ITALIAN TRADE AGENCY

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NEWSLETTER

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Nation powering international shift to cleaner future
China is leading the global shift to clean energy, with renewables now comprising over 56% of its total installed power capacity (1.889 billion kilowatts) as of end-2024. Its wind and solar exports have helped cut approximately 4.1 billion tons of other countries' carbon emissions. The country also dominates green innovation, holding over 40% of global renewable energy patents. **(China Daily)**

Chinese renewables firms turn to new markets, models as trade barriers rise
Chinese renewables firms are strategically expanding by establishing 114 overseas plants (35 new in 2024) to bypass rising Western trade barriers, shifting focus to Belt and Road Initiative markets where they could control 80% of utility-scale solar and wind capacity by 2030. They are diversifying business models, from direct investment to component supply, maintaining global influence despite tariffs. **(CX Daily)**

Nation to expand oversight of waters
China plans to expand its national surface water monitoring network during the 15th Five-Year Plan (2026-30) period by including more than 200 tributaries and small water bodies that play a strong role in people's daily lives. Following nine consecutive years of progress, the share of surface water rated at Grade III or better reached 90.4% in 2024, compared with 64.5% in 2015. **(Ministry of Ecology and Environment)**

China's wind and solar power capacity has more than tripled since 2020
China's wind and solar power capacity has more than tripled since the end of 2020, moving the country closer to hitting its carbon goals but creating huge challenges in ensuring green electricity is actually used. The total installed capacity of wind and solar power hit 1,680 gigawatts (GW) at the end of July, up from 530 GW at the end of 2020. **(National Energy Administration)**

China unveils key upgrades for national carbon market
China has unveiled a top-level roadmap to upgrade its national carbon market; the world's largest by emissions covered. The plan introduces absolute emissions caps for stable industries by 2027, shifting from intensity-based targets to expand coverage beyond power, steel, cement, and aluminum sectors. It aims to enhance market effectiveness and international influence. **(CX Daily)**