

BCEG Advanced Construction Materials Co., Ltd.

Being the key branch of building industries of Beijing Construction Engineering Group (BCEG) , National High-tech Enterprise and Beijing Enterprise Technology Center, BCEG Advanced Construction Materials Co., Ltd.(“BCEG ACM”) provides comprehensive schemes for urban construction and industrial upgrading and dedicates to be the top green building materials service provider in China.

BCEG ACM was established in 2003 with a registered capital of 6.4 billion yuan and annual operating revenue of 50 billion. Down its development path of more than 20 years, it has formed the pattern of 4 segments and 1 research center, namely the ready-mix-concrete with annual production of 10 million m³, prefabricated(PC)&passive ultra-low energy buildings with annual production of 500000 m³, advanced building materials, logistics&building testing services and industrial technology research&development(R&D) center. It provides products and services of ready-mix concrete, PC members, segments, hybrid towers, energy-saving doors&windows, mortar, aerogel, energy storage, logistics, construction quality inspection etc. It holds a NEEQ company (Stock code 872287), 40 branches and 1 institute. Headquartered in Beijing, BCEG ABM has subsidiaries in Beijing-Tianjin-Hebei Region, Yangtze River Delta and the Greater Bay Area.

BCEG ABM is the strategic partner of the top construction

companies in China because of the whole industry chain and the high-tech R&D team, including more than 100 staff with master degrees or higher, 400 staff with intermediate and senior technical qualifications. With strong focus on R&D, it has obtained 7 Ministerial and Provincial Awards and 9 Association Awards, got 17 achievements appraisals, more than 200 technology patents (including 45 invention patents), and edited in chief and participated in the compilation of 44 technical standards. It has the key technologies of green high performance concrete(GHPC) preparation, PC+ ultra-low energy consumption system application, PC comprehensive solutions with low-cost and high-quality. It has built the excellent laboratory with advanced equipment to be the “enterprise-university-research” base in collaboration with many universities and institutes.

Under the national “carbon peaking and carbon neutrality goals”, BCEG ACM has been improving the total-green-management and developing the new energy& materials industry, and vigorously adapted to digital transformation and intelligent manufacturing. Consists of Concrete management platform *NCC+CEM+ Xıncaizhimeng* and PC management platform *NCC+IMPCS+Xıncaizhixu*, the independent R&D digital operation mode is one of 50 typical examples of digital transformation of intelligent manufacturing in the building materials industry of the MIIT(China) . The concrete management platform of

Because of the capacity of quickly standardized management of more than 100 concrete mixing plants, *NCC+CEM+ Xıncaizhimeng* has realized the digital upgrade of all concrete plants. The PC companies has led the intelligent manufacturing of the industry with the independently developed intelligent equipment of 3D printers, mold-placing robotic arms and visual smart-fabrics.

Adhering to the concept of "innovation, coordination, green, open and sharing", BCEG ACM contribute to the effectiveness and efficiency of reform, new quality productive forces, the green industrial chain, the industrial wisdom upgrading and the core competitiveness. Expanding and improving its services unremittingly, BCEG ACM has now been striving to be a first-class building materials enterprise with excellent products, outstanding brands, leading innovation and modern management.