Open Planets Foundation

Technology

Knowledge

Advocacy Alliances

#DL2014 Digital Preservation Sustainability on the EU Policy Level

Sustainability

planets

SCAPE

Memory Institutions

Open Planets Foundation

Research & Development ⟷ Service Providers

BRITISH LIBRARY · Österreichische Nationalbibliothek · KB Koninklijke Bibliotheek Nationale bibliotheek van Nederland · STATSBIBLIOTEKET · {BnF Bibliothèque nationale de France · THE ROYAL LIBRARY NATIONAL LIBRARY OF DENMARK AND COPENHAGEN UNIVERSITY LIBRARY · GOPORTIS · National Archives of the Netherlands Ministry of Education, Culture and Science · AIT AUSTRIAN INSTITUTE OF TECHNOLOGY · JISC · RAHVUSARHIIV THE NATIONAL ARCHIVES OF ESTONIA · STATENS ARKIVER RIGSARKIVET · Microsoft Research · UNI FREIBURG · UNC SCHOOL OF INFORMATION AND LIBRARY SCIENCE · PORTICO · PSNC

Research ⟶ Development ⟶ Sustainability
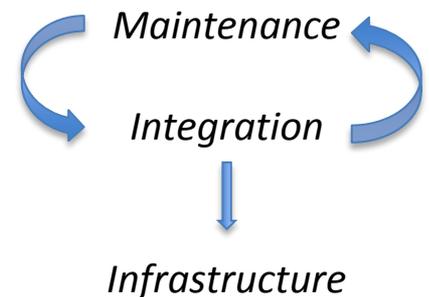
Research

- Software
  (proofs-of-concept/prototypes)

- White papers and publications
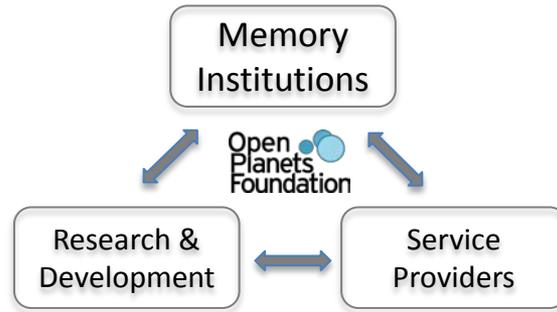- Use cases and requirements
- Case studies

Development

- Software
  (tools/workflows/systems/apis)

- Educational resources
- Best practices
- Business cases
- Policy analysis

Sustainability

Maintenance

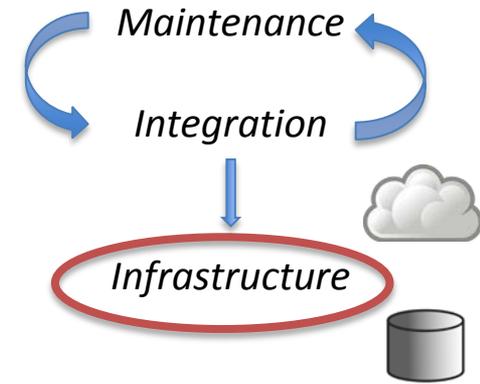*Integration*

Infrastructure

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Sustainability

| Research | | Development | | Sustainability |

Research

- Software
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Sustainability

- *Maintenance*
- *Integration*
- *Infrastructure*

Sustainability

- ## Quality
  - Ensuring that project outputs conform to standards-driven quality assurance

- ## Visibility
  - Providing integrated outreach to multiple audiences to maximise discoverability

- ## Training
  - Enabling skills development to further institutional adoption and capacity building

- ## Open licensing
  - Using open licenses to encourage the adoption and reuse of project outputs

- ## Community integration
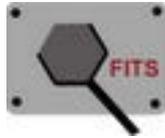 - Integrating project outputs into commercial and non-commercial products and services

OPF software stewardship
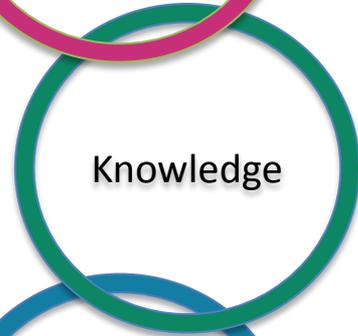
	OPF-Production	OPF-Labs	OPF-Attic
Community	Active bug reports/fixes Named maintainer Contribution guidelines	Active bug reports/fixes	[no expectation]
Documentation	Source code comments Technical documentation Installation manuals User documentation Microsite	Source code comments Technical documentation	Statement describing why the software has been retired (by original developer or software curator)
Code quality	Test coverage 50% > 80+% Continuous integration Publishing test results	Test coverage c.50% Continuous integration	[no expectation]
Deployment	Build from source Defined platforms Automated packaging (e.g. DEB/RPM/EXE)	Build from source	[no expectation]
Support	Online demonstrator Virtual machine image Training materials	[no expectation]	[no expectation]
Licensing	Defined open source licence	Defined open source licence	Defined open source license

Digital preservation landscape

	National	EU	International
Political	DPC (UK) NCDD (NL) NESTOR (DE) NDIPP (US) NSLA (AU/NZ) …	EC	UNESCO
Business		APA/DLM/RDA/…	
Technical	DPN (US) JISC (UK) …	OPF/IMPACT/…	
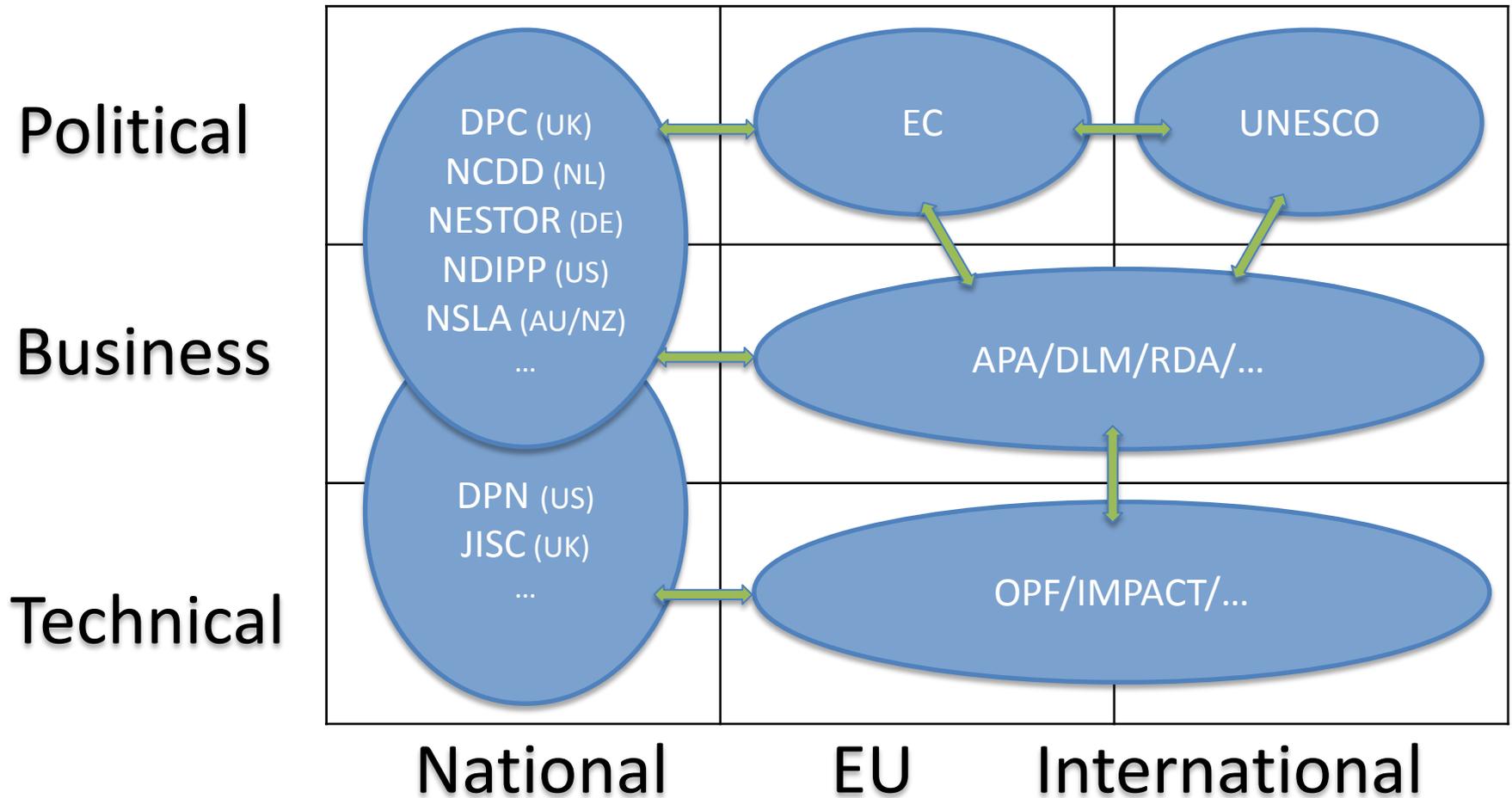
based on H. Balk – Pennington de Jong (2013)
Centres of Competence and Virtual Centres of Excellence

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Sustainability

...is working out <u>who</u> pays (and, <u>when</u>)

- Collaboration (share effort)
- Consistency (of experience)
- Consolidation (make efficient)
- Lower barriers (discovery, deployment)

→ TRUST

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