How BarentsWatch are practically used in Norway's aquaculture.
For UiT by Teams 11.04.23

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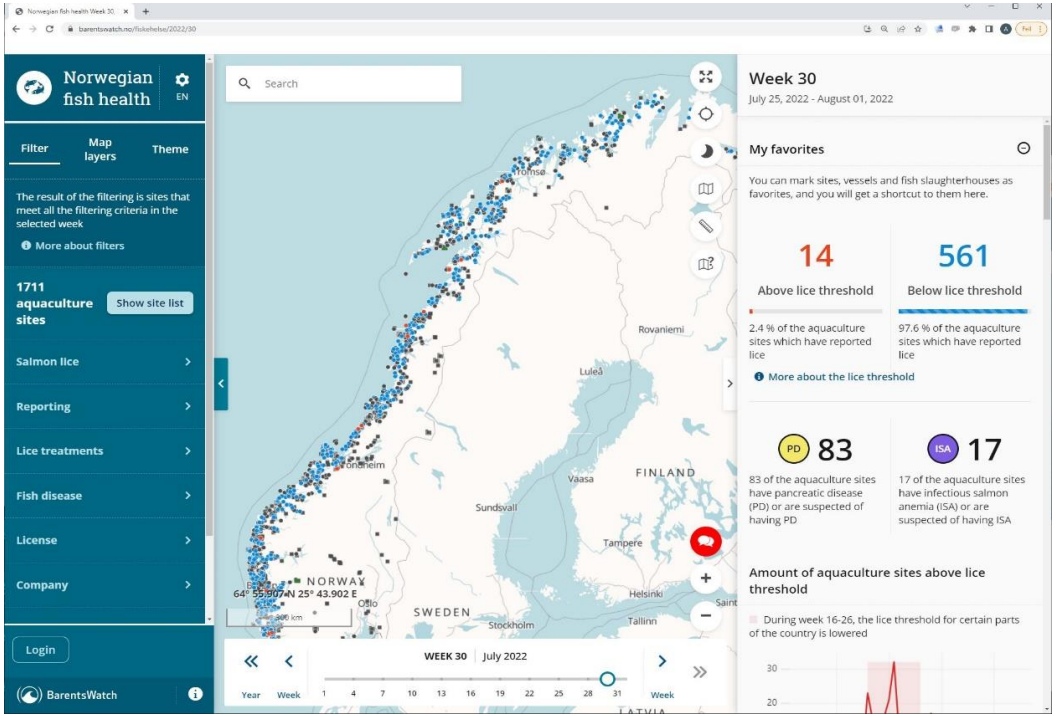
BarentsWatch

BarentsWatch Fishhealth – a tool showing fish farm status in Norway

- *Fishhealth* demo or die
- *Fishinfo* service (fisheries)
- *Fishhealth* download and data sharing through API (demo)
- Service development process
- About BarentsWatch
- Q&A



BarentsWatch

Fiskehelse demo or die

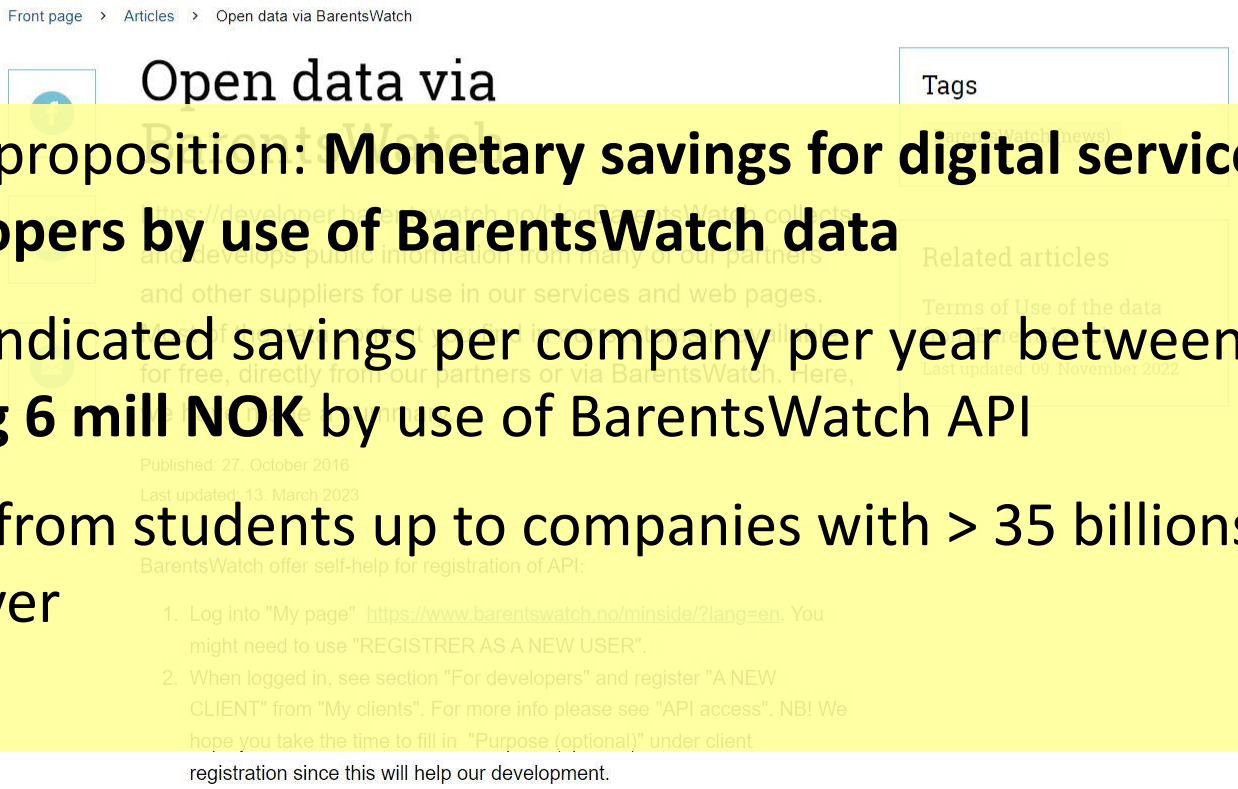
https://www.barentswatch.no/fiskehelse/

- Norwegian Minister of Fisheries and Ocean Policy, *Bjørnar Selnes Skjæran* wants an update before meeting the fish farm industry in Finnmark

- Mattilsynet inspector / wellboat planning checking disease status

- Municipality for business developers – new!

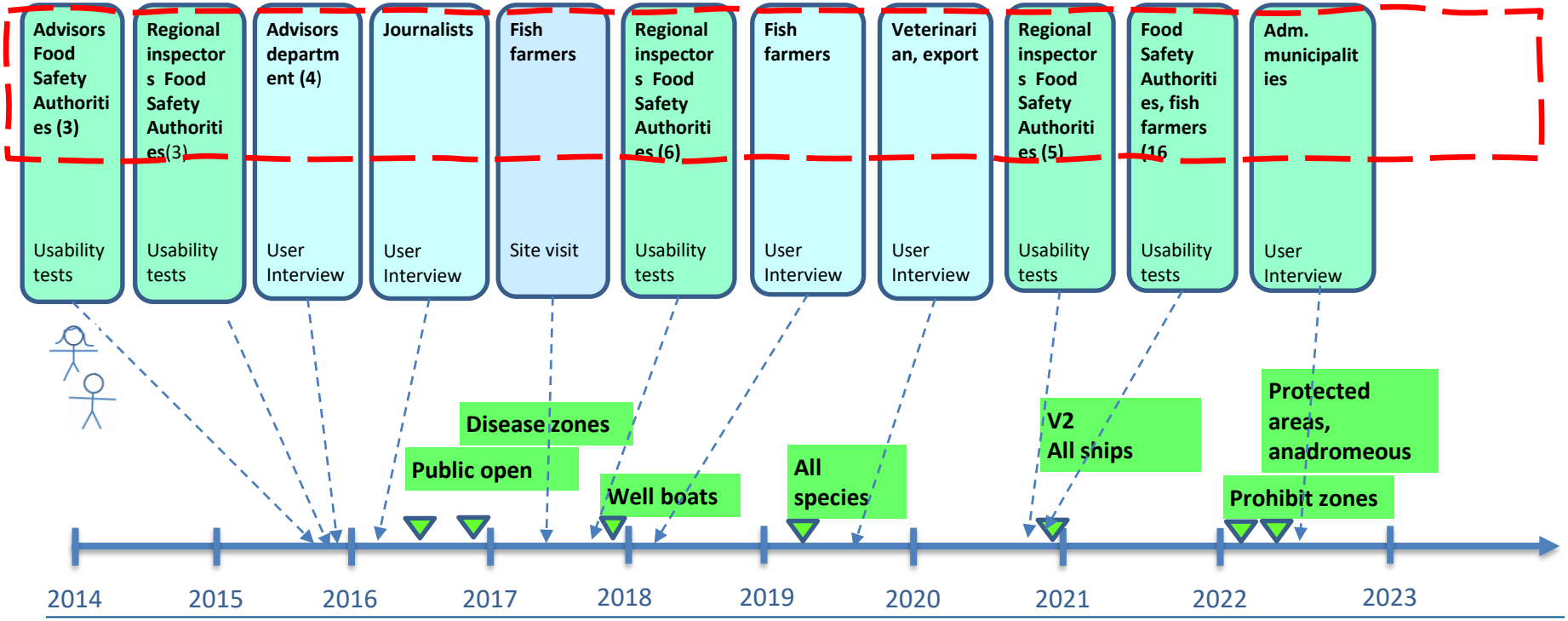
Open data- a tool supporting Norwegian industry



- Value proposition: **Monetary savings for digital service developers by use of BarentsWatch data**
- 2019 indicated savings per company per year between **NOK 20 000 og 6 mill NOK** by use of BarentsWatch API
- Users from students up to companies with > 35 billions NOK in turnover

- All data are harvested and updated automatically by BarentsWatch
- Akvakulturregisteret (Fdir)
  - Licence, ownership, geolocation, …
  - Updated every night at BarentsWatch
  - Reported by fish farm companies (at least monthly)
- Lice reporting (Mattilsynet)
  - Updated every night at BarentsWatch
  - Manuel count reported by fish farm companies no later than Tuesday the following week: Lice count, lice countermeasures, temperature, …
  - Public infrastructure Altinn, normally interfacing by API to production system of fish farmers
- ISA and PD notifiable viral diseases
  - Continues reported by fish farm companies / veterinary services
  - Updated every 15 minutes at BarentsWatch
- And more…

Fishhealth developed through end user groups



BarentsWatch

Team

BarentsWatch

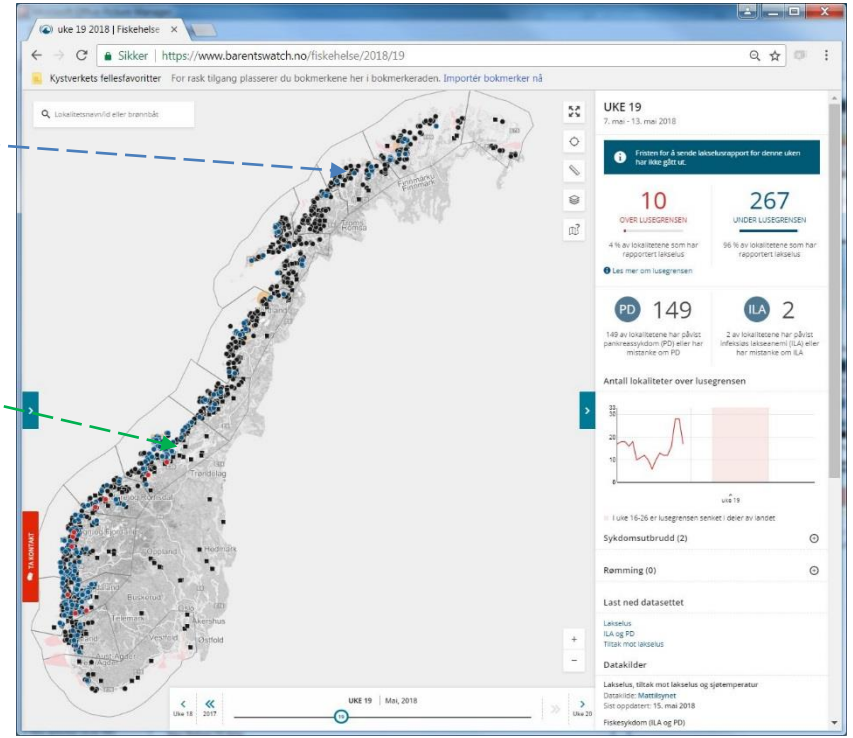
Product owner

Bouvet

Teamleder
(*Scrummaster*)

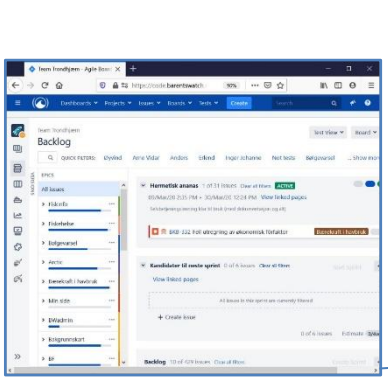
«Expert» end user

«Expert» end user



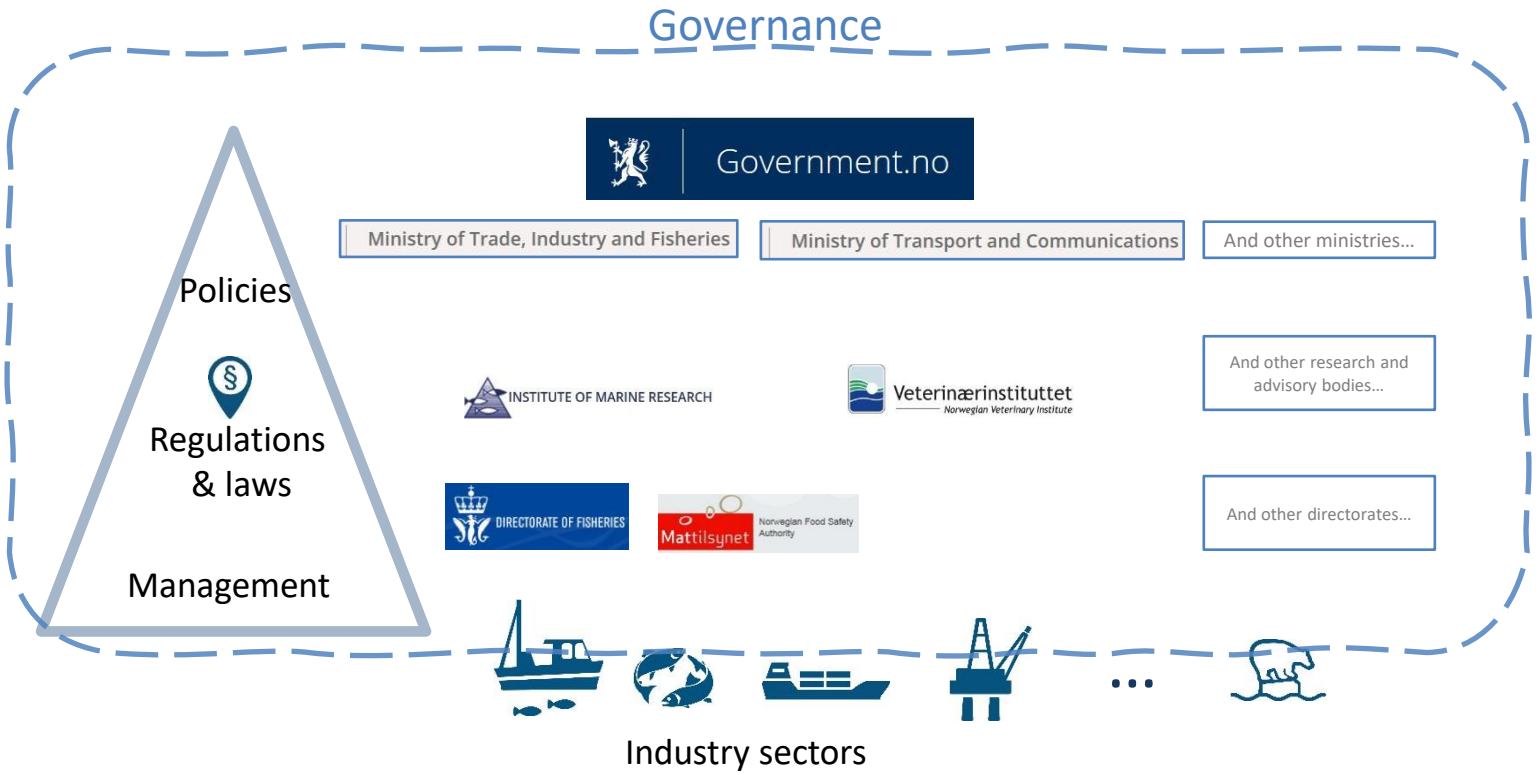
BarentsWatch

Scrum (smidig) development



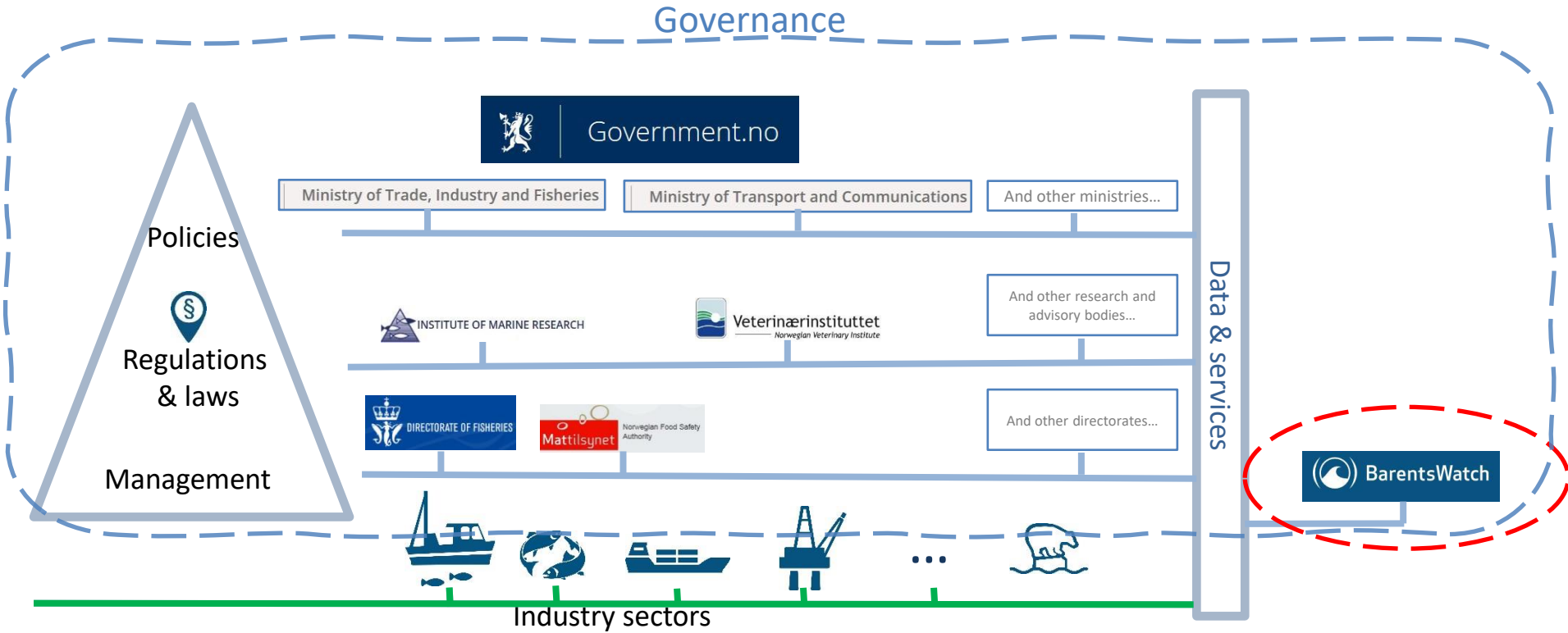
BarentsWatch

Industry and governance



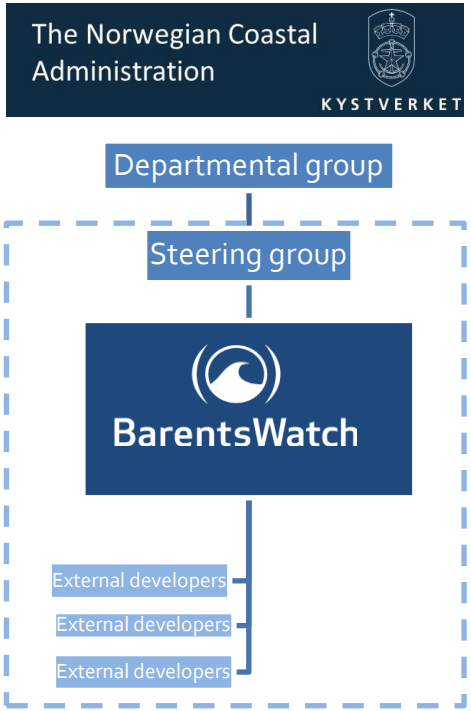
BarentsWatch

BarentsWatch sharing data



BarentsWatch

BarentsWatch collecting and sharing data related to sea



- The Norwegian Coastal Administration is the host (Ministry of Transport and Communications)
- Launched in 2012 as a (political) project
- Directly financed through the national budget
- 11 employees
- 35 external developers
- 2022 budget aprox 50 million NOK
- Office premises in Tromsø, Norway


Thank you for your attention!
Questions?