## Sources

- 1. "Is hydrogen the solution to net-zero home heating," The Guardian, March 21, 2020.
- 2. "Hydrogen Basics," Alternative Fuels Data Center, U.S. Department of Energy.
- 3. "The Future of Hydrogen," International Energy Agency, June 2019.
- 4. "The Hydrogen Revolution in the Skies," BBC, April 7, 2021.
- 5. "Prof. Svetlana Ikonnikova, PhD," Technische Universität München.
- 6. "Svetlana Ikonnikova," Texas Geosciences.
- 7. "Hydrogen," Royal Society of Chemistry.
- 8. "Nuclear Explained," U.S. Energy Information Administration.
- 9. "The fuel that could transform shipping," <u>BBC</u>, November 29, 2020.
- 10. "Hydrogen's Role in Transportation," U.S. Department of Energy.
- 11. "Truck Makers Face a Tech Dilemma: Batteries or Hydrogen?," The New York Times, April 11, 2022.
- 12. "Hydrogen Explained," U.S. Energy Information Administration.
- 13. "Gaseous Hydrogen Delivery," U.S. Department of Energy.
- 14. "Liquid Hydrogen Delivery," U.S. Department of Energy.
- 15. "Hydrogen Pipelines," <u>U.S. Department of Energy</u>.
  16. "Flame Temperature," <u>Science Direct</u>.
- 17. "Heat Value of Various Fuels," World Nuclear Association.
- 18. "Solar-Plus-Storage 101." U.S. Department of Energy.
- 19. "Solar and Wind Power Could Ignite a Hydrogen Energy Comeback," Scientific American, February 1, 2020.
- 20. "Ethanol Fuel Basics," Alternative Fuels Data Center, U.S. Department of Energy.
- 21. "Can industry decarbonize steelmaking?," C&EN, June 13, 2021.

22. "Hydrogen Adds Longevity to Laptops, Phones, and Drones, But Is It Practical?," IEEE Spectrum, January 8, 2016.

- 23. "Hydrogen," National Library of Medicine.
- 24. "Methane," National Library of Medicine.
- 25. "Fuel Cells," U.S. Department of Energy.
- 26. "How Fuel Cells Work," NOVA.
- 27. "Gasoline Explained," U.S. Energy Information Administration.
- 28. "Korea Southern Power completes Incheon hydrogen complex," Energy News, October 26, 2021.
- 29. "World's Largest Hydrogen Fuel Cell Power Plant Jointly Built By Doosan Fuel Cell Put Into Service," Doosan, November 2, 2021.
- 30. "Water," National Library of Medicine.
- 31. "Hydrogen Production and Distribution," Alternative Fuels Data Center, U.S. Department of Energy.
- 32. "Hydrogen Production: Electrolysis," U.S. Department of Energy.
- 33. "Hydrogen Production: Natural Gas Reforming," U.S. Department of Energy.
- 34. "Hydrogen Fuel Cell Vehicles," U.S. Environmental Protection Agency.
- 35. "Fuel Cell Electric Vehicles," Alternative Fuels Data Center, U.S. Department of Energy.
- 36. "Cost of long-distance energy transmission by different carriers," iScience, December 17, 2021.
- 37. "How green is blue hydrogen," Energy Science and Engineering, August 12, 2021.

38. "Climate Benefits of Wind and Solar Outweigh Costs of 'Hidden' Emissions," Yale School of the Environment, December 14, 2017.

- 39. "How Much Will Hydrogen-Based Power Cost?," Power, February 27, 2020.
- 40. "Optimising air quality co-benefits in a hydrogen economy: a case for hydrogen-specific standards for NO<sub>x</sub> emissions," Environmental Science: Atmosphere.
- 41. "Safe Use Hydrogen," U.S. Department of Energy.
- 42. "Natural Gas Explained," U.S. Energy Information Administration.