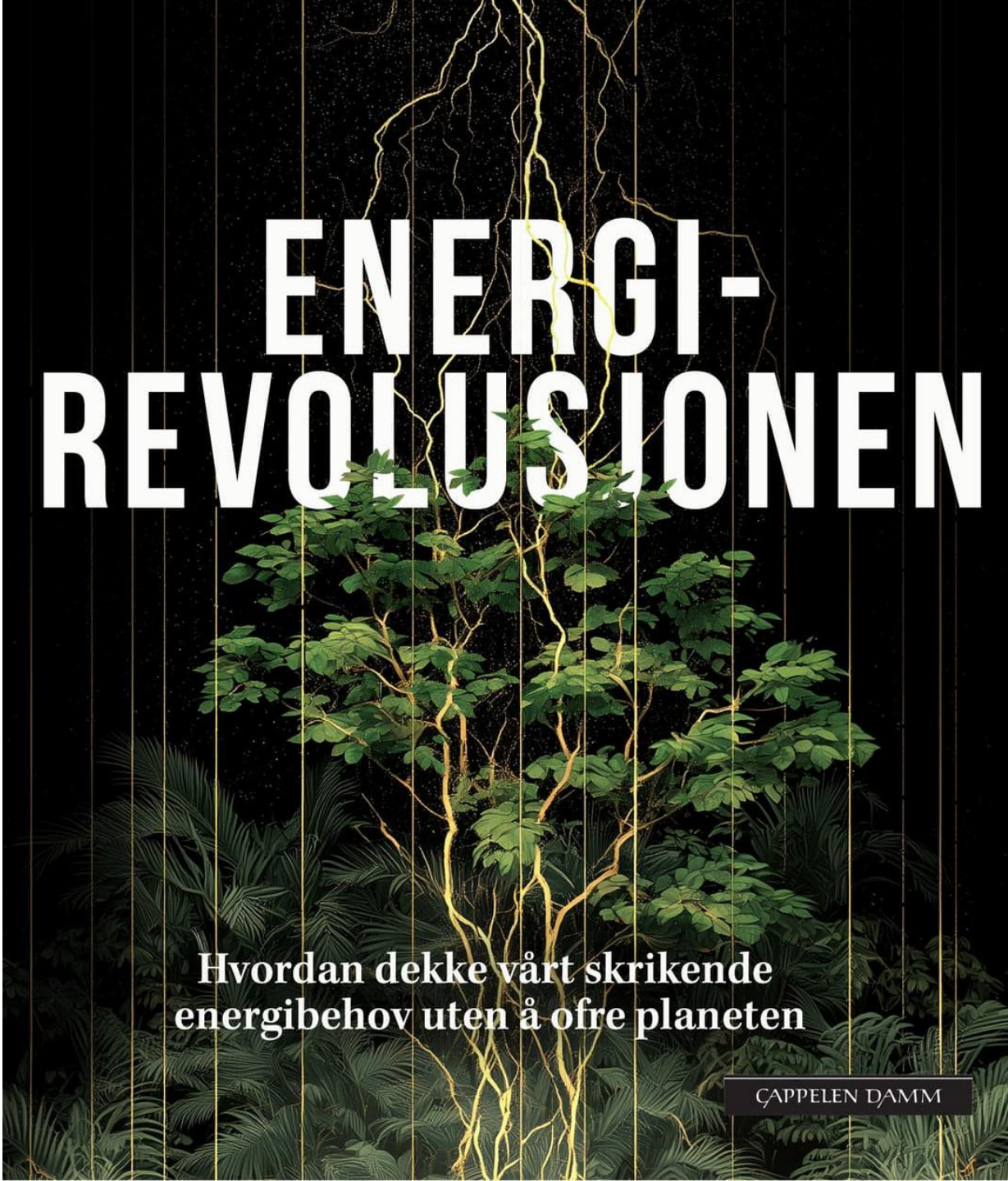




ENERGI- REVOLUSJONEN

Hvordan dekke vårt skrikende
energibehov uten å ofre planeten

CAPPELEN DAMM

**Vi er midt i samfunnets
største omlegging siden
den industrielle revolusjon**

Valgene vi tar i dag vil ha ringvirkninger
i hundrevis av år, og avgjøre om
etterkommerne våre vil møte en
levedyktig natur

Bjørn H. Samset



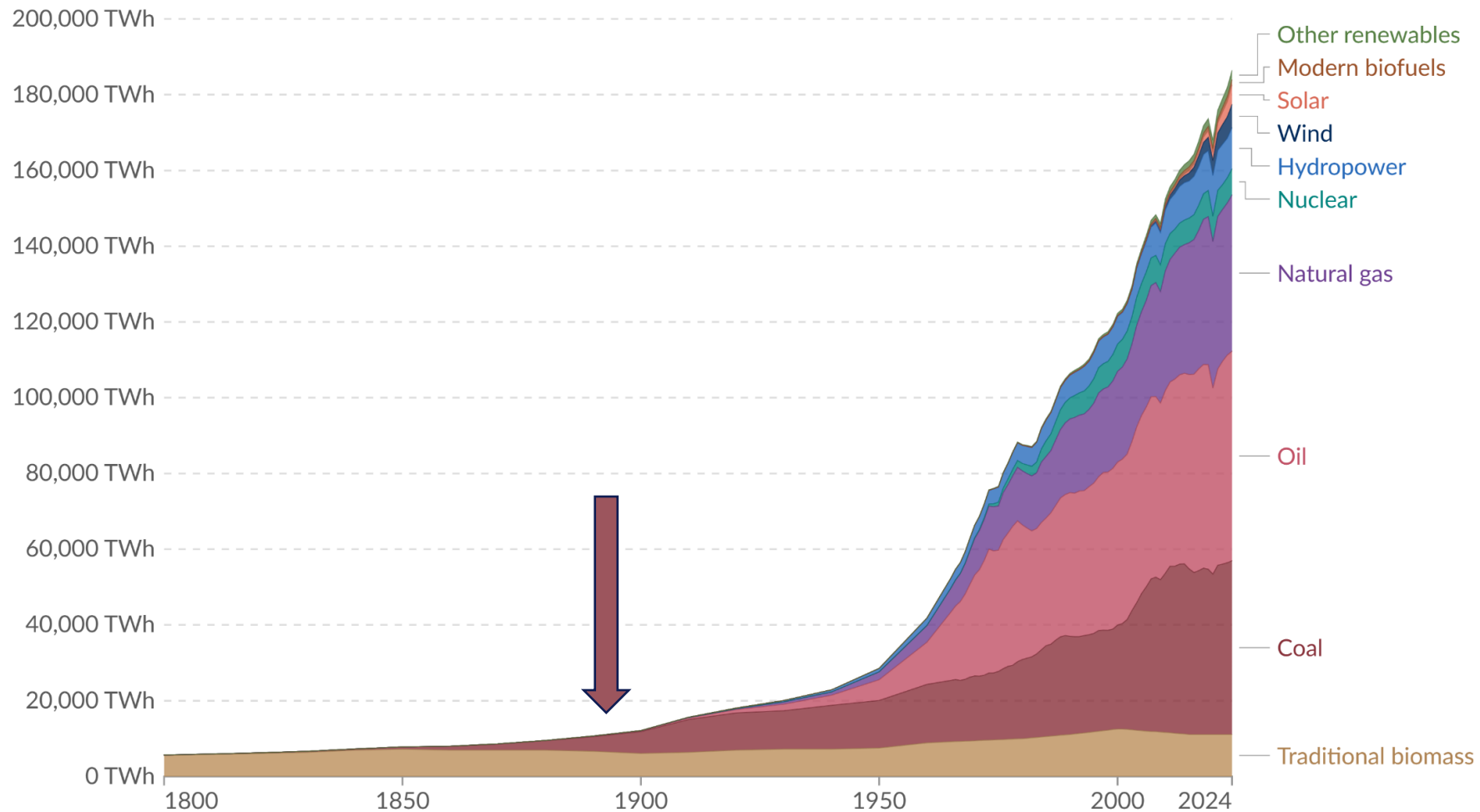
Vi bruker ekstreme - og stadig voksende - mengder energi

Sist vi tok et energivalg var på slutten av 1800-tallet.

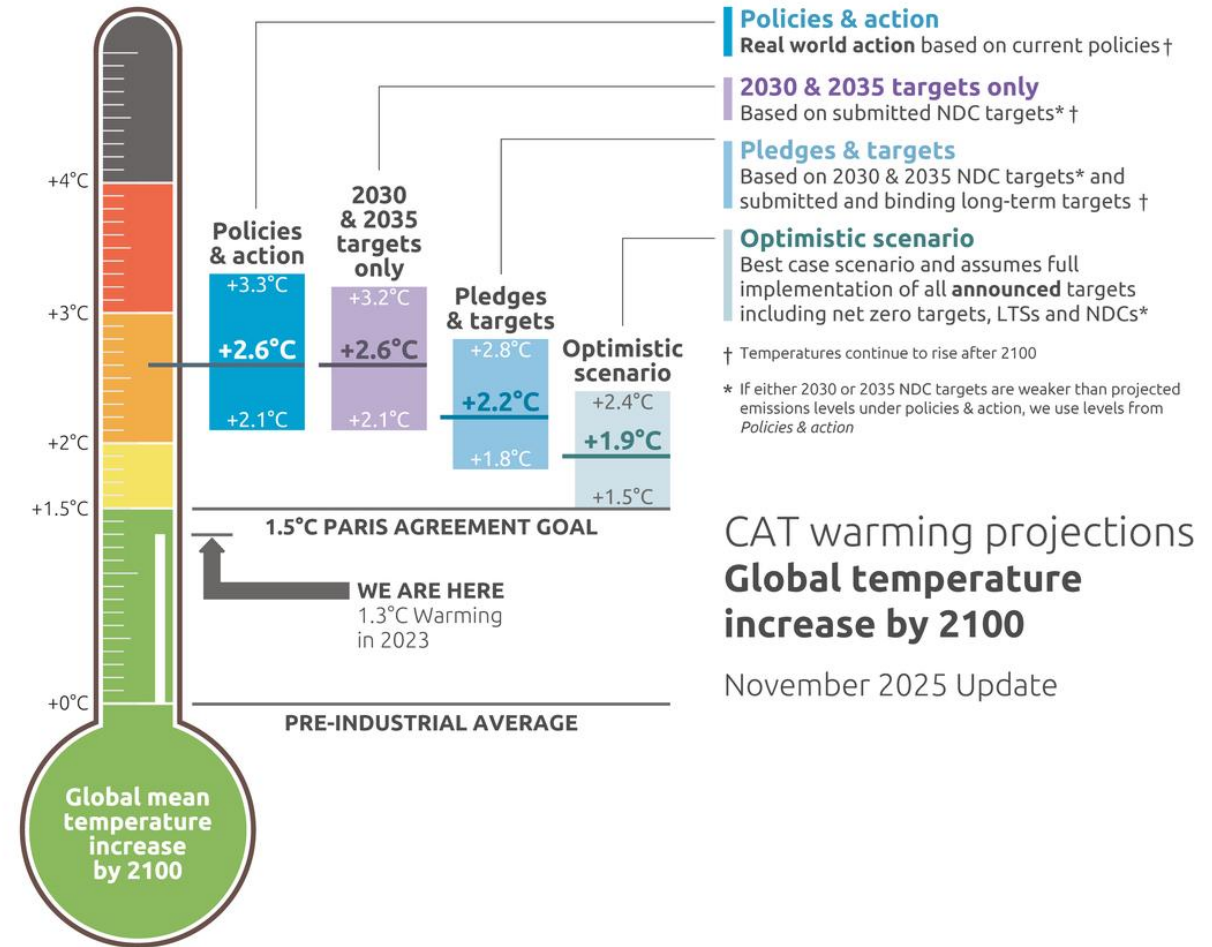
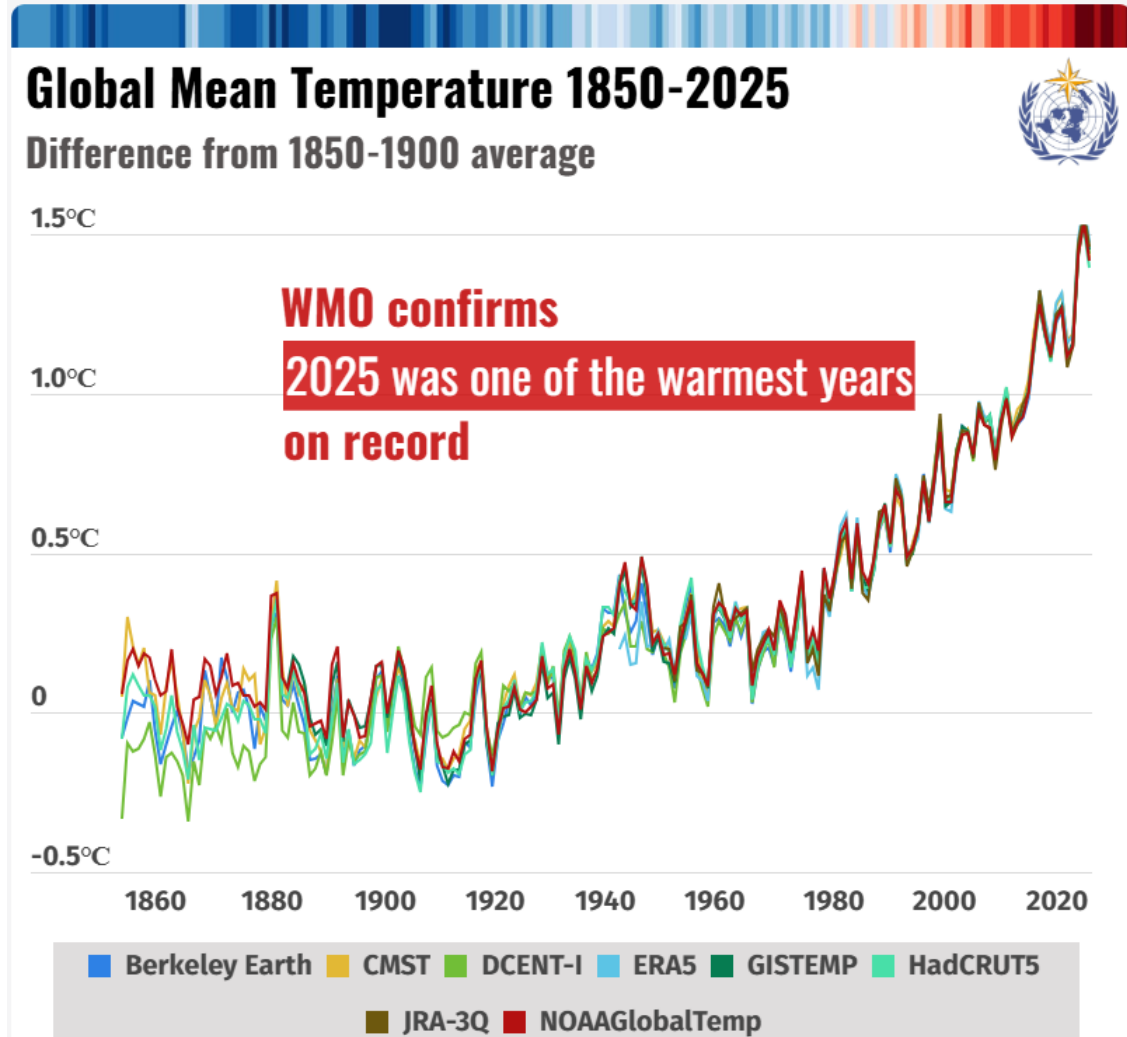
Global primary energy consumption by source

Our World
in Data

Primary energy¹ is based on the substitution method² and measured in terawatt-hours³.



Global oppvarming går raskere enn noen gang i vår historie



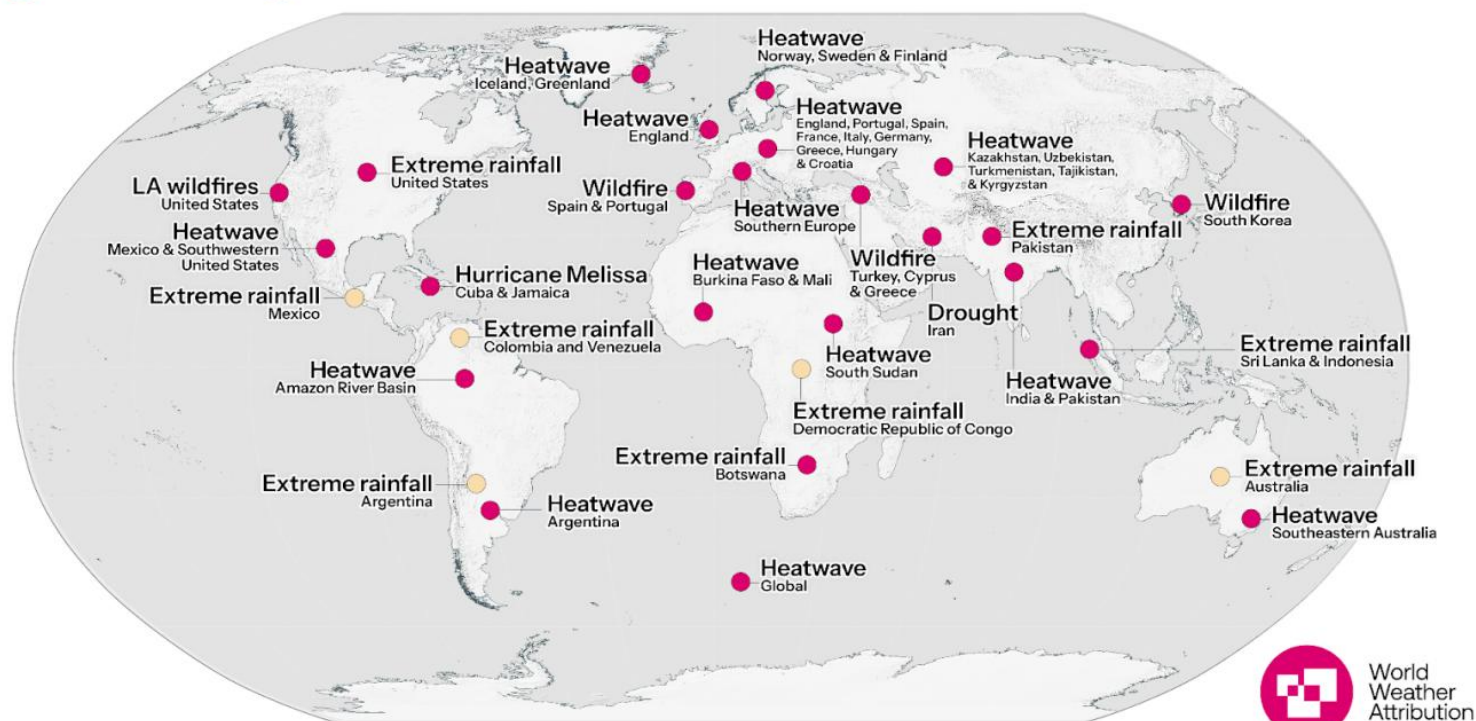
CAT warming projections
**Global temperature
increase by 2100**

November 2025 Update

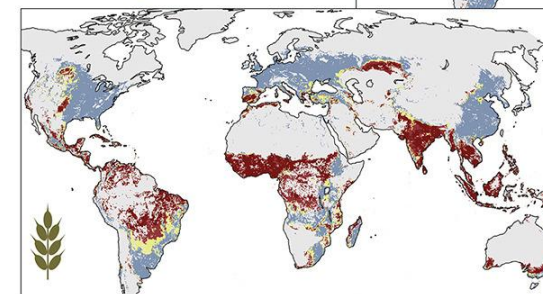
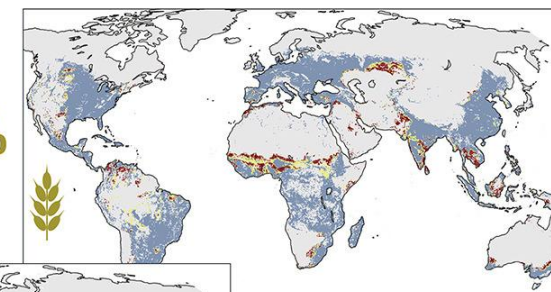
Konsekvensene av klimaendringene tiltar år for år. Hvordan vi dekker energiforbruket vårt utgjør forskjellen mellom et klima vi kan tilpasse oss og et klima uforenelig med vårt moderne samfunn

World Weather Attribution studies 2025

● More severe / likely ● Inconclusive

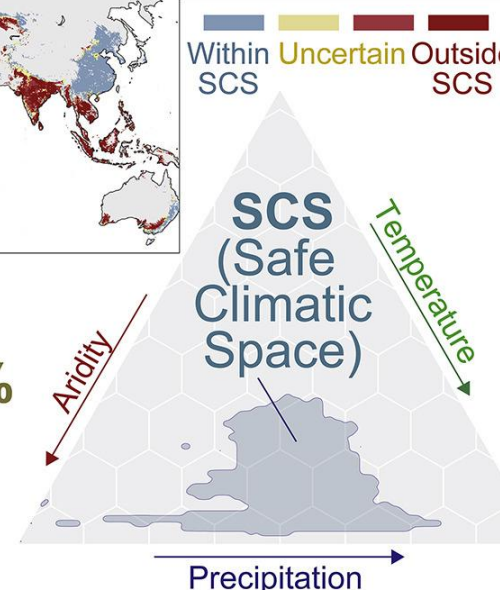


Low emission scenario:
8% outside SCS by 2090



High emission scenario:
31% outside SCS by 2090

Kummu et al.
2021

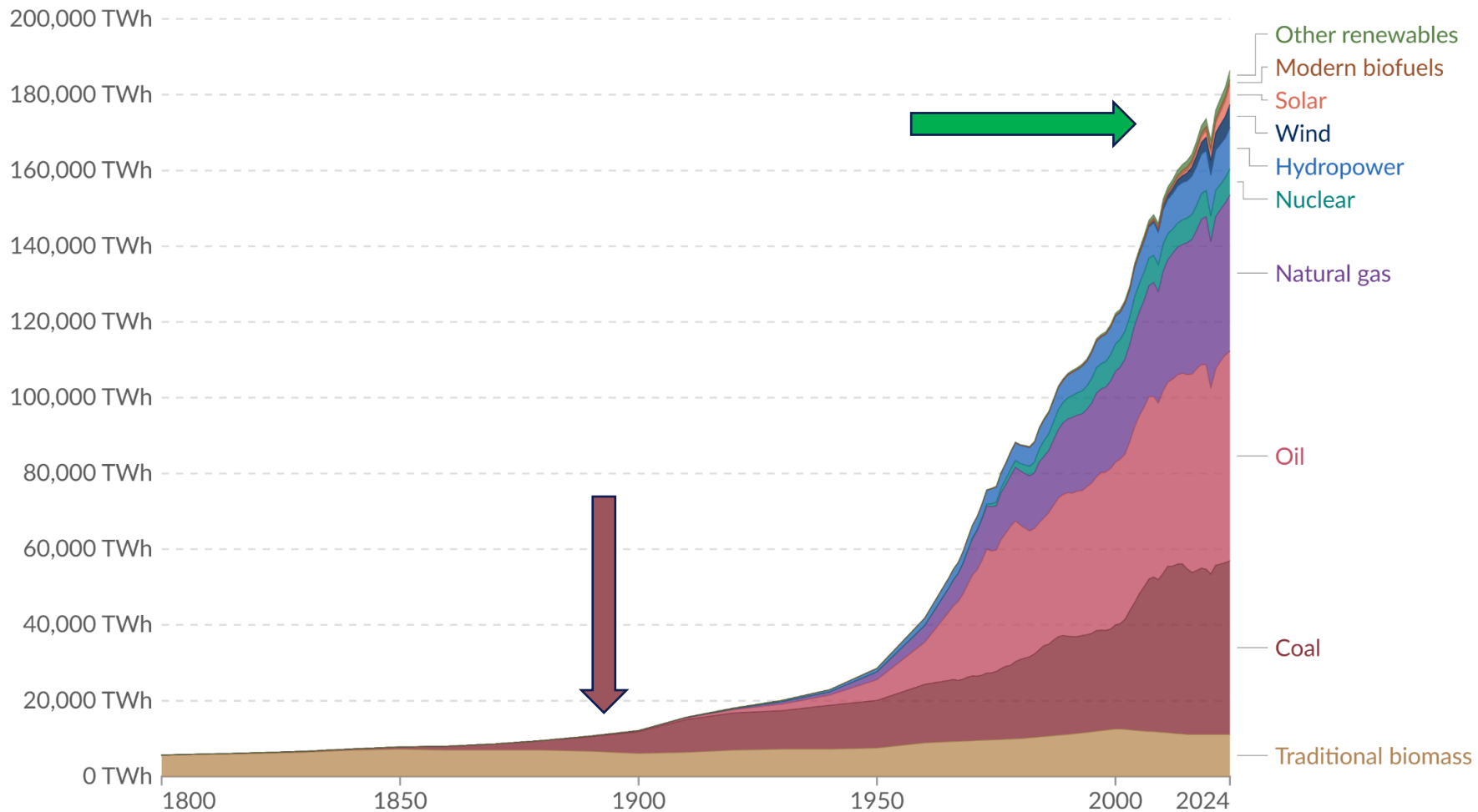


Sist vi tok et energivalg var på slutten av 1800-tallet. **Nå gjør vi det igjen.** Dagens valg vil påvirke oss i flere hundre år fremover.

Global primary energy consumption by source

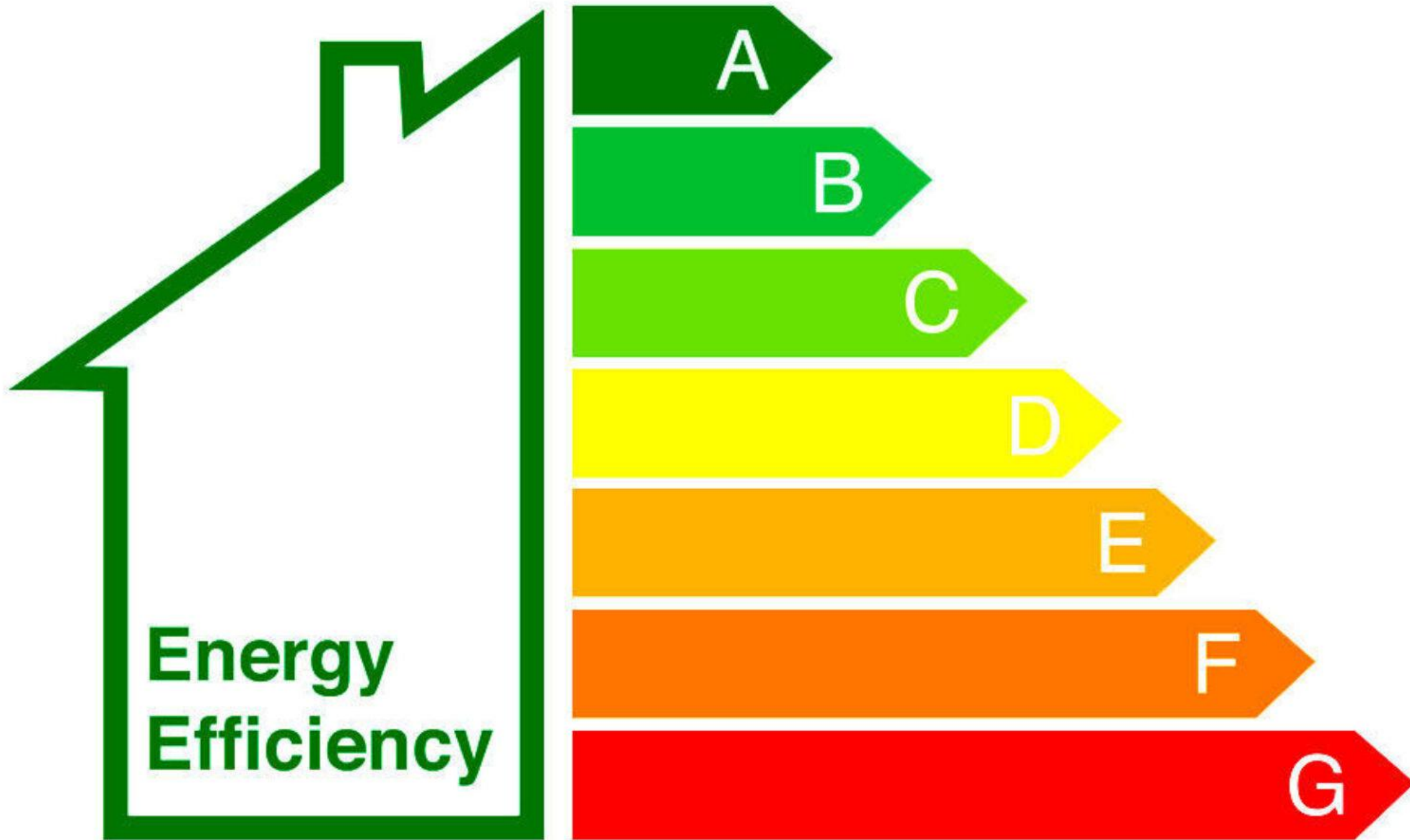
Our World
in Data

Primary energy¹ is based on the substitution method² and measured in terawatt-hours³.









In China, the first commercial-scale gravitational energy storage system is about to start operating: a nearly 150-meter-tall tower capable of storing electricity produced by renewable sources.



WATERISSUES

News European Commission Business & economics Opinion World of water Science

0,00 zł

WODNESPRAWY.PL - ISSUE 2/2025

Will the world's largest dam be built?

POSTED ON 28 JANUARY 2025 • BY IWONA SZYPROWSKA-GLODZIK



Energi handler om mye mer enn bare økonomi

Chinese-Built Solar Thermal Power Plant in South Africa Enters Commercial Operation

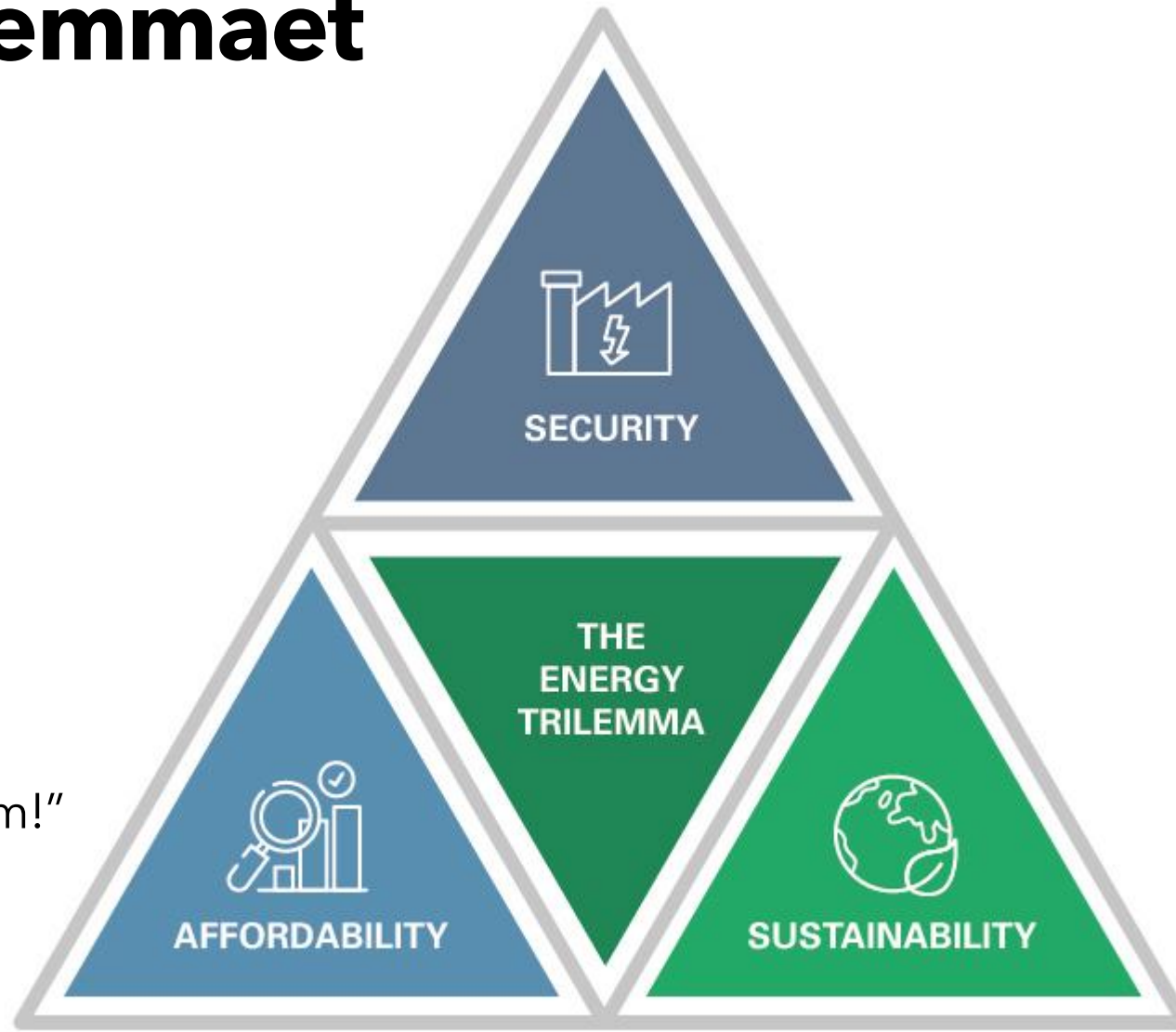
Updated: June 10, 2025

The Redstone Concentrated Solar Thermal Power (CSP) Project in South Africa, managed by SEPCOIII Electric Power Construction Corporation, a subsidiary of Power Construction Corporation of China, has successfully transitioned into its commercial operation phase. This milestone was marked by the project's receipt of the commercial operation certificate from the South African national grid operator on May 30.



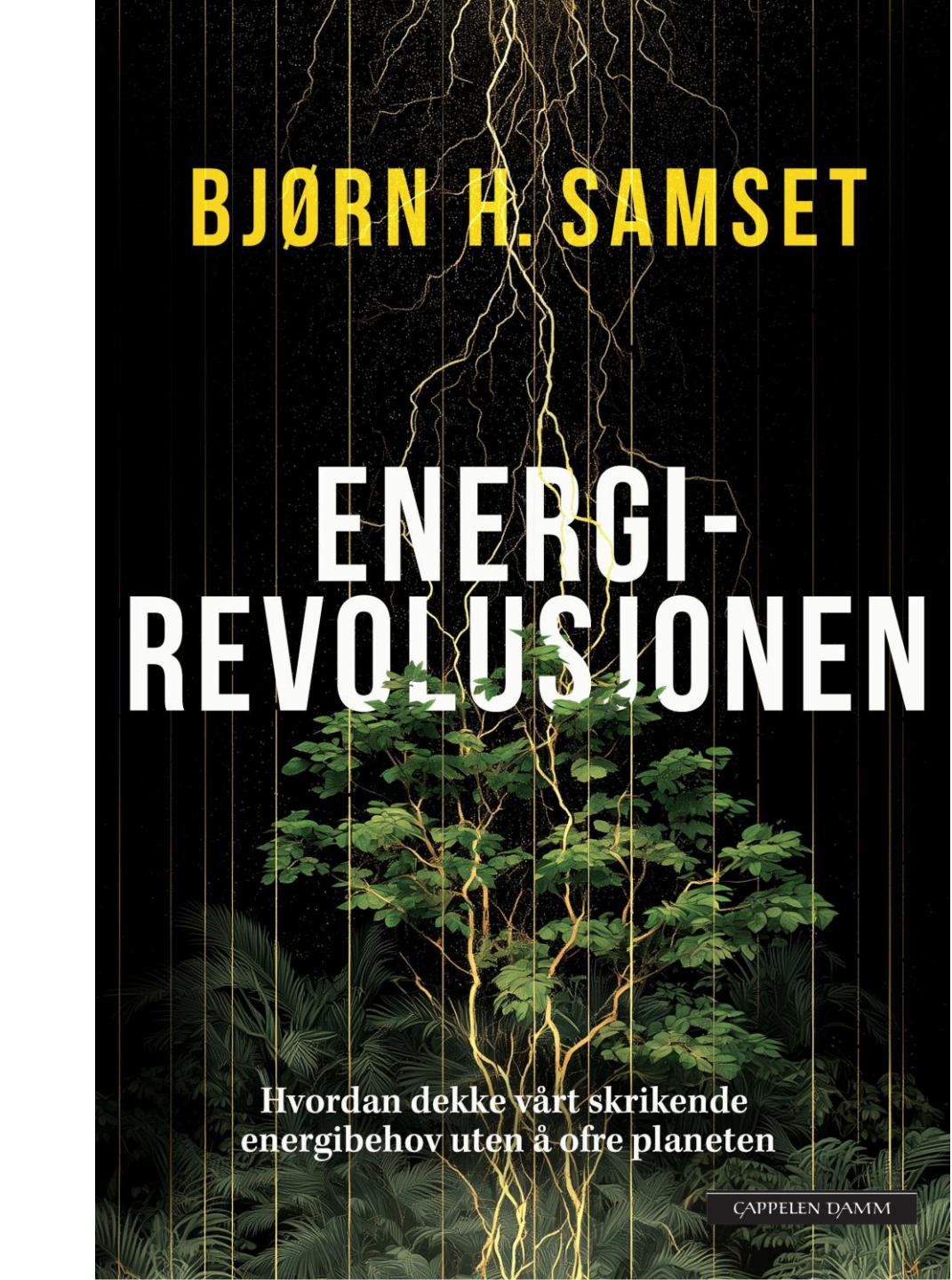
“Vi må ha strøm!”

Energitrilemmaet



“Vi må ha billig strøm!”

“Vi må ha billig strøm,
også i fremtiden, fra en
natur vi kan leve i!”



BJØRN H. SAMSET

ENERGI- REVOLUTIONEN

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energibehov uten å ofre planeten

CAPPELEN DAMM

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Premisser for energidebatten:

1. Energi er vår viktigste ressurs
2. Energi kan bare hentes ut fra eksisterende kilder
3. Vi har ingen energikrise, men en energiuthentingskrise
4. Vi må legge om fra dagens energisystem, og det må skje raskt
5. **All utvinning av energi fra naturen har en kostnad**

bok.norli.no/energirevolusjonen