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ASIA | Sector Summary: Clean Energy & Environmental Technology

CHINA

- Beijing Development and Reform Commission (BDRC) has released its first new and renewable energy plan, including replacing 5.5 million tons of standard coal for up to 2015 accounting for around 6 per cent of the estimated electricity consumption in the city.
[Read more from Chinamining.org](#)
- China has taken online its largest offshore wind farm yet – another step toward the goal of boosting the share of wind energy in China’s total energy production to 17 per cent by 2050. While China prefers buying new green technologies, Japan seeks to come up with its own – such as the innovative “wind lens” design that could triple the output of wind turbines and help smooth the transition from nuclear power to cleaner and safer energy sources.
[Read more from Bellona](#)

INDIA

- When India's solar power developers want to choose a site for their project, they usually turn to NASA and its satellite images to identify the best locations. This is because even though India is endowed with abundant sunshine, it is vital to know the exact spots to locate projects so that they become viable. The US space agency's radiation maps help them do this, but they are not quite adequate.
[Read more from The Economic Times](#)
- Indian Green Building Council (IGBC) and Karnataka Government signed a Memorandum of Understanding (MOU). As part of the MOU, IGBC and Government of Karnataka will work jointly to identify opportunities for improvements in existing parks of Karnataka and green landscape design for government projects in Karnataka.
[Read more from Orissa Diary](#)
- India’s clean energy surge enters next phase. The nation overshot its installation target by 100 per cent just two years after “Power for All” became policy. Since then, renewable energy in India has been growing quickly. In March 2007, India had 10.2 GW of renewable energy. That more than doubled by the end of 2011, to over 22 GW accounting for 11per cent of India's power generation capacity. Bloomberg New Energy Finance tracks money flowing into projects, venture capital and private equity deals, and public market fundraising. Bloomberg New Energy Finance found that India led nations in the growth of renewable energy investment in 2011,

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with a 52 per cent jump to \$10.3 billion, helped by a growing wind sector and accelerating solar market.

[Read more from Bloomberg](#)

- Sonia Narang reports from southern India on the growth of solar power in rural parts of the country. Small loans have made solar panels available to homes and businesses that otherwise suffer from India's severe electricity shortage.

[Read more from The World](#)

JAPAN

- The key to Japan's clean energy future will likely be an entirely new government master plan that turns away from nuclear power. Proposals are circulating in the national legislature to incorporate a mix of energy conservation, renewable energy, and customer choice in power supply. The master plan options are due by the end of March, and the new plan will take shape over the summer.

[Read more from Earth & Industry](#)

- Japan has virtually no hydrocarbon resources of its own and is the world's biggest importer of liquefied natural gas (LNG) to drive its energy-hungry economy, the third largest on the planet. Since the nuclear accident, Japan has been seeking to accelerate efforts to diversify its energy sources.

[Read more from Industry Week](#)

- Hitachi, Ltd, Toshiba Corp and other major electronics-makers are increasingly turning their sights toward "smart city" projects designed to create eco-friendly, energy-efficient communities. In Japan, smart cities are considered to be a crucial part of the government's energy-saving policy. Such projects are already under way overseas, particularly in urban developments in newly emerging economies.

[Read more from Physorg.com](#)

KOREA

- Alternative energy now provides for 0.8 per cent of Korea's electrical. Projections call for an increase to 11 per cent by 2030, but Jinwoo Kim, CEO of Korea Energy Economics Institute, called that a very optimistic expectation, which could further increase the demand for natural gas.

[Read more from Alaska Journal of Commerce](#)

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