

China Unicom Shaanxi branch tested the new model of "Internet + Targeted Poverty Alleviation" and built an administration platform for poverty aid officers stationed at villages, which covered approximately 900 departments and units, and more than 60,000 active handset users, opening up a convenient channel between supply and demand for agricultural products.



Data display on the Big Data Poverty Alleviation Information Command Centre

China Unicom Beijing branch worked with Fogukou Village in fighting poverty on a long-term basis under the "One Enterprise, One Village" matching system for aid and assistance. We offered assistance in connection with communication services, smart agriculture, fruit sales and low-income farmers, etc. We called on our staff to buy 4,039 boxes of apples from Fogukou Village for approximately RMB400,000 and procured close to 10,000 apple boxes to facilitate sales.

Solid progress in assistance to Xinjiang and Tibet

China Unicom continued to increase its targeted financial assistance to Tibet. Since the "13th Five-year Plan", we have been focusing on the poverty alleviation goal of "Casting away worries in two aspects and providing assurance in three" by implementing the relocation project, health project and education informatisation project, aiding through empowering and making strong efforts to help Geji fight against poverty and solve the practical difficulties of the underprivileged. 180,000 China Unicom customers participated in the "charity library" donation for schools in Southern Xinjiang, with a total of 126 million points donated. We also donated "charity libraries" to 132 schools in Sidizhou, Southern Xinjiang for the benefit of more than 85,000 primary and secondary students.



Paying visit to relocated families in Geji County, Tibet



Provided training in relation to poverty alleviation and education assistance for Geji County civil servants and staff of China Unicom Tibet branch.

FEATURE STORY IV: DELIVERING 2022 SMART WINTER OLYMPICS

As the sole partner in official communication services for Beijing 2022 Winter Olympics and Paralympics, China Unicom incorporated the ideology of "eco-friendliness, openness, sharing and integrity" into its Olympic communication service regime in close tandem with the theme of "Smart Winter Olympics Connecting the Future". The Company is committed to supporting the Olympics with smart networks and hyper speeds, serving the Olympics with smart applications and an extensive range of products and services, and safeguarding the Olympics with smart technologies and professional teams. China Unicom pledged to fuel powerful new energy to ensure the success of the Winter Olympics and another manifestation of China's strengths.

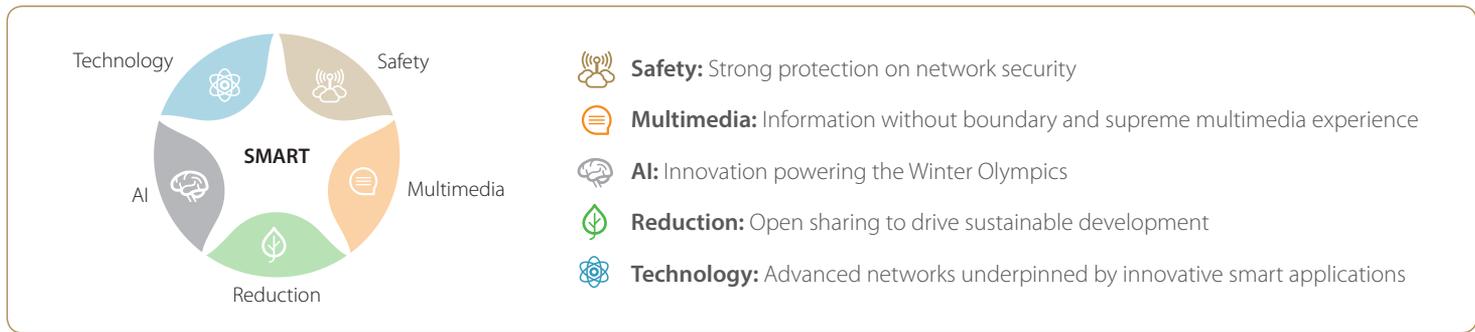
At the China Unicom Day of the Olympic Expo held in Beijing in August 2018, Mr. Juan Antonio Samaranch, Vice President of the International Olympic Committee and Chair of the Coordination Commission for the Olympic Winter Games Beijing 2022, made a remark:

"China Unicom's pledge for a 'Smart Winter Olympics Connecting the Future' has raised our expectations for 2022 Winter Olympics. The fast development of communication technologies has not only fulfilled the demand for "faster, higher-speed and stronger" networks, but also has provided many more possibilities in how Olympic sports could carry out. I believe that China Unicom will team with Beijing Organising Committee to deliver a most spectacular, superb and extraordinary Winter Olympics event."



Elucidating the core objectives of Smart Winter Olympics

The core "SMART" objectives of China Unicom's Smart Winter Olympics compose of safe Olympics, digital Olympics, smart Olympics, green Olympics and hi-tech Olympics, highlighting China Unicom 5G's boost to underpin the "Smart Winter Olympics".



China Unicom's core objectives for Smart Winter Olympics

Unfolding the Smart Winter Olympics strategic plan



China Unicom Smart Winter Olympics Strategy Conference

Assurance plan: 5G technology empowering the Winters Olympics with the buildout of a smart assurance system

China Unicom is committed to creating a range of smart applications based mainly on innovative 5G technologies. Leveraging VR, AI, edge computing, and other technologies on the back of 5G network assurance underpinned by high speed, low latency and massive connectivity, the Company is building a smart application platform for the Winter Olympics to provide smart applications such as 360-degree panoramic live broadcast, VR immersion experience and game site medical care, in a bid to empower Smart Winter Olympics through 5G technologies.

More than RMB1.5 billion had been invested in connection with the Winter Olympics to upgrade and construct a 5G-driven ubiquitous broadband communication network and create a smart operational assurance system, in a full effort to accomplish the three major goals to offer superb user experience, premium event services and smart stadium operation.

Development plan: expanding the scope of cooperation in game events for joint inclusion in smart living

Leveraging the advantage as the sole partner in official communication services for Beijing Winter Olympics, China Unicom has made intensive efforts to explore scenarios and applications in relation to Smart Winter Olympics and provide smart solutions, in a move to foster new energy for development by diversifying to key sectors such as smart city, media and Internet of vehicles.

By actively working in partnership and to create an industrial ecosystem for resource integration, complementary advantages, and mutual success, China Unicom and partners together built a "smart living privilege sharing platform" that covered sectors including fashion, catering, style-living, transportation, and entertainment, as to create exclusive Winter Olympic products and benefits for the general public well-being, in order to encourage public participation in the winter sports, achieving the national goal of having "300 million citizens to participate in winter sports".

Upgrade plan: sharing mutual success with co-development in the Winter Olympics

China Unicom has been offering vigorous sponsorships in connection with Beijing 2022 Winter Olympics, not only it is an advantage to enhance the brand image of the Company, but also highlighting the value of cooperation that we sought and elevating the standards in management, as well as facilitating the formation of specialised teams, all of which foster the building of our corporate culture. Externally, a smart service regime is to be built with the goal of securing brand sponsorships for winter sports to be accomplished, resulting in mutual success for both China Unicom and the Winter Olympics.

Enhancing ecological cooperation in Smart Winter Olympics

At "Beijing 2022 Partner Club Launch Ceremony and the Olympics Marketing Summit Forum", China Unicom, as a member unit, expressed the intentions to grab the opportunities afforded by the Winter Olympics and Paralympics to vigorously develop the new-generation networks, and in a full effort to building a 5G capital leading in coverage, perception and applications. The Company also announced the new deployments and measures for advancing 5G.

For 5G deployment, Beijing will be a key city for the 5G trial in network construction while exploring for new business models. Leveraging the mixed-ownership reform, step up to nurture and enhancing high-quality 5G innovative development will empower new energy. With the spirits of Winter Olympics, efforts are made on all fronts to turn “Smart Winter Olympics” into a new signature for the capital city.



Beijing 2022 Partner Club Launch Ceremony

On 31 October 2018, a signing ceremony was held for the strategic cooperation agreement between China Unicom and Shougang Group, pursuant to which the two groups will join forces to develop Shougang Park into China's first 5G showcase industry park. With enhanced cooperation in the 5G industry park construction, smart industry park planning and design, as well as application showcases, strategic cooperation has been carried out in joint brand marketing, international business cooperation, promotion of the Olympic culture, winter sports development, and others.



China Unicom has launched a 4-year “Campus Winter Olympics Programmes” aiming to further promote the spirits of the Olympics among teenagers and students, as well as to popularise Winter Olympics related knowledge and culture. The first programme known as “China Unicom Winter Dream Ambassador on Campus” has begun.



🏠 FEATURE STORY V: SERVING THE “BELT AND ROAD” INITIATIVE

🏠 Enhancing “Belt and Road” servicing capabilities

With a view to deepen implementation of the “Belt and Road” initiative, China Unicom is committed to the provision of customised and butler-style communication and information services with high security, swift response, end-to-end excellence in experience and flexibility through China Unicom Global, in line with its vision of becoming “an expert in international information services trusted by customers”. In this connection, more than 30 branches were set up around the world to provide global customers with integrated information services in unified domestic and overseas operations, as well as global coverage on an end-to-end basis. Global voice and data services are also being provided to individual international customers.

🕒 Expanding the “Belt and Road” coverage

- 14 PoPs along the “Belt and Road” route and 57 PoPs globally covering 21 countries and regions.
- 17 new vPoPs through cooperation, covering 14 African cities.
- 5 new branches were set up, completing system expansion for the China-Mongolia and China-Russia routes, while achieving first connection with Pakistan operators and 100G cross-border connection with Mytel of Myanmar.
- Laying of cross-border optical cable measuring a total of 50.2 km for Hong Kong-Zhuhai-Macau Bridge and to provide a large-capacity, high-security and low-latency information passage for cross-border communication among Guangdong, Hong Kong and Macau.

🕒 Diverse international deployment of optical cables

- Additional capacity of 410G cross-border land cables to bring the total capacity of owned cross-border land cables to 9.895T.
- Additional capacity of 3.67T proprietary submarine cables to bring the total capacity of independently built submarine cables in operation to 21.7T.

🕒 Enhancing outgoing international Internet connection capability of Africa

- The South Atlantic Inter Link (SAIL), the first inter-continental direct submarine cable connecting Africa and South America across the South Atlantic constructed under the lead management of China Unicom, was in full operation on 4 September 2018 to further enhance the outgoing international Internet connection capability of Africa.