

The reasons why hydropower remained

Sociotechnical imaginaries of electricity futures
in Norway from 1945 to 1990

A media analysis based on articles from
the Norwegian daily newspaper Aftenposten

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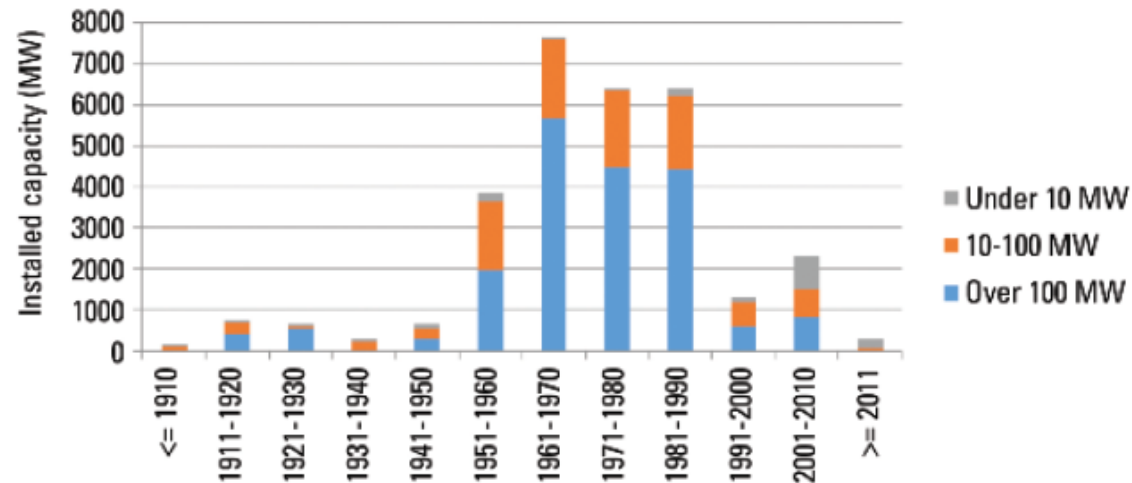


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Background

- Norway's hydropower boom: 1945-1990



Lia, L. et al.: The current status of hydropower development and dam construction in Norway; in "Hydropower and Dams", Issue 3 2015, p. 39.

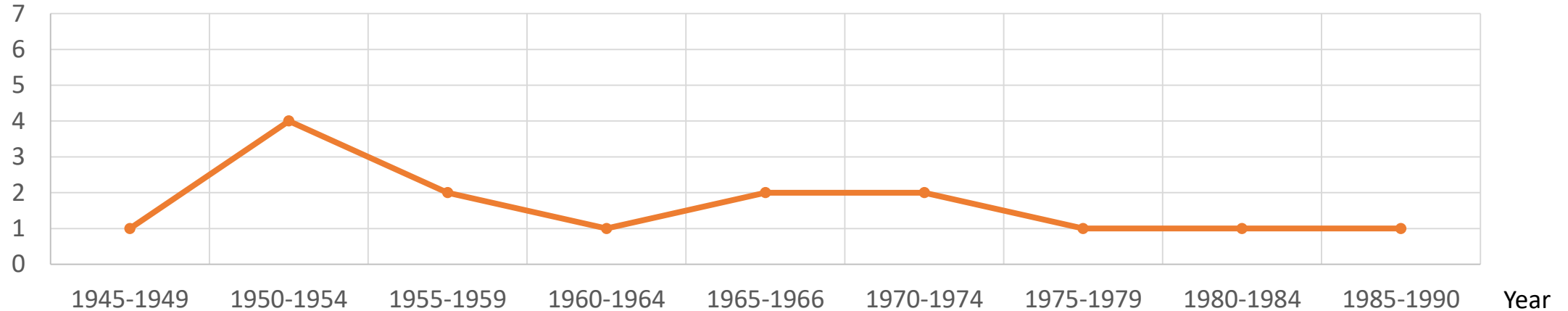
- How did people in this period in Norway imagined the most affordable electricity futures for Norway?**
- Sociotechnical imaginaries of electricity futures (Jasanoff & Kim 2009)
- Aftenposten** newspaper = 62 articles



Møllerstad, Ingvald; <http://www.scanpix.no>

Sociotechnical imaginaries

Articles

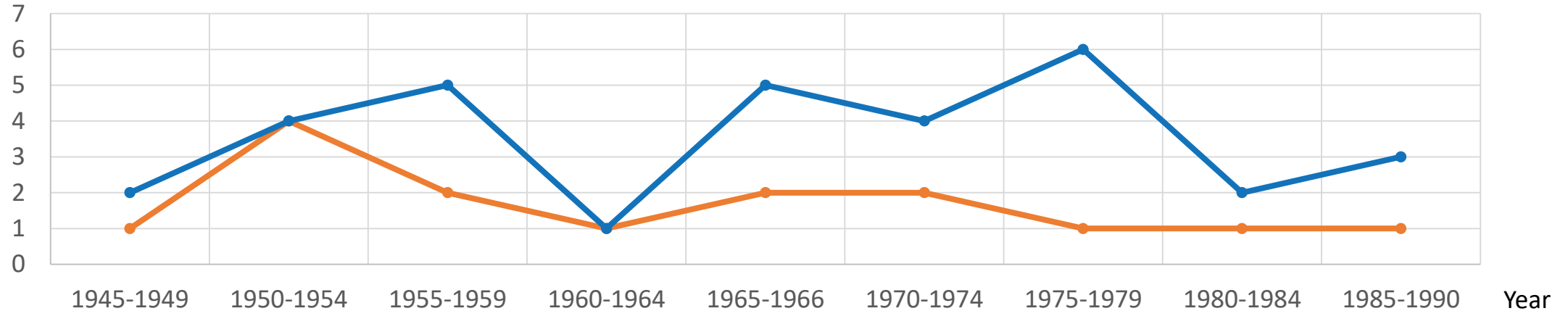


Power Trade

- I. Exports = Loose of price advantage
- II. Imports = Diversification
- III. Exports = Foster hydropower expansion

Sociotechnical imaginaries

Articles



Power Trade

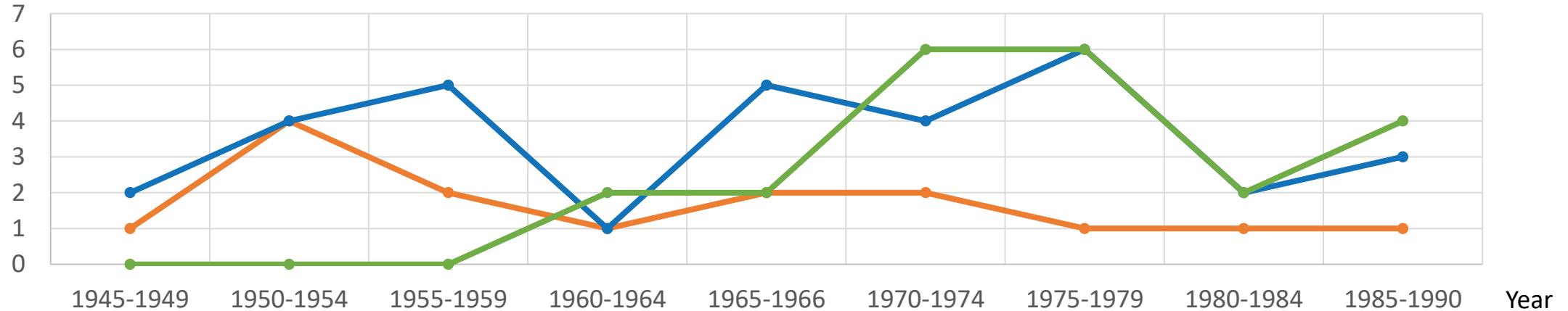
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Hydropower Alternatives

- I. Diversification
- II. Nuclear power
- III. Other renewables

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Environmental Protection

- I. Nature harming projects
- II. Nature has its own value
- III. Hydro = least harming

Take-Home-Messages

- I. Sociotechnical imaginaries of electricity futures in Norway 1945-1990
→ understand Norway's hydropower richness today

- i. **Power Trade:** Energy security

- ii. **Hydropower Alternatives:** Renewables only (after year 2000)

- iii. **Nature Protection:** Part of political decision-making since 1969



NVE, <https://temakart.nve.no/tema/vannkraft>



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Thank you for your attention!

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