

Open infrastructure for Open Science



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Principle of Openness

-  Open by DEFAULT closed as necessary
 - Modified:
 - Open by DEFAULT closed  as STRICTLY necessary [Madall, 2020]

Open Architecture

- Policies - CARE and FAIR [legalities, Coverage]
- Physical Infra, network
- Open Standards
- Content
- Manpower

Policies

Open Mantra [Prasad and Madalli, 2007]:

- Open Source Software
- Open Standards
- Open Access to Information/Content
- Open Science/Open Research Commons

FAIR and CARE



Technology stack and Network

Open Source

- with embedded Open standards
- with Open License [explicitly mentioned]

Open standards

- Standards
 - Technology
 - Network
 - Metadata and semantics
 - Encoding

Content

- Governmental/ Institutional content
- Types of content/data: research, governance, citizen services
- Sensitive content/data
- Multilingual issues

Capacity

Capacity Enhancement

- Focus on curricula/formal education for OA
- Continuous education
- Micro Learning
- Engagement with stakeholders

Thank you!

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