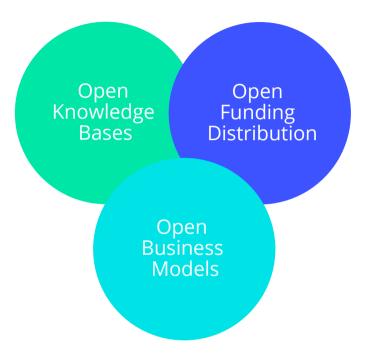


protontypes



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



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

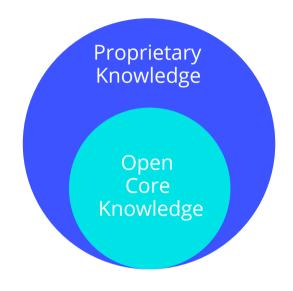


Wikipedia



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



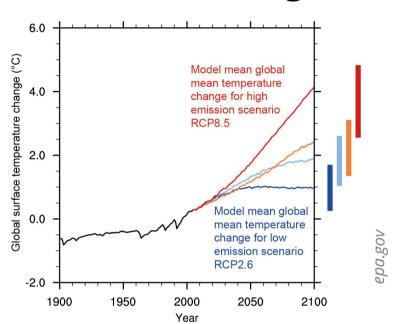
Inner Source Open Source Culture
within Organizations [2]

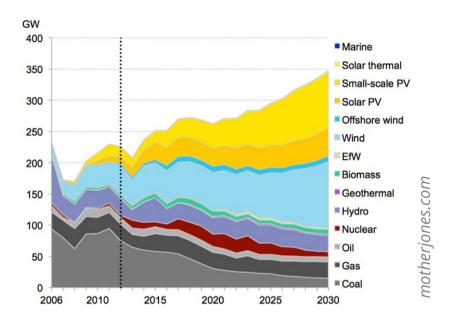


Open Community



Climate Change - A Challenge in Cooperation





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



Truly Sustainable is Open

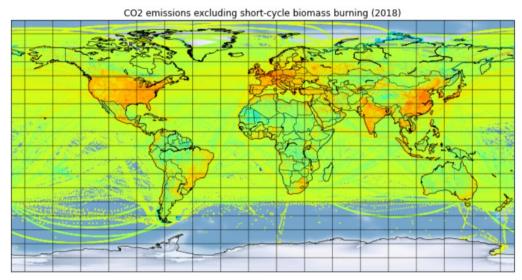
Only by envolving technology worldwide the impact of climate change can be reduced in the long term.



Open cooperation and development methods have shown fast accerlation 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

- 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 sustable for professional usage.



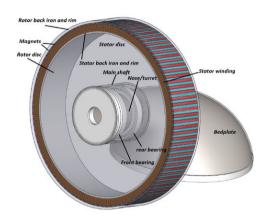
Artwork by Eleanor Lutz

Awesome List



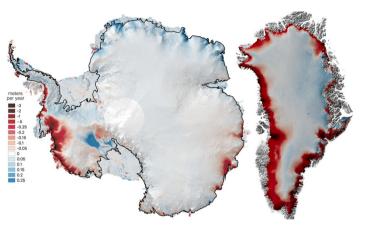
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Raytrace Modelling in PV

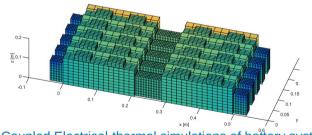


Reference Turbine Standards and Construction Plans

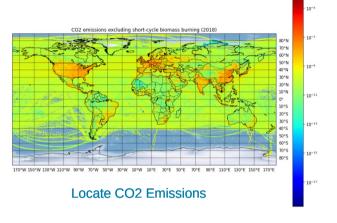
Finding Hidden Gems

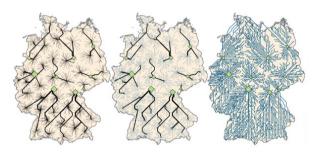


Monitoring the poles



Coupled Electrical-thermal simulations of battery systems





Hydrogen Infrastructure Model



Scaling the List to a Knowledge Base

- Simple DataStructure
- Easy to Maintain
- Simple Overview









https://climatescape.org/

- Better Accessibility
- CrossReferenceTopics
- Dynamic Features
- Newsletter
- Improved User Experience

How can we combine the advantages of an Awesome List with the overview, usability and accessibility of a knowledge platform?

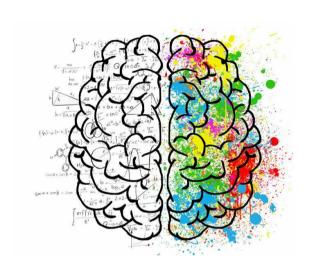


How can you contribute?

- Contribute to the list and spread the knowledge
- Talk about the power of open technology
- Release and use open technology
- Donate to open and sustainable projects
- Add your knowledge, fix bugs, add features, ...
- Don't use patents, but license smartly







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.





protontypes

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



Contact us:

- · Tobias Augspurger: tobias.augspurger@protontypes.eu
- Tjark Döring: tjark.doering@protontypes.eu