



Kartverket

# What will be the relevance and benefit of National Spatial Data Infrastructure in 2027?

*Director General Anne Cathrine Frøstrup,  
Norwegian Mapping Authority*



2007 ← 2017 → 2027





# Trends

(still everything happens somewhere)



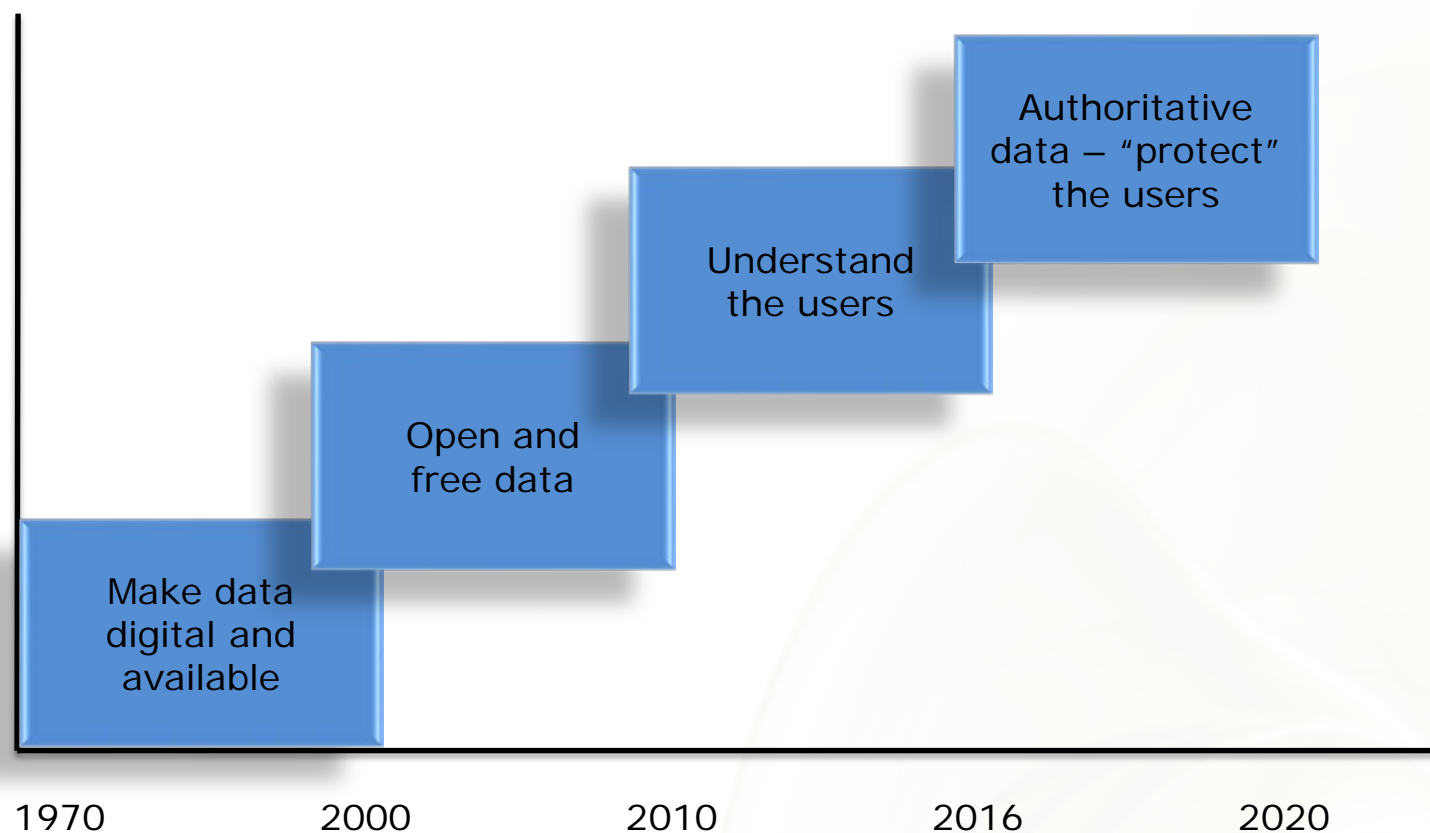


- **NEVER  
TOO  
OLD  
  
TO GO  
DIGITAL**



# Spatial data evolution

**OPEN AND FREE DATA !**





# Disruptive innovation and technology



# User orientation



Interact

Engage

Customize

Optimize

Coordinate

Distribute

Make available

Convert

Build



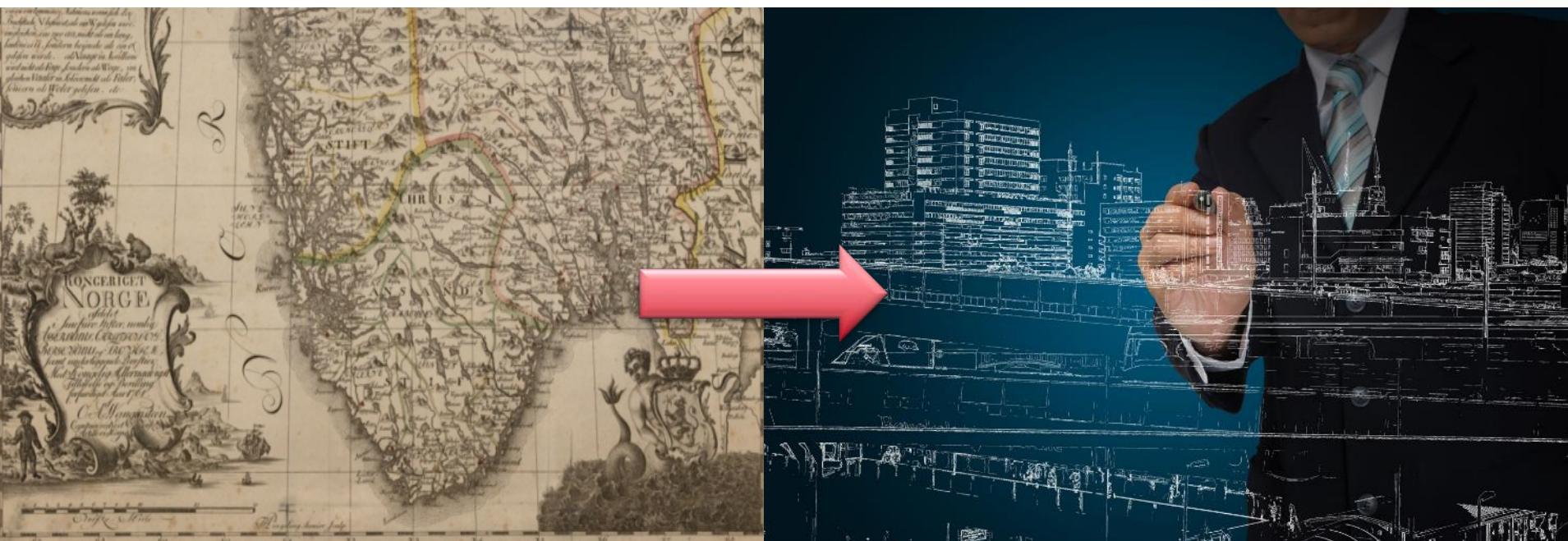


# What is NSDI?





# Digital model of reality



# Need for authoritative data

The screenshot displays the sePlan web application interface. At the top, the 'Kartverket' logo and 'sePlan' title are visible. The main area shows a map of Bergen, Norway, with various planning data overlays. A search bar on the left shows 'bergen' entered, and a list of search results is displayed below it. A 'Reguleringsplanområder' (Regulation areas) window is open, showing a table of planning data. A pink box highlights the search results, and an orange box highlights the 'Used for' section. A bottom right window provides information about the data source.

**Search Results:**

- Bergen (By) Kommune: 1201 - Bergen Hordaland
- Bergen (Bruk (gardsbruk)) Kommune: 0827 - Hjarstad Telemark
- Bergen (Annen kulturdetali) Kommune: 0128 - Rakkestad Østfold
- Bergen (Utmark) Kommune: 0831 Telemark
- Bergen kommune Kommune: 1201 Hordaland

**Reguleringsplanområder:**

Plannavn	Kommunenummer	PlanID	Plantype	Planstatus	Planbestemmelse	Vertikalnivå	Forslagstillertype	Lovreferansestype	Lovreferansebeskrivelse	Ikrafttredelsesdato	Oppløsningsfrist	Vedtattkandidatdato
	8150000	1201	30 - Eldre reguleringsplan	3 - Endelig vedtatt arealplan	4 - Planbestemmelser både kart og tekst	2 - På grunnnivå/verifiserbare	4 - Plan- og bygningsloven av 1985			1985-10-20		

**Used for :**

- Better decision-making
- Analysis of multiple dataset
- Extrapolations

**PLANINNHOLD**

N.B. SePlan inneholder kopi av data fra kommunenes digitale planregistre. Innholdet er derfor avhengig av at kommunen har gjort sine data tilgjengelig i den nasjonale geografiske infrastrukturen.

De nyeste dataene vil alltid være å finne hos kommunen.

[Ikke vis dette innlegget](#)



# Cooperation – a must!



5,3 million

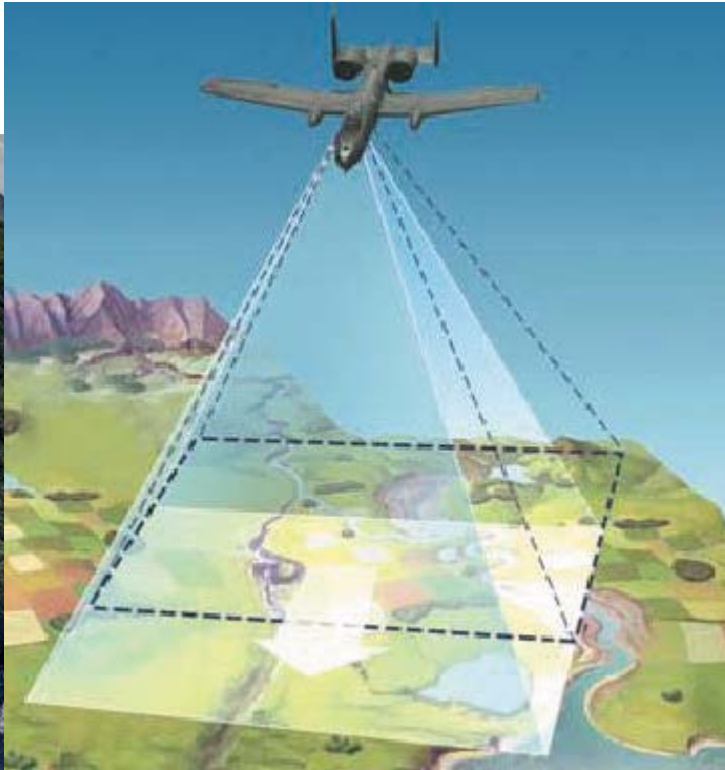


65,2 million





# Land and sea mapping



# Infrastructures – nationally and international



**ELF** EUROPEAN  
LOCATION  
FRAMEWORK



**GGIM**  
UNITED NATIONS INITIATIVE ON  
GLOBAL GEOSPATIAL  
INFORMATION MANAGEMENT



**GEONORGE**



Kartve.no

# Will NSDIs exist as separate entities or be part of Government Data Infrastructure?

- We are already integrated – luckily! It will be more....
- How automated data processing will impact NSDI policies?

There will be no specific NSDI policies. We will survive if – and only if! - we deliver what the users need. Further integration....



# Arctic SDI



**ARCTIC  
SDI** Arctic Spatial  
Data Infrastructure



