Innlegg hos TEKNA Oslo 2021-01-20

Tema i presentasjon	Referanser
Mytene rundt kjernekraft	• https://environmentalprogress.org/the-complete-case-for-nuclear • NB! Der er mange referanser i linken over.
Kjernekraft er fornybar	• https://www.forbes.com/sites/jamesconca/2016/07/01/uranium-seawater-extraction-makes-nuclear-power-completely-renewable • https://www.pnnl.gov/news/release.aspx?id=4514 • Hollenbach, D. F. and J. M. Herndon (2001). "Deep-Earth Reactor: Nuclear Fission, Helium, and the Geomagnetic Field." Proceedings of the National Academy of Sciences of the United States of America 98 (20):pp.11085-11090
Kjernekraft er den eneste storskala fornybar energi	• https://www.electricitymap.org/zone/DE • https://energy-charts.info/ • Smil, V. (2020). "Energiewende, 20 Years Later." IEEE Spectrum 57(12):pp.22-23
Offshore wind	• Prof. Gordon Hughes, Univ. Edinburgh
Batteries / pumpe-kraftverk	• Shaner, M. R., S. J. Davis, N. S. Lewis and K. Caldeira (2018). "Geophysical constraints on the reliability of solar and wind power in the United States." Energy & Environmental Science. 11:pp.914-925.
Spin-offs	• https://www.energy.gov/ne/articles/could-hydrogen-help-save-nuclear • https://www.wired.com/story/are-radioactive-diamond-batteries-a-cure-for-nuclear-waste/ • https://ndb.technology/ • https://mipt.ru/english/news/prototype_nuclear_battery_packs_10_times_more_power • https://newatlas.com/energy/nano-diamond-battery-interview-ndb/ • https://radiographyinfo.com/index.php/radiography1/nuclear-medicine
Innovasjon I kjernekraft	• Advances in Small Modular Reactor Technology Developments. A Supplement to: IAEA Advanced Reactors Information System (ARIS). 2020 Edition
Doumenter ift MSR hos ORNL	• https://energyfromthorium.com/pdf/
LWR vs MSR	• Hargraves, R. and R. Moir (2010). "Liquid Fluoride Thorium Reactors: An old idea in nuclear power gets reexamined." American Scientist 98 (July-August):pp.304-313
MSR design	• liquid_fluoride_thorium_reactors_overview_by_robert_hargraves_thec10.pdf • Moir, R. W. and E. Teller (2005). "Thorium-Fueled Underground Power Plant based on Molten Salt Technology." Nuclear Technology 151(9):pp.334-340.
CERN Dragon	• E. Merle-Lucotte. Introduction to the Physics of the Molten Salt Fast Reactor. Thorium Energy Conference 2013 (ThEC13) – CERN, Geneva.
Kostnader MSR	• Moir, R.W. (2002). "The cost of electricity from Molten Salt Reactors (MSR)." Nuclear Technology 138(1):93-95.
Deep-sea utslipp	• Olmer, N., B. Comer, B. Roy, X. Mao and D. Rutherford (2017). Greenhouse Gas Emissions from Global Shipping, 2013–2015. Washington, DC, International Council on Clean Transportation (ICCT).p. 27.
Marine MSR	• Emblemsvåg, J. (2021). "How Thorium-based Molten Salt Reactor can provide clean, safe and cost-effective technology for deep-sea shipping." The MTS Journal. In press.