檢討招聘慣例的措施以避免童工及強制勞工	Employees • Promote Growth Together 員工·共促成長
B4.2	Description of steps taken to eliminate such practices when discovered 描述在發現違規情況時消除有關情況所採取的步驟	Employees • Promote Growth Together 員工·共促成長

APPENDIX 2: ENVIRONMENTAL, SOCIAL AND GOVERNANCE CONTENT INDEX (Cont'd)

附錄2 環境·社會及管治內容索引(續)

Indicators 指標	Description 指標描述	Corresponding Section 對應報告章節
General Disclosure 一般披露	Policies on managing environmental and social risks of the supply chain 管理供應鏈的環境及社會風險政策	Employees • Promote Growth Together 員工·共促成長
B5.1	Number of suppliers by geographical region 按地區劃分的供應商數目	Employees • Promote Growth Together 員工·共促成長
B5.2	Description of practices relating to engaging suppliers, number of suppliers where the practices are being implemented, how they are implemented and monitored 描述有關聘用供應商的慣例·向其執行有關慣例的供應商數目·以及有關慣例的執行及監察方法	Appendix I Tables of Key Performance 附錄一·關鍵績效列表 Employees • Promote Growth Together 員工·共促成長
General Disclosure 一般披露	Information on the policies and compliance with relevant laws and regulations that have a significant impact on the issuer relating to health and safety, advertising, labeling and privacy matters relating to products and services provided and methods of redress 有關所提供產品和服務的健康與安全、廣告、標籤及私隱事宜以及補救方法的政策及遵守對發行人有重大影響的相關法律及規例的資料	Product • Create Value Together 產品·共創價值
B6.1	Percentage of total products sold or shipped subject to recalls for safety and health reasons 已售或已運送產品總數中因安全與健康理由而須回收的百分比	Product • Create Value Together 產品·共創價值
B6.2	Number of products and service related complaints received and how they are dealt with 接獲關於產品及服務的投訴數目以及應對方法	Product • Create Value Together 產品·共創價值
B6.3	Description of practices relating to observing and protecting intellectual property rights 描述與維護及保障知識產權有關的慣例	Product • Create Value Together 產品·共創價值
B6.4	Description of quality assurance process and recall procedures 描述質量檢定過程及產品回收程序	Product • Create Value Together 產品·共創價值
B6.5	Description of consumer data protection and privacy policies, how they are implemented and monitored 描述消費者資料保障及私隱政策·以及相關執行及監察方法	Product • Create Value Together 產品·共創價值

APPENDIX 2: ENVIRONMENTAL, SOCIAL AND GOVERNANCE
CONTENT INDEX (Cont'd)

附錄2 環境·社會及管治內容索引(續)

Indicators 指標	Description 指標描述	Corresponding Section 對應報告章節
General Disclosure 一般披露	Information on the policies and compliance with relevant laws and regulations that have a significant impact on the issuer relating to bribery, extortion, fraud and money laundering 有關防止賄賂、勒索、欺詐及洗黑錢的政策及遵守對發行人有重大影響的相關法律及規例的資料	Responsibility Management 責任管理
B7.1	Number of concluded legal cases regarding corrupt practices brought against the issuer or its employees during the reporting period and the outcomes of the cases 於彙報期內對發行人或其僱員提出並已審結的貪污訴訟案件的數目及訴訟結果	Responsibility Management 責任管理
B7.2	Description of preventive measures and whistle-blowing procedures, how they are implemented and monitored 描述防範措施及舉報程序，以及相關執行及監察方法	Responsibility Management 責任管理
General Disclosure 一般披露	Policies on community engagement to understand the needs of the communities where the issuer operates and to ensure its activities take into consideration the communities' interests 有關以社區參與來瞭解營運所在社區需要和確保其業務活動會考慮社區利益的政策	Community • Build a Better One Together 社區·共建美好
B8.1	Focus areas of contribution (e.g. education, environmental concerns, labor needs, health, culture, sport) 專注貢獻範疇（如教育、環境事宜、勞工需求、健康、文化、體育）	Community • Build a Better One Together 社區·共建美好
B8.2	Resources contributed (e.g. money or time) to the focus area 在專注範疇所動用資源（如金錢或時間）	Community • Build a Better One Together 社區·共建美好
		Appendix I Tables of Key Performance 附錄一·關鍵績效列表

APPENDIX 3 FEEDBACK

Dear reader,

Thank you for reading this report! This is the third Environmental, Social and Governance Report issued by the Group. We do wish you can make a comment on this report and present your valuable advice to help us make continuous improvements to the report.

For any comments or suggestions on the sustainable development of the Group, please email at ir@bsehk.com.

Feedback Form on 2018 Environmental, Social and Governance Report of Beijing Sports and Entertainment Industry Group Limited

Name

Company

Title

Contact No.

Email

附錄3 意見反饋

尊敬的讀者：

感謝您閱讀本報告！這是我們發佈的第三份環境、社會及管治報告，我們非常希望您能夠對本報告進行評價，並提出您的寶貴意見，幫助我們對報告進行持續改進。

如您對北體集團的可持續發展有任何意見或建議，歡迎電郵 ir@bsehk.com

《北京體育文化產業集團有限公司二零一八年度環境、社會及管治報告意見回饋表》

姓名

工作單位

職務

聯繫電話

電子郵箱

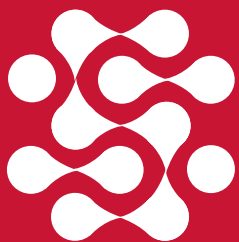
APPENDIX 3 FEEDBACK (Cont'd)

Your comments on this report: (Please tick as appropriate)

附錄3 意見反饋 (續)

您對本報告的評價：(請在相應位置打√)

	Very good 很好	Fairly good 較好	General 一般	Fairly poor 較差	Very poor 很差
Do you think this report highlights the important information of the Group in respect of the environment, society and governance? 您認為本報告是否突出反映本集團在環境、社會及管治方面的重要信息？					
Do you think the information and indicators disclosed in this report are clear, accurate and complete? 您認為本報告披露的信息、指標是否清晰、準確、完整？					
Do you think the arrangement of content and style design of this report are reader-friendly? 您認為本報告的內容編排和風格設計是否便於閱讀？					
Which part in the report are you the most interested in? 您對報告哪一部分內容最感興趣？					
What other information that you need to know about is not reflected in this report? 您認為還有哪些需要瞭解的信息沒有在本報告中反映？					
What advice do you have for our future release of environmental, social and governance reports? 您對我們今後發佈環境、社會及管治報告有甚麼建議？					



HK01803

北京體育文化產業集團有限公司
BEIJING SPORTS AND ENTERTAINMENT INDUSTRY GROUP LIMITED