



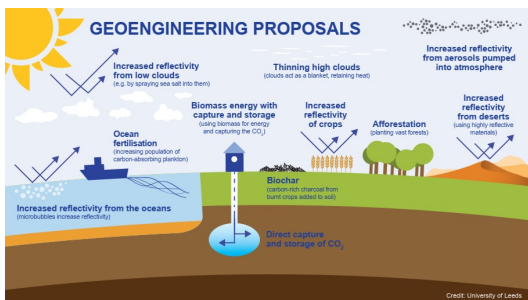
A CAG Initiative

stoppwatch

Educating & Informing Stakeholders on Energy,
Environment, and Thermal Power Plants

July 2019

Welcome to the *St(o)ppwatch* newsletter! This is our monthly dispatch of updates and insights on issues surrounding coal-based power plants, and the environment in general



Land-based geoengineering - a bad bet to stay within 1.5 °C

Part two of a three-part introductory series on the science of geoengineering that is being portrayed as a technological fix to counteract the pernicious effects of climate crisis.

Read the first part [here](#).



Fossil Fuels Are Far Less Efficient Than Previously Thought

A study finds that Energy Return on Investment of fossil fuels has fallen from 25:1 to 6:1, taking into account entire process from extraction to refining and energy produced after burning the fuel. This is comparable to EROI of renewables and is likely to fall further with rising input costs.



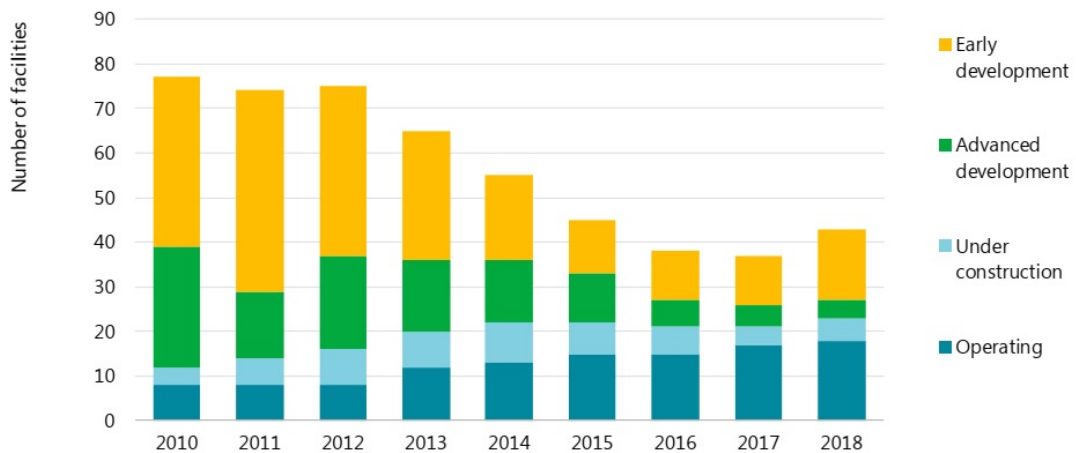
Fossil fuels to contribute 85% of primary energy supply by 2040: WoodMackenzie

The report, titled "Energy Transition Outlook", states that the global energy demand would increase from 13 billion tonnes of oil equivalent (toe) in 2018 to 16 billion toe in 2040.



India expects coal-fired power capacity to grow 22% in 3 years

Ignoring the air pollution crisis in the country, Indian government plans on increasing the coal fired power generation capacity to 238 GW by 2022, from the current capacity of 194.4 GW (as of April 2019).



IEA 2019. All rights reserved.

Source: IEA analysis based on Global CCS Institute (2019), *Facilities Database*, <https://co2re.co/FacilityData>.

Investment pipeline for large-scale CCUS projects

According to International Energy Agency (IEA), the investment pipeline for large-scale Carbon Capture, Utilisation and Storage (CCUS) has been on the rise from 2018 after an 8-year decline

Power plant in your neighbourhood?

Use our monitoring [tool](#) to see if the plant is adhering to prescribed standards.

For other tools and tips to strengthen your campaigns, see [here](#).

About CAG:

Citizen consumer and civic Action Group (CAG) is a non-profit, non-political, professional organization working towards citizen's rights in consumer and environmental issues and promoting good governance including transparency, accountability, and participatory decision-making.

About Thermal Watch:

An initiative to assist local communities around existing and proposed coal-fired power plants on the Environmental Impact Assessment (EIA) process, by developing and disseminating information toolkits that they can use. In addition to that, we create awareness about the existing compliance processes to push for better compliance by power plants to prescribed environmental standards.

If you would like anyone to receive our newsletter, ask them to write to us, and we will be happy to add them to our mailing list.

We would love to hear from you! If you have any feedback, please drop us a line at tpp@cag.org.in.

- Team Thermal Watch

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