Energy Transition Dialouges

DAILY BULLETIN



SUNDAY /// FEB 27th

TOP 10 DAILY NEWS DIGEST

- 1. Oil-Rich Gulf Countries Offer Up Their Renewable Energy Skills
- 2. Energy Transition Accelerating Faster Than Ever
- 3. H2 a Better Bridge Fuel Than Natural Gas
- 4. Green H2's Time is Now!
- 5. Chevron in Talks for \$3bn Renewable Energy Group Deal
- 6. Russia's Invasion of Ukraine Will Push EU Towards Energy Independence
- 7. Germany Doubles Pace of Energy Transition
- 8. India to Export \$500bn Green Energy by 2042
- 9. Huge Chinese Desert Projects Will Power Next Wave of Solar & Wind
- 10. Coal Miners Fear for Their Jobs as World Shifts to Renewables



EXCLUSIVE SOUNDING

"The Red Sea Development Project, in the Kingdom of Saudi Arabia, spanning an area the size of Belgium, is a remarkable project in terms of vision, ambition, size and scope that pioneers responsible regenerative tourism, preserving the planet for future generations while enhancing the offering and experience of tourists."

Paddy Padmanathan

Chief Executive Officer and Vice Chairman **ACWA Power**

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Energy Transition DialoguesVIEWS YOU CAN USE





Dr. Xavier Chen

CEO, CN Innovation President, Beijing Energy Club

Greening Industries - China Gears up Its Clean Reindustrialization

Industry contributes about 40% of China's GDP, consumes 66% of its total energy but emits more than three quarters of its total GHGs. It's safe to say that China's duo carbon goals will be untenable without a fundamental shift of its industries. In the "1+N" climate policy framework, industry-specific targets and roadmaps hold many crucial 'N" keys to the puzzle. On December 3, 2021, China officially released its 14th Five-Year Plan of Green Industrial Development (the Plan), aiming to further elevate its decade-long endeavor of greening its industries.

Built upon progresses made, the Plan specifies new milestones for 2025, not only of carbon emissions reduction, but also of many other "greening" indicators. Improving energy and resources efficiency is given as an absolute immediate priority. In the meanwhile, the Plan emphasizes such core guiding principles as technology innovation (material science, digitalization, and design), market-orientation, and systemic advancement to nurture the growth engine of industrial green development, strengthen enterprises' role in leading the marketplace, and coordinate the transition across regions and sectors.

Restructuring industry through an integrated narrative: If we define China's contemporary industrialization that kick-started in the early 1980s, the last two decades of the 20th century experienced the world's most populous country's opening up and reform, and standing at the "receiving end" of the outdated technologies, industrial processes and facilities transferred from western developed nations. Those industries, mostly fossil-fuel-based, had proven high-energy and high-resource dependent and heavy pollution and carbon intensive.

And yet, by 2000, the country managed to achieve its first economic growth goal of quadrupling its GDP over the 1980 level. The pinch and pain became stronger and increasingly "unbearable", into the new century when pollution, climate change and resource depletion became the major growth constraints. China became the world's second largest emitter next to the US in historic sense and the largest emitter in terms of current annual emissions. And as the world's factory, its resources were depleted fast. To feed and fuel the manufacturing engine, China became increasingly resource-dependent on imports, which also complicated the supply chains and its national security.

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Dr. Naveed Akhtar Chief Executive Officer Hy-Hybrid Energy

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