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## **Day 2 Topic 3: Strategies for fostering open knowledge and open access in research**

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## Key Discussion Items

- Three presentations, reflecting policy initiatives at EU level, the national level and the P2P level comprising open data, research and publishing.
- Who drives these actions?
  - Actions are by large community and bottom-up driven. Only recently, big players/publishing houses are moving in.
- What is the demand for policies?
  - Fostering and creating incentives for open science
  - Removing barriers for open science
  - Mainstreaming and further promoting open access policies
  - Developing an open science cloud (EU level) and open infrastructures
  - Embedding open science in society to make science more responsive to societal and economic expectations
- What is the role of public actors at different levels?

## Key Findings

- There is limited room for top down prescriptions but there is a need for incentives, harmonisation of interoperability
- Policy acts as a facilitator not an imposer of services that need to be used.
- Open access strategy of Finland provides key characteristics on responsibilities of funding agencies, a framework for performance indicators of open science at national and institutional level and for research community.
- JPI Climate developed open knowledge guidelines, which can be seen as a good practice case from JPI community.
- JPI Climate: 3 levels of implementation of open knowledge policies:
  - 1) Adoption of the Guidelines on Open Knowledge
  - 2) Actively promotion of the Guidelines at “internal level”, (e.g. joint calls, alignment measures, workshops and networking activities)
  - 3) Actively promotion of the Guidelines at “national level”: harmonization

## Recommendations

- Be careful, not to re-invent the wheel but implement existing good practices effectively
- Concentrate on some areas to make change happen in dividing the workload
- Create incentives for open science and make open access mandatory: Introduce openness criterion for research funding and research review
- Facilitate training of trainers: big role of doctoral training
- Develop services for utilization of open research data (focus on common architecture, interoperable tools)
- JPIs (and other ERA instruments) are good tools to be more united in Open Knowledge on European level.