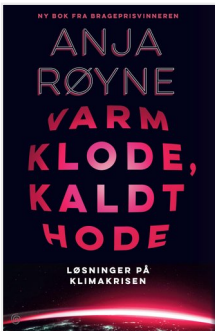


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Hot Planet, Cool Minds: Science's Genial Solutions to the Climate Challenge

Original title: Varm klode, kaldt hode. Løsninger på klimaproblemet
Publisher: Kagge Forlag 2020, September
Non-Fiction / Popular Science
59600 Words
English sample chapters available

What opportunities do we have to avoid the most catastrophic consequences of climate change?

Time is running out to reach the goal of keeping global warming below two degrees. That is why it is more important than ever that we make the right choices. The biggest problems that face us today require big solutions, all of which will demand a lot from us. Now it's time to keep a cool head and weigh the consequences against each other. Brage award-winning physicist, Anja Røyne, tells how we can clean up our climate mess by removing greenhouse gases from the atmosphere, or even by creating a global sun screen for the entire planet. Opportunities that until recently only existed as thought experiments and science fiction are becoming realities. How realistic are these solutions, and what will they demand of us?

- * Air – where the solution is sucking CO₂ out of the atmosphere.
- * Mountains – the Earth's thermostat, where gas turns to stone.
- * Forest – green lungs and solar carbon sucker
- * Soil – where microscopic life hides away carbon and coal is good for the climate.
- * Oceans – carbon storage with plenty of space in the deep.
- * Sun – shade out the sun while we clean up.

In 2018 the author was the Winner of the prestigious Brage Prize for best popular science book in Norway, with the title *The Elements We Live By*.

Anja Røyne

Anja Røyne is a scientist and lecturer at the Institute of Physics, University of Oslo. She is a physicist with a background in solar energy, but has in the last 15 years researched geological and geo-chemical processes and is now researching how materials can be created with biotechnology. In addition she runs her own science blog, and often contributes in pop. science radio programmes on radio and in newspapers.

Other titles

The Elements We Live By (2018)