



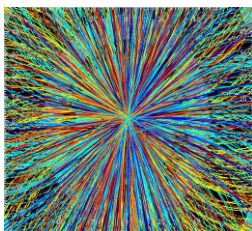
European Strategy Forum on Research Infrastructure

Research infrastructure for cutting-edge research

Dr. Hanne Monclair
Norwegian Ministry of Education and Research

Meld. St. 7 (2014-2015)

Langtidsplan for forskning og høyere utdanning 2015-2024



- Seas and Oceans
- Climate, Environment and Renewable Energy
- Enabling Technologies
- Better and more effective public services
- Innovative and Adaptable Industries
- World-leading academic environments



1. Investments, operation costs, international membership fees and use
2. Sharing and archiving of research data, standardization, harmonization, citations, credit



After one year...



- Ambitions
 - Build a knowledge based society
 - Secure a competitive and innovative business sector and a sustainable welfare state
 - Establish more world-leading university environments
 - Increase investments in research and innovation
 - Increase internationalisation of research
- Two of the main initiatives
 - Strategy for Norway's cooperation with the EU on research and innovation
 - Long term national plan for research and higher education



Low Norwegian success rates in general

Even lower among young researchers (StG)



Investment -- Responsibility
 > 2 mill. = Research institutions
 - 2-200 mill. = National financing initiative
 < 200 mill. = Handling at ministerial level

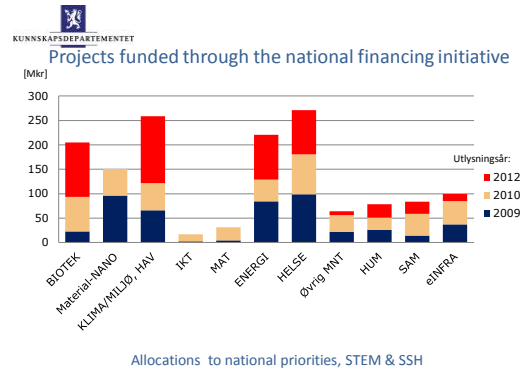
RCN - Norwegian Roadmap for RI
 ESFRI - European Roadmap for RI



KUNNSKAPSDEPARTEMENTET





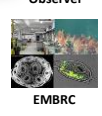
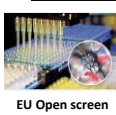


ESFRI and Norway

- Involved in 24 research infrastructures on the ESFRI Roadmap 2010, committed to 12
- Hosts
 - CESSDA AS (Council of European Social Science Data Archives, opened in Bergen 5th Dec. 2013)
 - SIOS (Svalbard Integrated Arctic Earth Observing System)
 - ECCSEL (European CO₂ Capture and Storage Laboratory Infrastructure)
- ESFRI projects have to apply to the national financing initiative like any other national RI project

KUNNSKAPSDEPARTEMENTET

ESFRI-Health and food

EATRIS

ECRIN

KUNNSKAPSDEPARTEMENTET

Data and meta-data must be:

- Discoverable
- Accessible
- Intelligible
- Assessable
- Re-usable

Only when these criteria are fulfilled are data properly open



HelseOmsorg21

ET KUNNSKAPSSYSTEM FOR GODT HELSE

Nasjonalt forsknings- og innovasjonssystem for helse og omsorg





DVAWAO



110416

Sharing and archiving of publicly funded research data

Report to the Research Council of Norway



MareNostrum – the most powerful supercomputer in Spain, part of the partnership for advanced computing in Europe (PRACE)



NorArgo – EuroArgo – GlobalArgo

