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 [Madani, 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

Be Findable Accessible Interoperable Reusable

and

CARE Collective Benefit Authority to Control Responsibility Ethics
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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