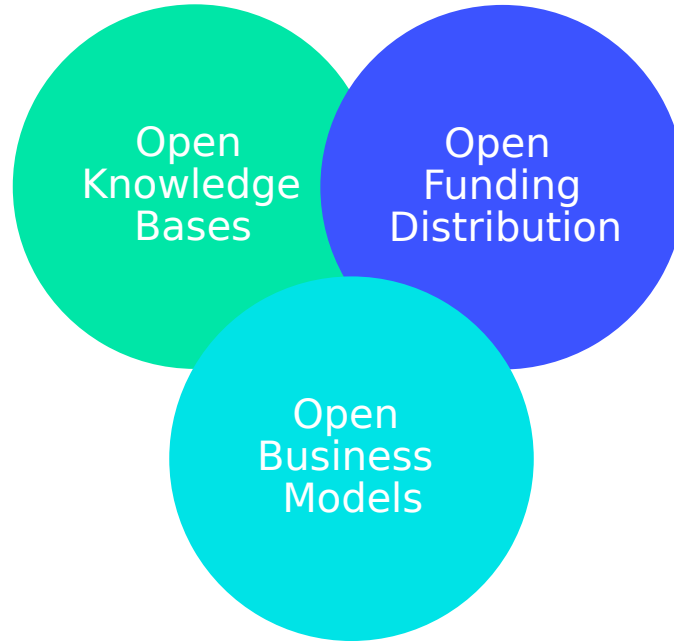




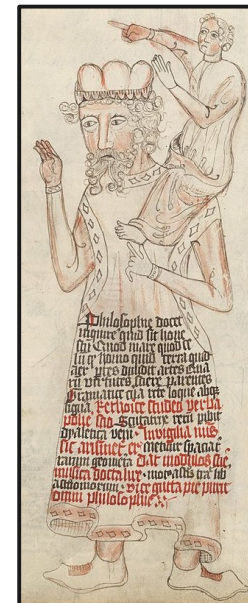
**Building a Free and Open Knowledge Base
for Sustainable Technology**



An independent non-profit organization supporting research and business development based on free and open technology.

A Evolution in Open Knowledge Creation

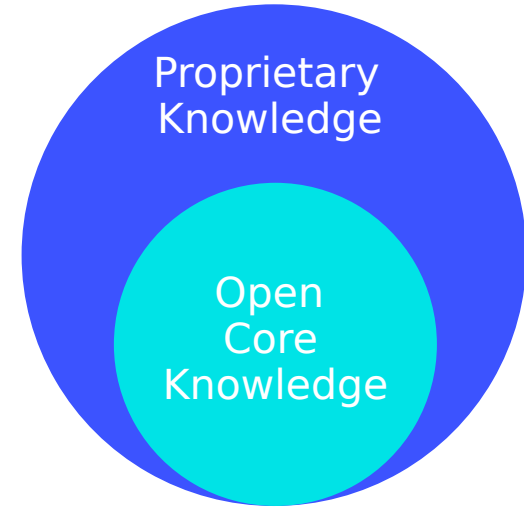
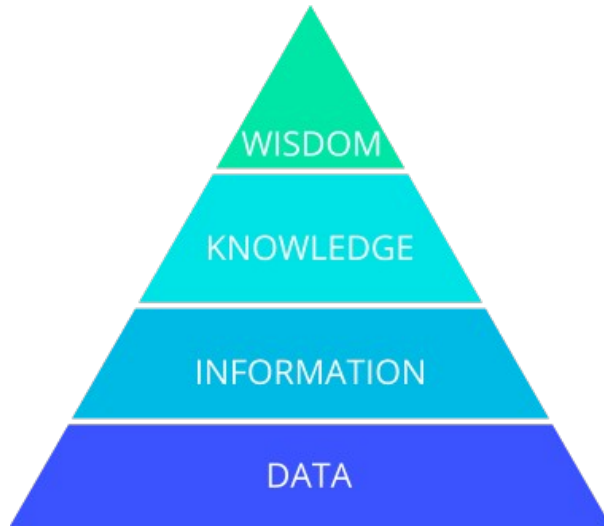
- ♦ 70 % of the worldwide code base is based on open source [1]
- ♦ Fast Innovation in Software Development
 - Cloud Computing [2]
 - High Performance Computing and Big Data [3]
 - Artificial Intelligence [4]
 - Robotics [5]
 - Web Technology [6]
 - Blockchain [7]
 - Embedded Operation Systems [8]



"If I have seen further it is by standing on the shoulders of Giants."
- Isaac Newton

Wikipedia

Why is Modern Software Development so Innovative?



Through the disclosure of information and knowledge, an innovative, resilient and independent business ecosystem has evolved within the software industry.

What is the Secret of Open Cooperation?



Open Business
Models [1]



Open Standards
and Data



Reproducible Science
and Knowledge

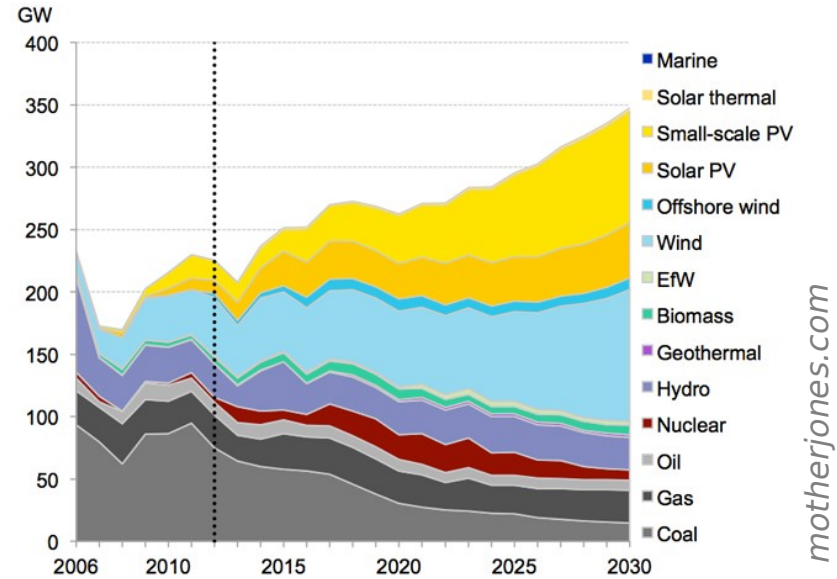
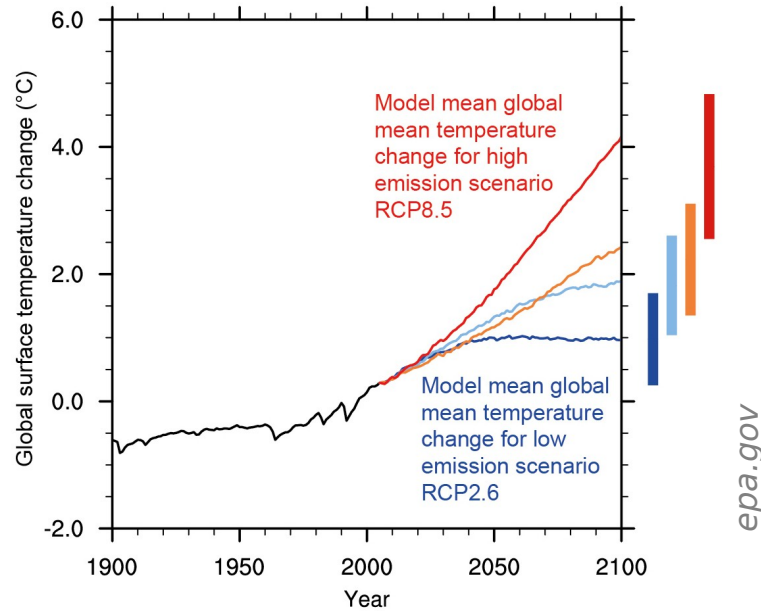


Inner Source -
Open Source Culture
within Organizations [2]



Open
Community

Climate Change - A Challenge in Cooperation



How can we spread knowledge, accelerate innovation and increase cooperation in sustainable technologies?

Truly Sustainable is Open

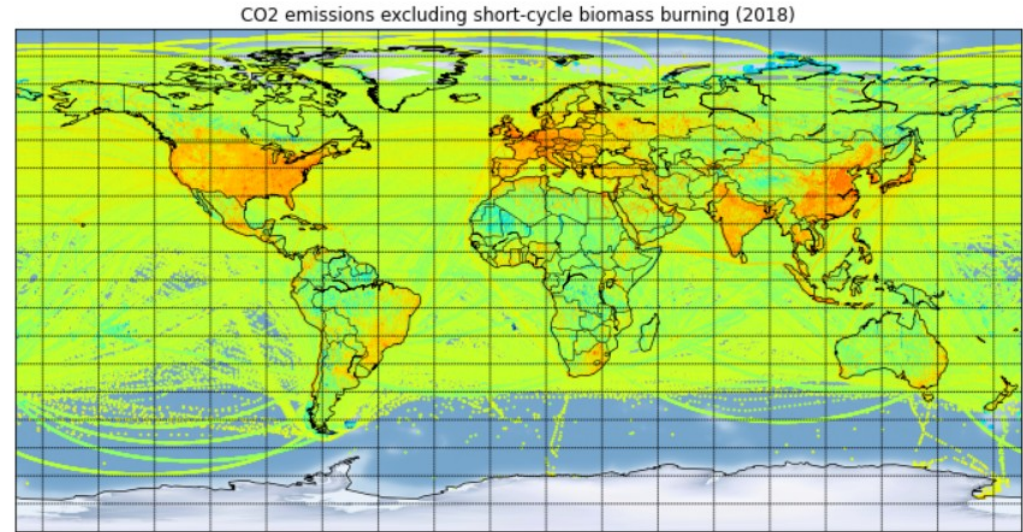
Only by involving technology worldwide the impact of climate change can be reduced in the long term.



Open cooperation and development methods have shown fast acceleration of nearly all knowledge based industries.



Independent and open technology gives us a real chance to reach global climate targets.



https://edgar.jrc.ec.europa.eu/overview.php?v=50_GHG

A Knowledge Base for Open Sustainable Technology

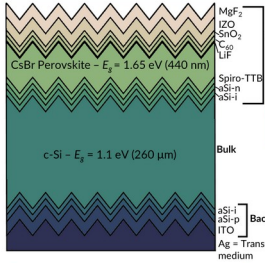
**Open source projects sustaining stable climate,
energy supply and vital natural resources**

- Provision of the first global platform of all sustainable, active and open technology projects.
- Everyone can contribute, discuss and extend the platform.
- All projects are free, open and sustainable for professional usage.

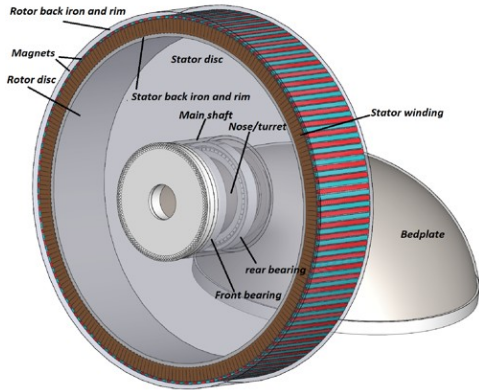


Artwork by Eleanor Lutz

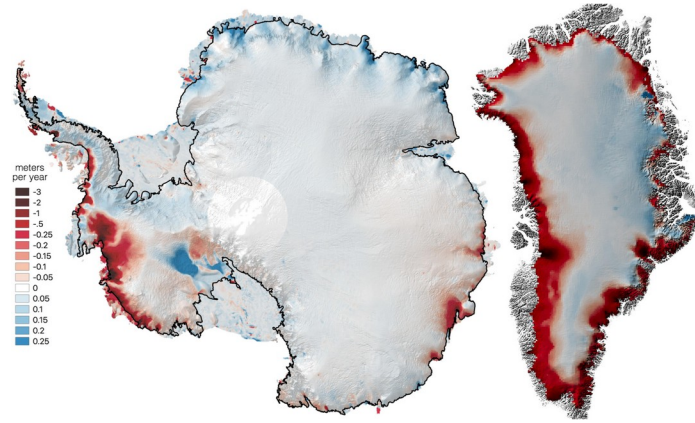
Finding Hidden Gems



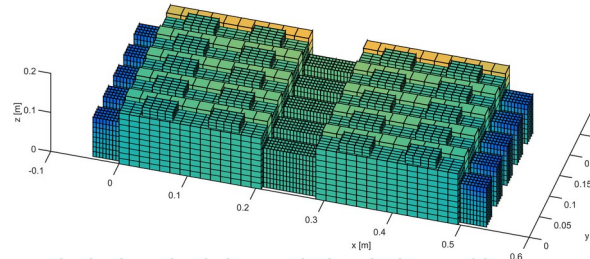
Raytrace Modelling in PV



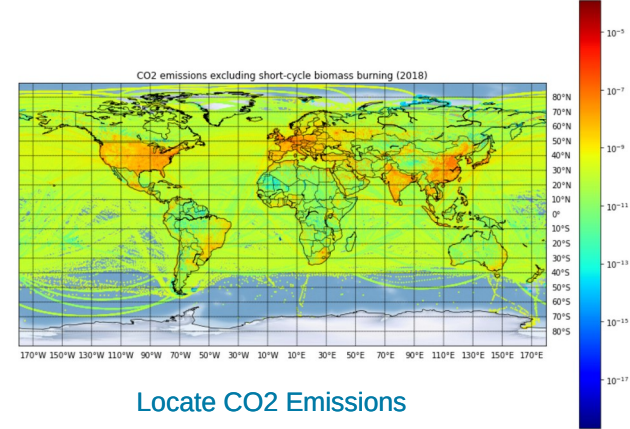
Reference Turbine Standards and Construction Plans



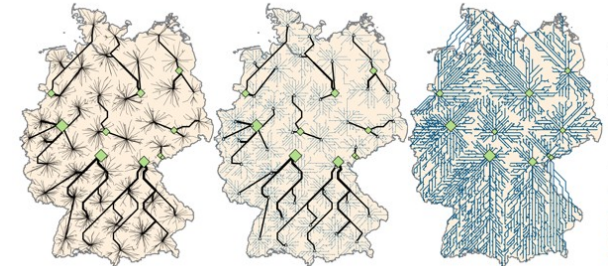
Monitoring the poles



Coupled Electrical-thermal simulations of battery systems

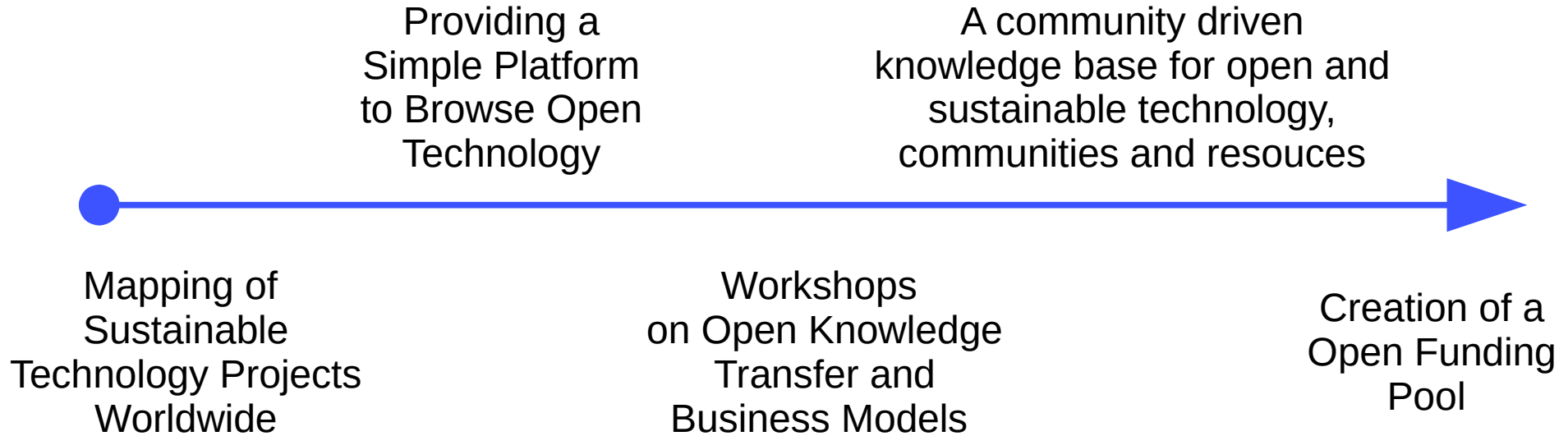


Locate CO2 Emissions



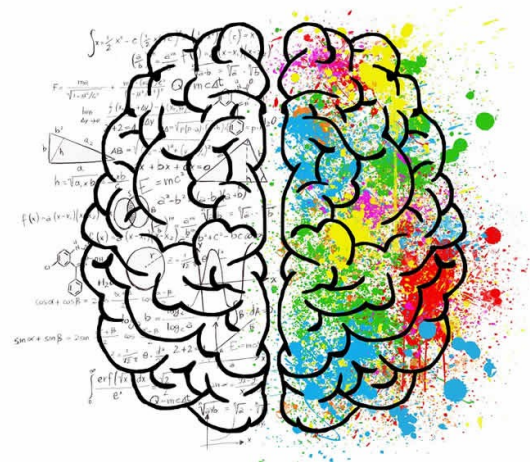
Hydrogen Infrastructure Model

Roadmap for an Open Knowledge Platform



How can you contribute?

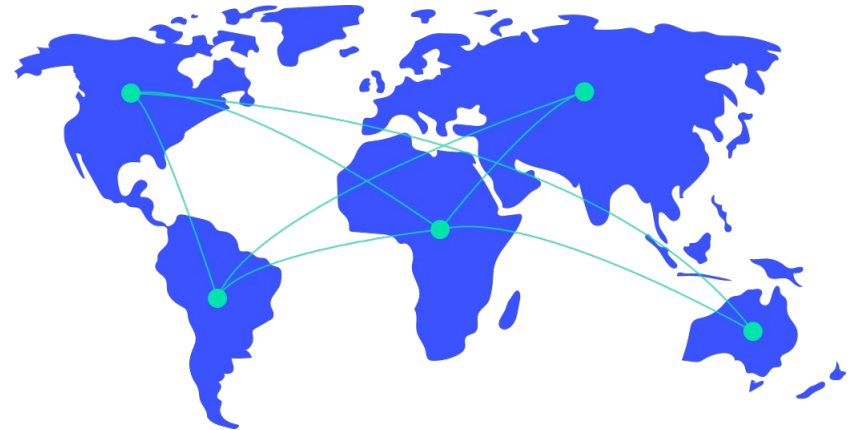
- ♦ Don't use patents, but license smartly
- ♦ Talk about the power of open technology
- ♦ Release and use open technology
- ♦ Donate to open projects
- ♦ Add your knowledge, report and fix bugs, add features, ...
- ♦ Create and label datasets
- ♦ Create communities



Don't be afraid to share knowledge. Learn how to build open business ecosystems.

Our Mission

- ♦ Building and empowering knowledge around sustainable innovation.
- ♦ Providing simple and direct donation distribution to developers.
- ♦ Consulting in open business models and strategies in research and industry.
- ♦ Initiating innovative ideas and concepts.





Thank you for your attention!
We look forward to your
questions and feedback.



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