

Future Energy Outlook Beta

Launch

Who we are

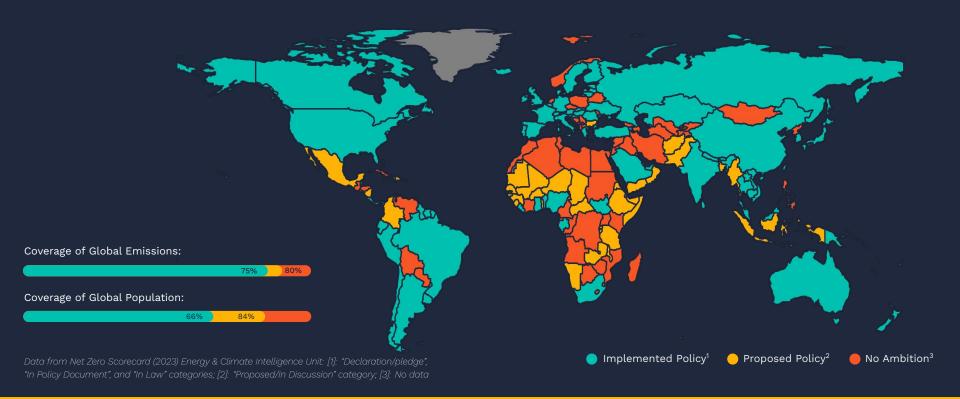
Empowering our partners with open data products to shape a clean energy future

We are a climate analytics not-for-profit established in 2021. We build open energy transition products without usability barriers and partner with mission-aligned organisations to help scale a open data standard for energy transition planning.



Net zero ambition

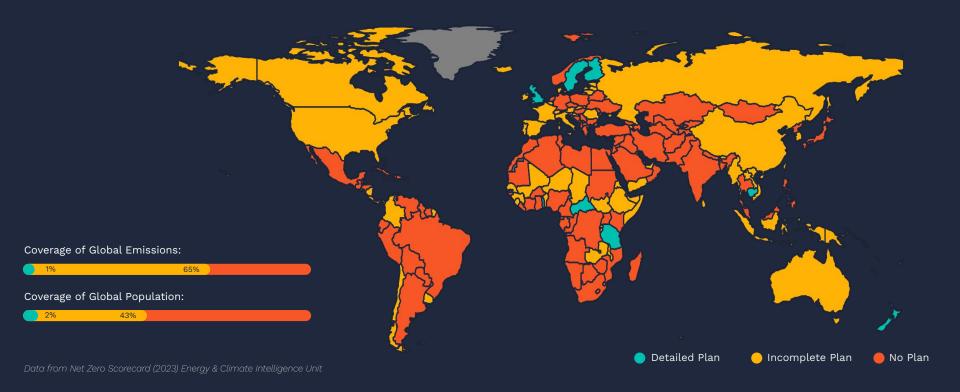
Most of the world now has pledged to be net zero





Net zero reality

But most of the world doesn't have a plan for getting there





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Future Energy Outlook

A software platform to answer 'what if' questions about the energy future

What if...

- ... RE100 membership requires 24/7 CFE
- ... coal generation is phased out by 2030
- ... extreme weather disrupts pacific LNG trade
- ... battery costs drop 90% by 2035
- ... an interconnector is built across the Arabian sea
- ... air conditioning demand increases 10x by 2040
- ... water shortage disrupts lithium mining





Current status

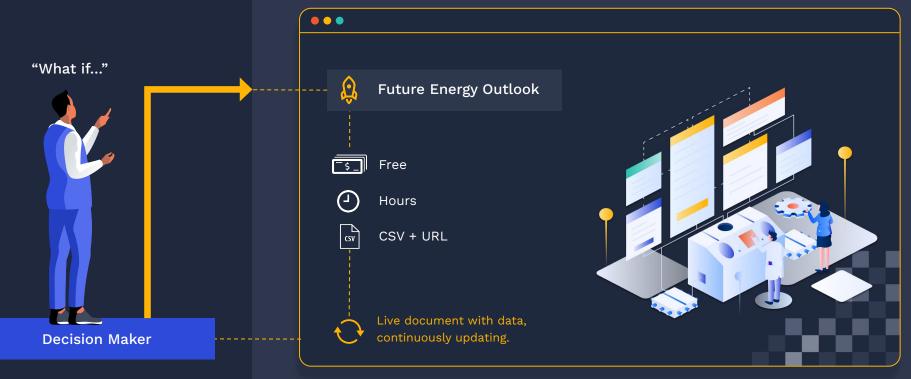
Creating dependency in low-income countries when they should build capacity





Our solution

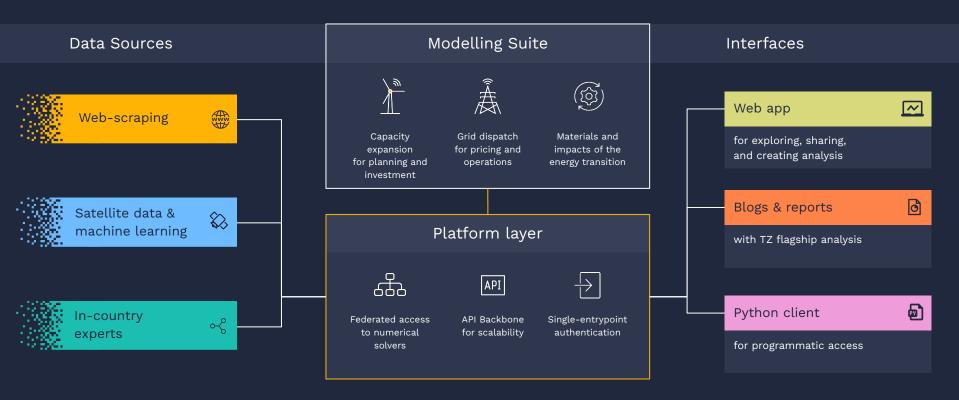
Future Energy Outlook





Future Energy Outlook

Accessible and auditable model, tool, and data platform

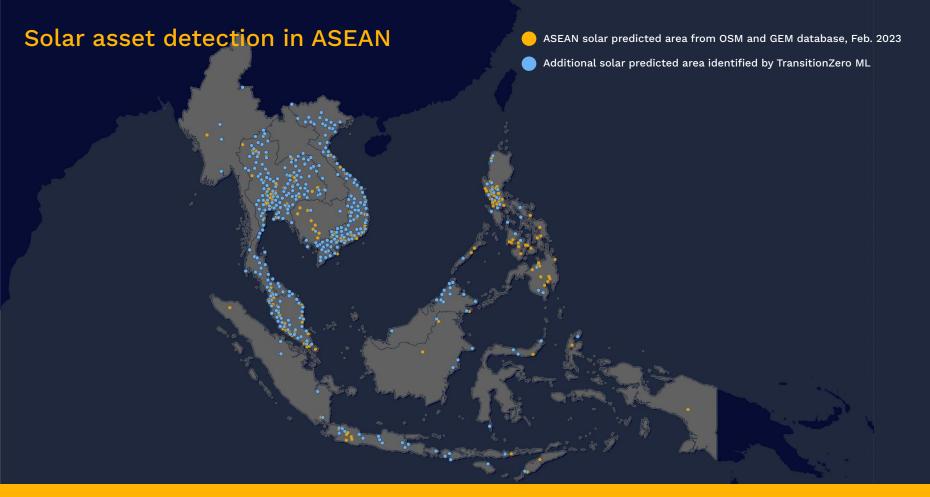




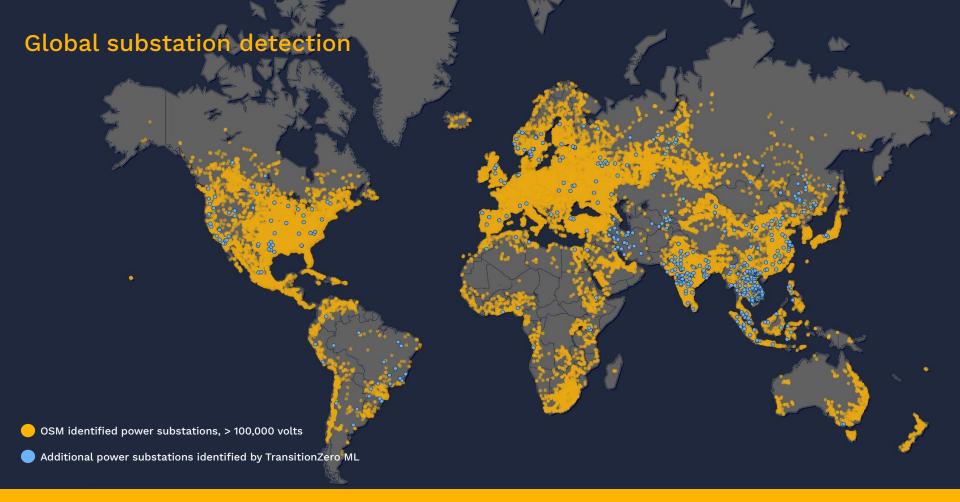
Data Sources







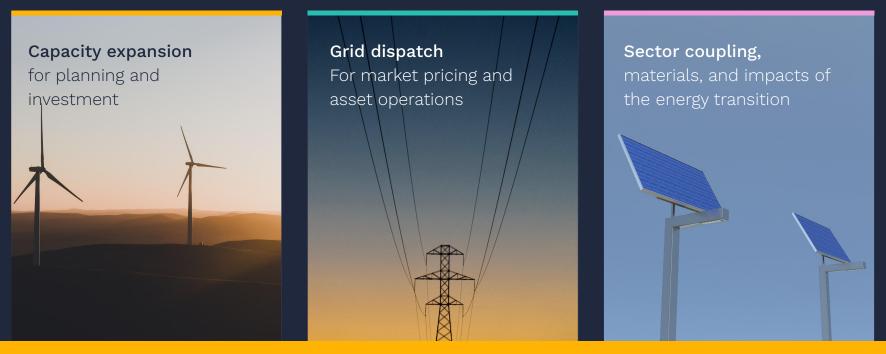






Modelling Suite

Tools for short- and long-term energy transition planning





FEO Today



FEO Data Viewer UI for non-technical users to easily view results for different net zero and coal phase-out scenarios and for comparing against current policies

https://feo.transitionzero.org



Python Client for easy-entry programmatic access

Jupyter notebooks to follow guided walk-throughs of platform capability and use cases.

pip install feo-client

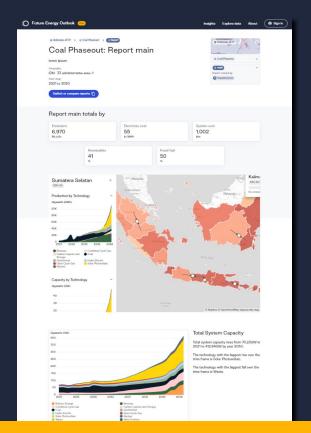
API

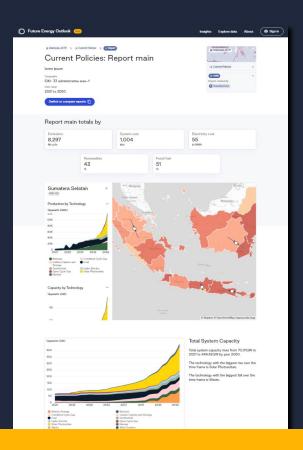
API for programmatic access at scale

docs.feo.transitionzero.org/api

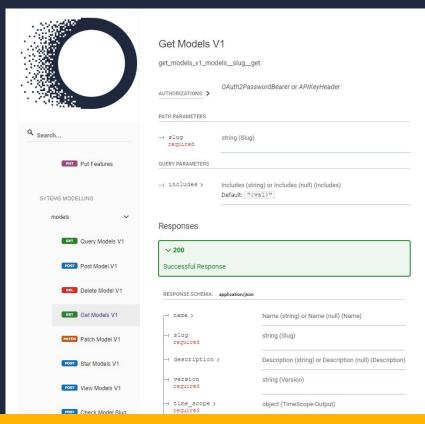


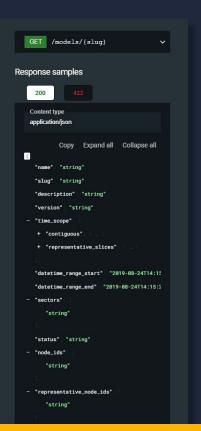
FEO Data Viewer UI





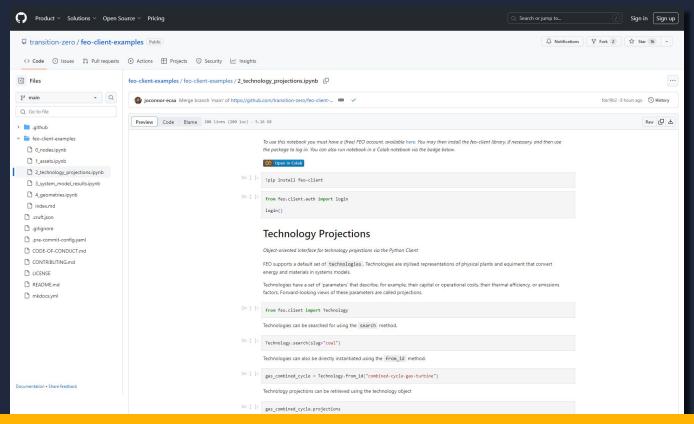
API for programmatic access







Python client and jupyter tutorials







Cables to change the world

The benefits of transmission to decarbonise global electricity supply





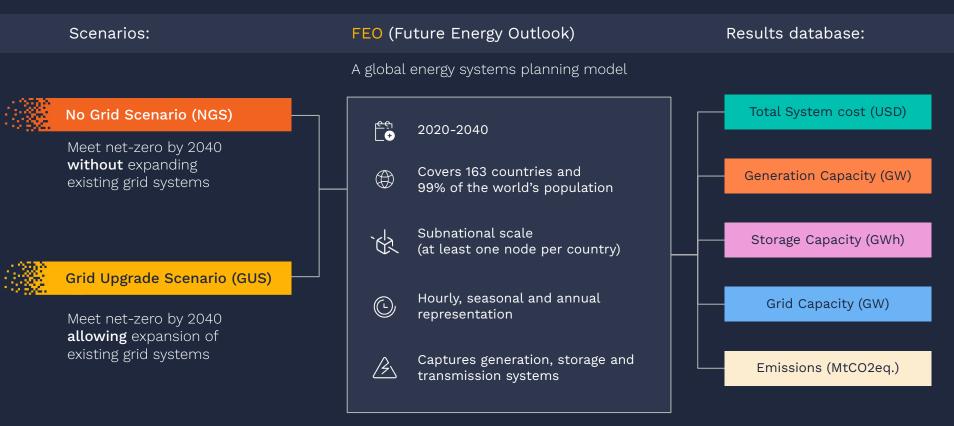






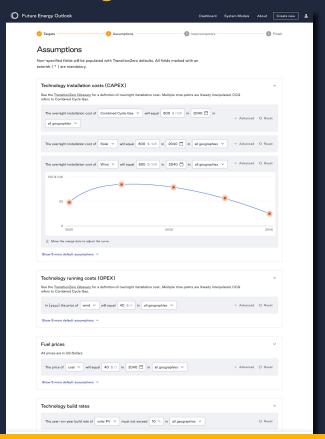


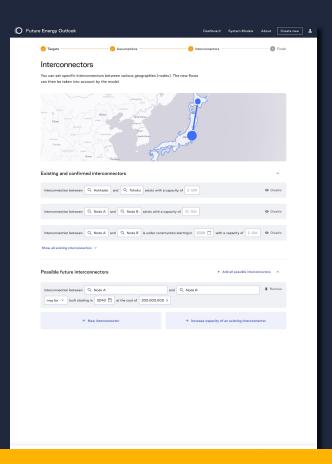
Global interconnector report





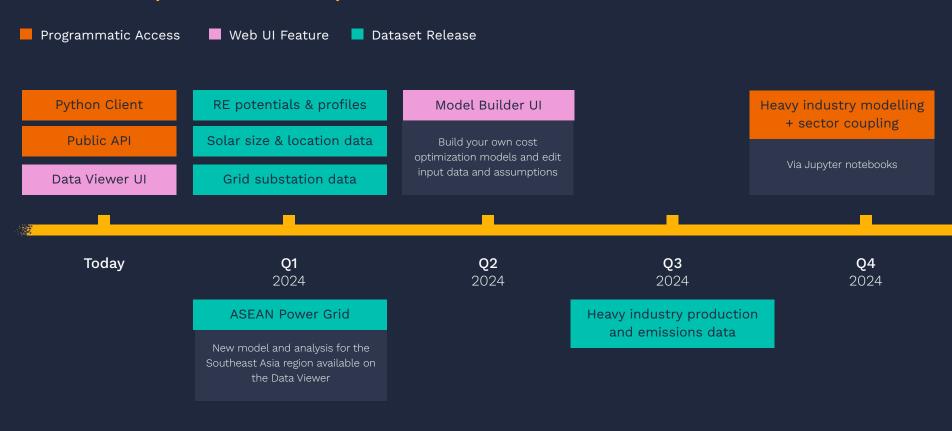
FEO Model Building







FEO Development Roadmap







Access FEO Beta today

Reach out at: info@transitionzero.org



Panellists









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Transition, SEforAll



Join the FEO revolution

Join the Future Energy Outlook

Get started on FEO with the dataviewer, Jupyter notebooks, and Python client



Read the 'Cables to change the world' report and access other resources



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