

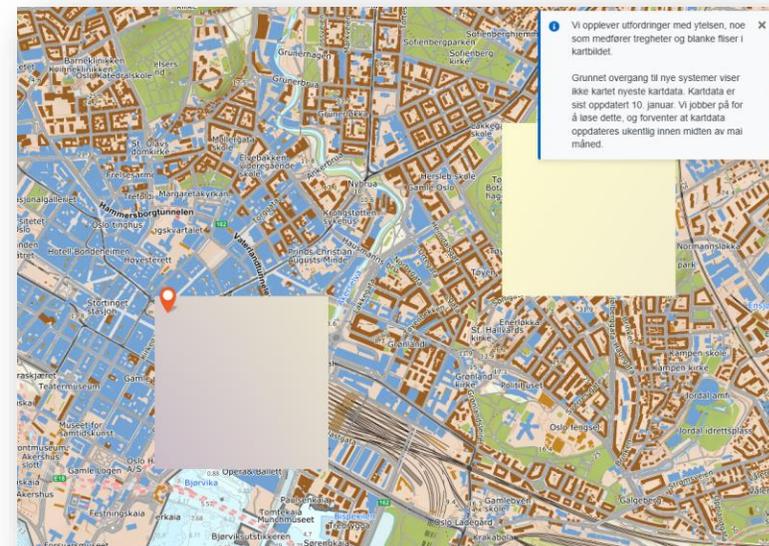
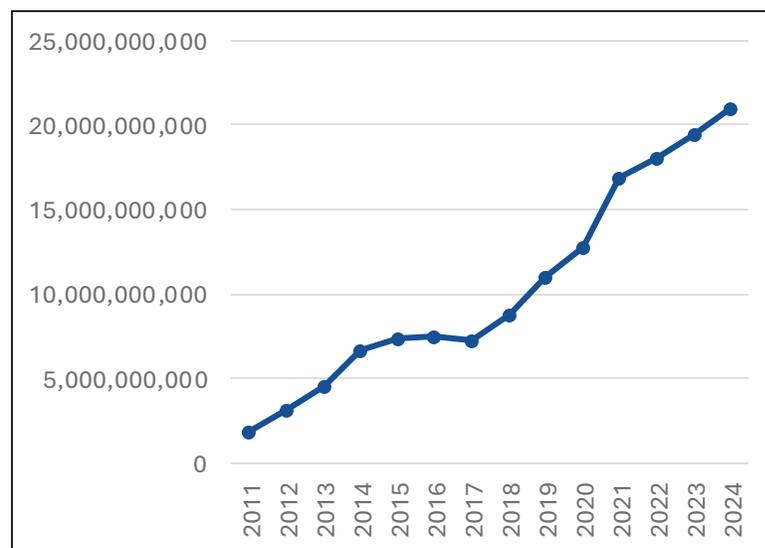
Modernising the Norwegian SDI

Reidun Kittelsrud, Director of the Geodata Coordination Department - Norwegian Mapping Authority



Growth = Gain and pain

- Number of map views from **2 billion in 2011** to **21 billion in 2024**.
- Geodataportal usage increased by **34%** from 2023 to 2024.
- Registered 240 % increase in user reported errors from 2023 to 2024



When risks rise - geospatial data matter!



Building the collaboration platform of the future

From today's **monolithic solutions**

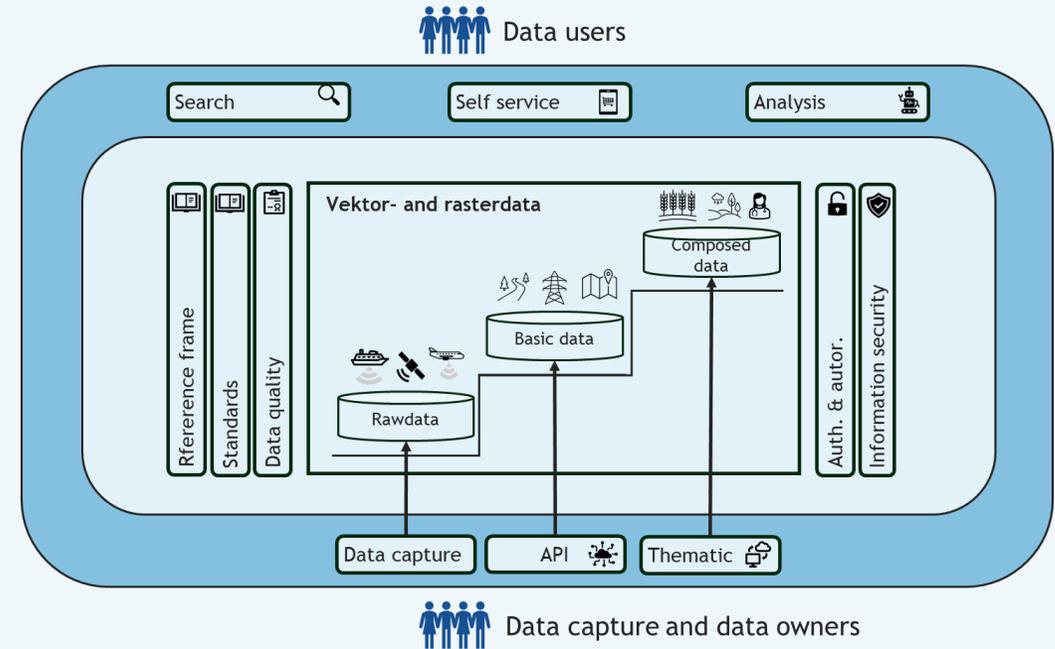
Dagens fellesløsninger for kart og kartdata

Posisjonstjenester	Terreng- og avbildninger	Vedtaksbaserte data	Fysiske kartobjekter	Delingsplattform
				
Posisjonstjenester	Høyde- og dybde data Bilddata Norge i Bilder Vannstand	Matrikkel Grunnbok Stedsnavn Grenser og adm. inndelinger	Landsdekkende sjø- og landkart Detaljerte kart (SFKB) Ledning - luftfartshindre	GEONORGE Innsynsløsninger
Geodetisk referanseramme IT infrastruktur og sikkerhet				

Challenges

- Increasing data volumes and growing usage
- Technical debt, rising costs and reduced financial flexibility
- More errors and downtime
- Changing geopolitical situation and new user needs...

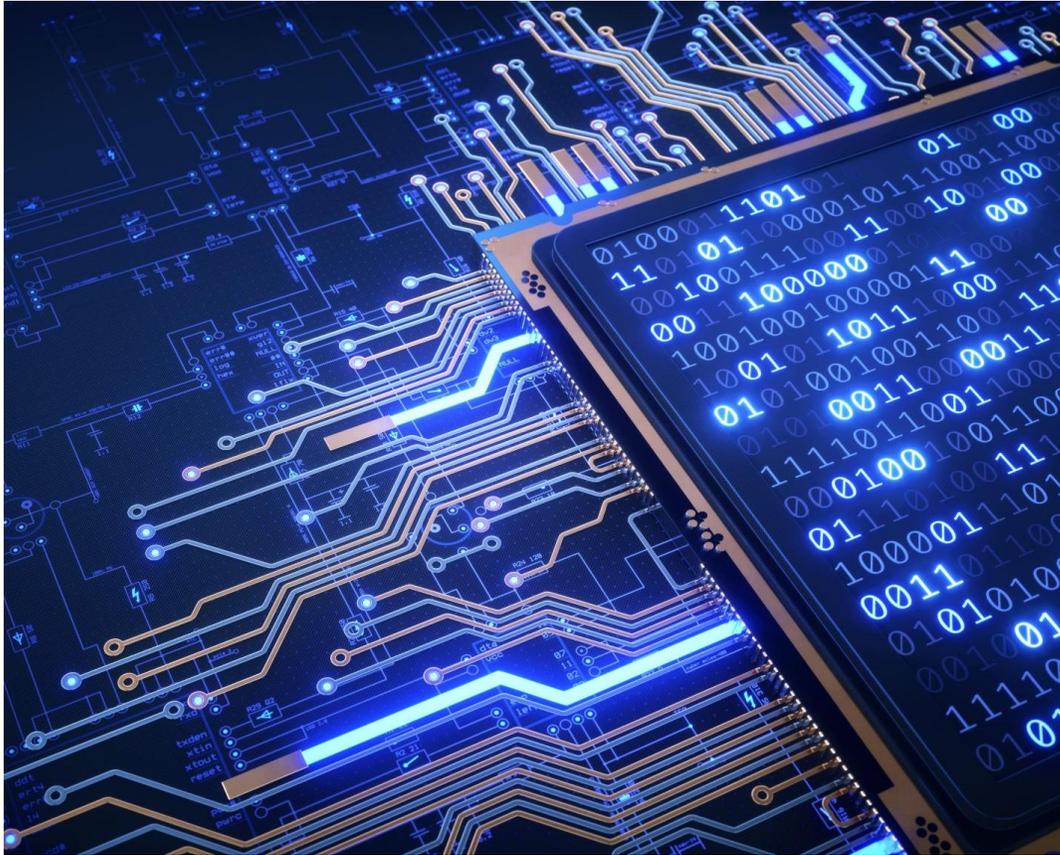
To the future **Collaboration platform**



Opportunities:

- More efficient functionality for sharing and using data
- Increased supply of geospatial data and support for analyses that address evolving and new user needs
- Find, understand, connect, and use geospatial data effectively.
- Robust authentication and authorization capabilities designed for a heightened security landscape

AI will either overwhelm geospatial governance – or strengthen it



- If AI can impose structure, how should we think about future standards?
- If AI agents become the primary interpreters of schemas, what do our specifications need to look like?
- How do we reshape our access-control frameworks, to benefit from AI and to prevent from misuse by AI?



Questions?

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Kartverket