

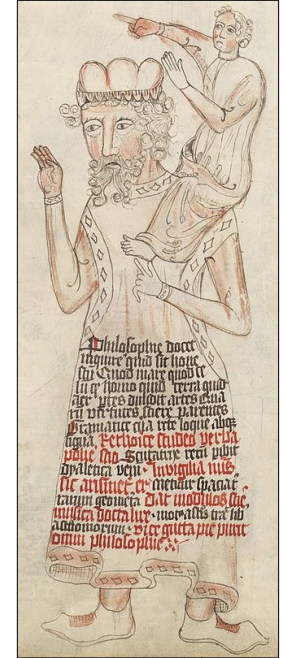


Standing on the Shoulders of Giants

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

Standing in the shoulders of giants

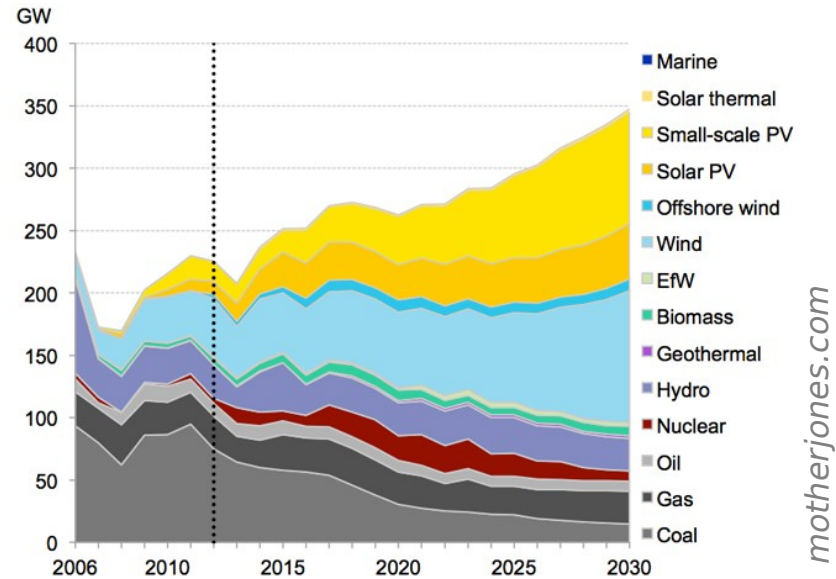
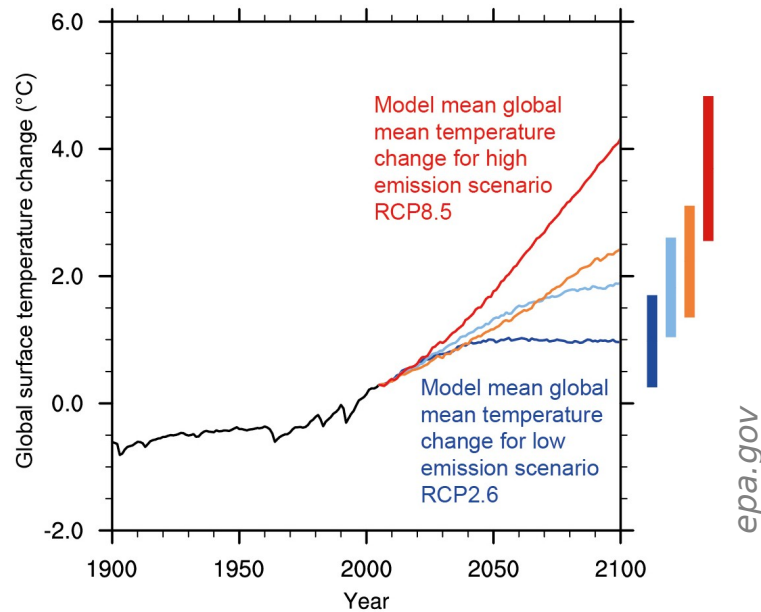
- ♦ 70 % of the worldwide code base is based on open source [1]
- ♦ Fast Innovation in Software Development
 - ♦ Cloud Computing [2]
 - ♦ High Performance Computing [3]
 - ♦ Artificial Intelligence [4]
 - ♦ Robotics [5]
 - ♦ Web Technology [6]
 - ♦ Blockchain [7]
 - ♦ Embedded Operation Systems [8]



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

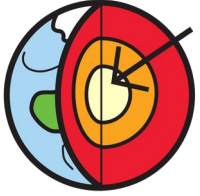
Wikipedia

A real chance to reach global climate targets



By spreading knowledge in this domain with open software, design, standards, tools, and platforms a sustainable economy can be reached in a short timespan.

What is the Secret?



Open Business
Models [1]



Open Standards
and Data



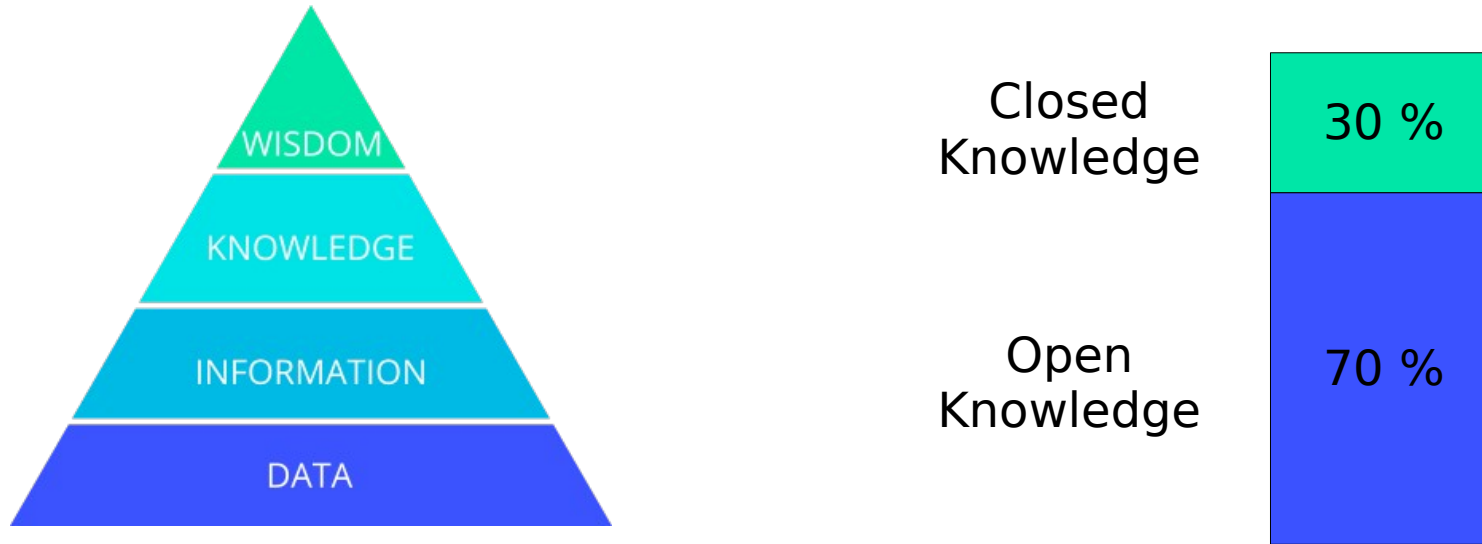
Inner Source -
Open Source Culture
within Organizations [2]



Open
Community

The key is to convince companies and institutions to jointly develop technologies in the field of climate change using open methods.

Why is Modern Software Development so Innovative?



Cooperative development methods in software development are so successful today because the complexity and knowledge cannot be managed in one organization.

Mapping Open Sustainable Technology

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

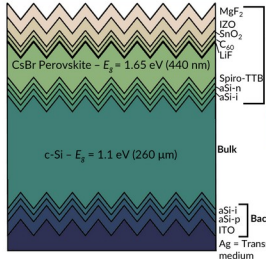
- Provision of the first global list mapping all sustainable, active and open technology projects.
- Everyone can contribute and extend the list.
- All projects are free and open and are sustainable for professional usage
- Only in this way can the access to vital resources such as stable climate, soil or water be secured for everyone in the long term.



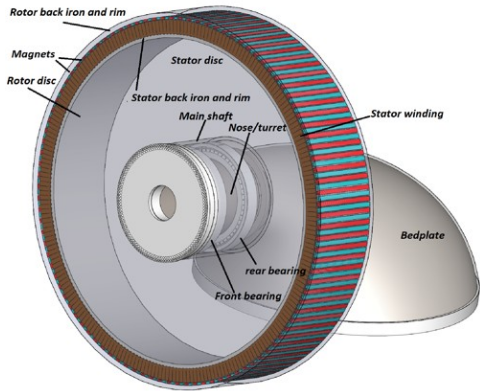
Artwork by Eleanor Lutz

[Awesome List](#)

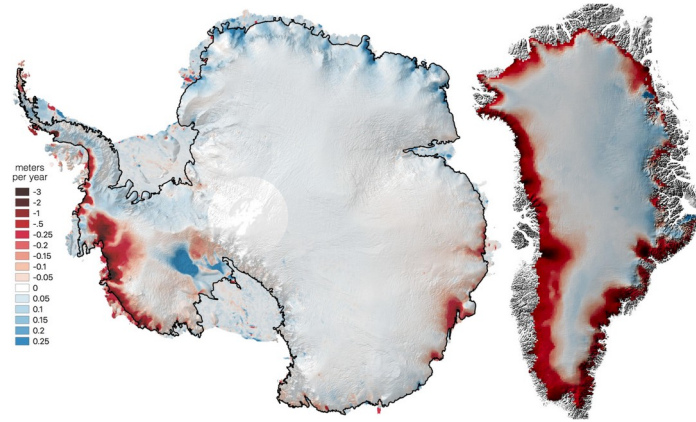
Hidden Gems



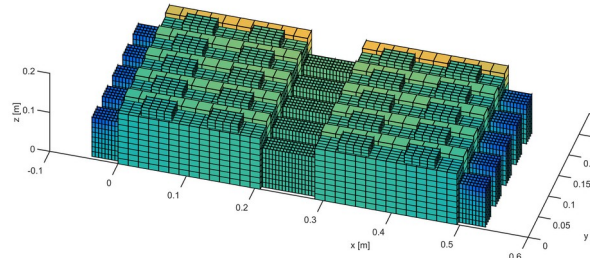
Raytrace Modelling in PV



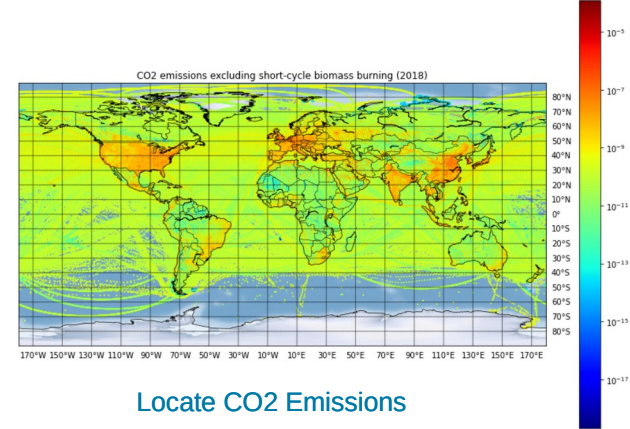
Reference Turbine Standards and Construction Plans



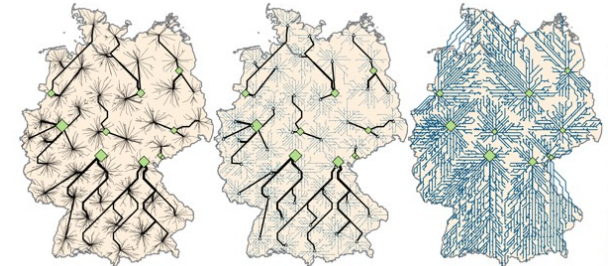
Monitoring the poles



Coupled Electrical-thermal simulations of battery systems



Locate CO2 Emissions



Hydrogen Infrastructure Model

Open and Automated Funding Pool

- prototypes will provide a globally transparent and open funding pool for sustainable technology.
- Projects on the list will have the opportunity to apply for continuous funding.
- LibreSelery will distribute the donations on the list selectively and randomly.



What can you contribute?

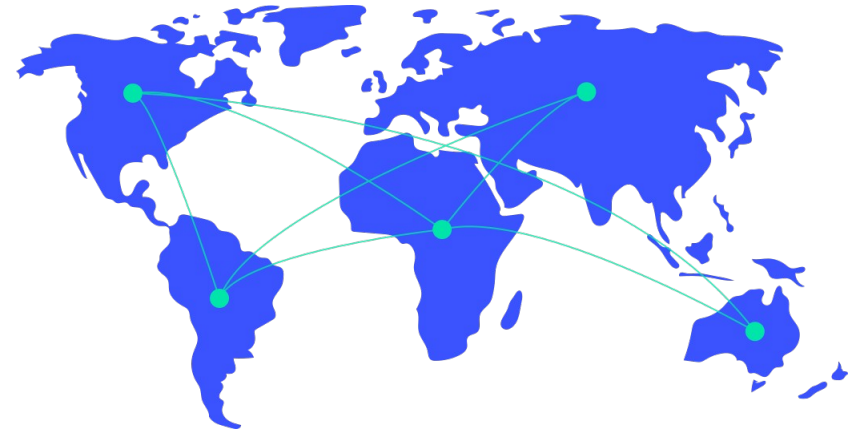
- ◆ Don't make a patent, but license smartly
- ◆ Talk about it
- ◆ Use open technology
- ◆ Donate
- ◆ Write source code, report and fix bugs, add features, ...
- ◆ Create and label datasets



Don't be afraid to make mistakes, experiment and be creative!

Get support from protontypes

- ♦ Building and empowering communities around innovative ideas
- ♦ Providing simple and direct donation distribution to developers
- ♦ Consulting for business models and strategies in research and industry
- ♦ Development and application of sustainable funding concepts
- ♦ Initiating ideas and concepts





Thank you for your attention!

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