

Digital Preservation Community

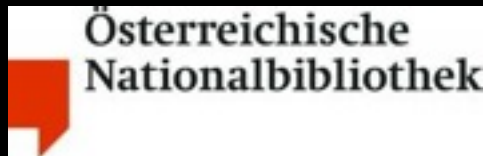
OPF/SCAPE Executive Seminar

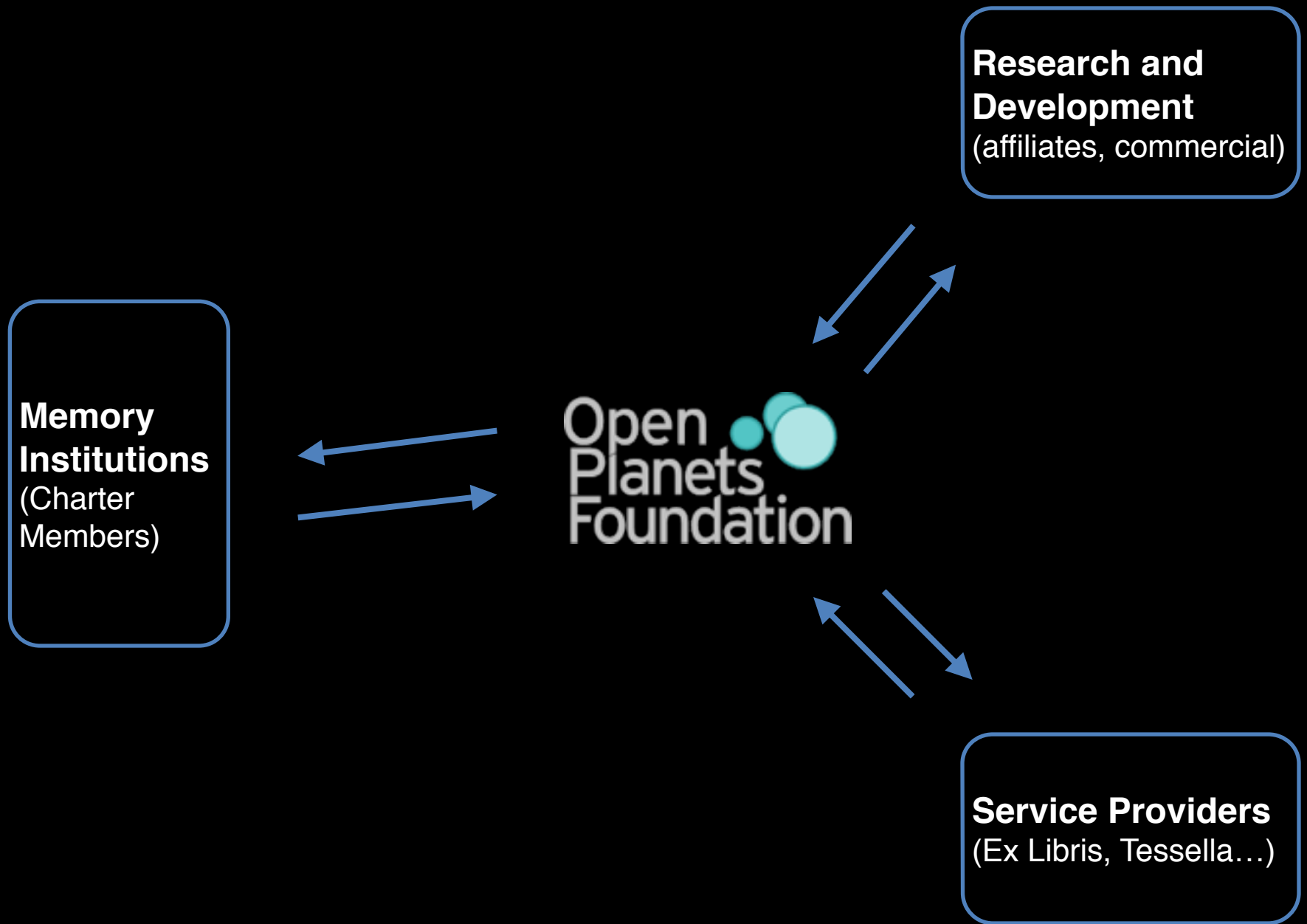
02 April 2014, The Hague

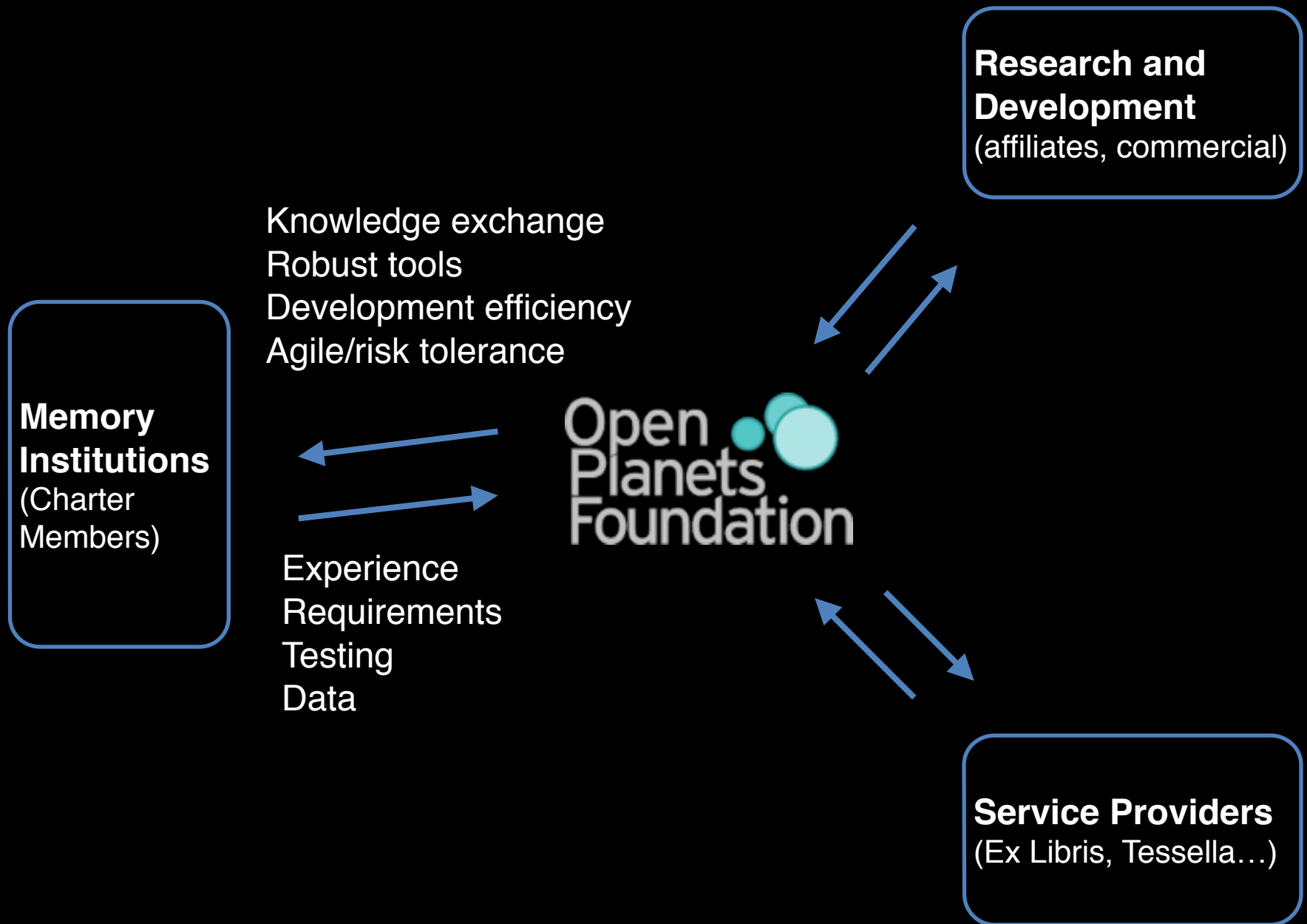
Ed Fay, Executive Director

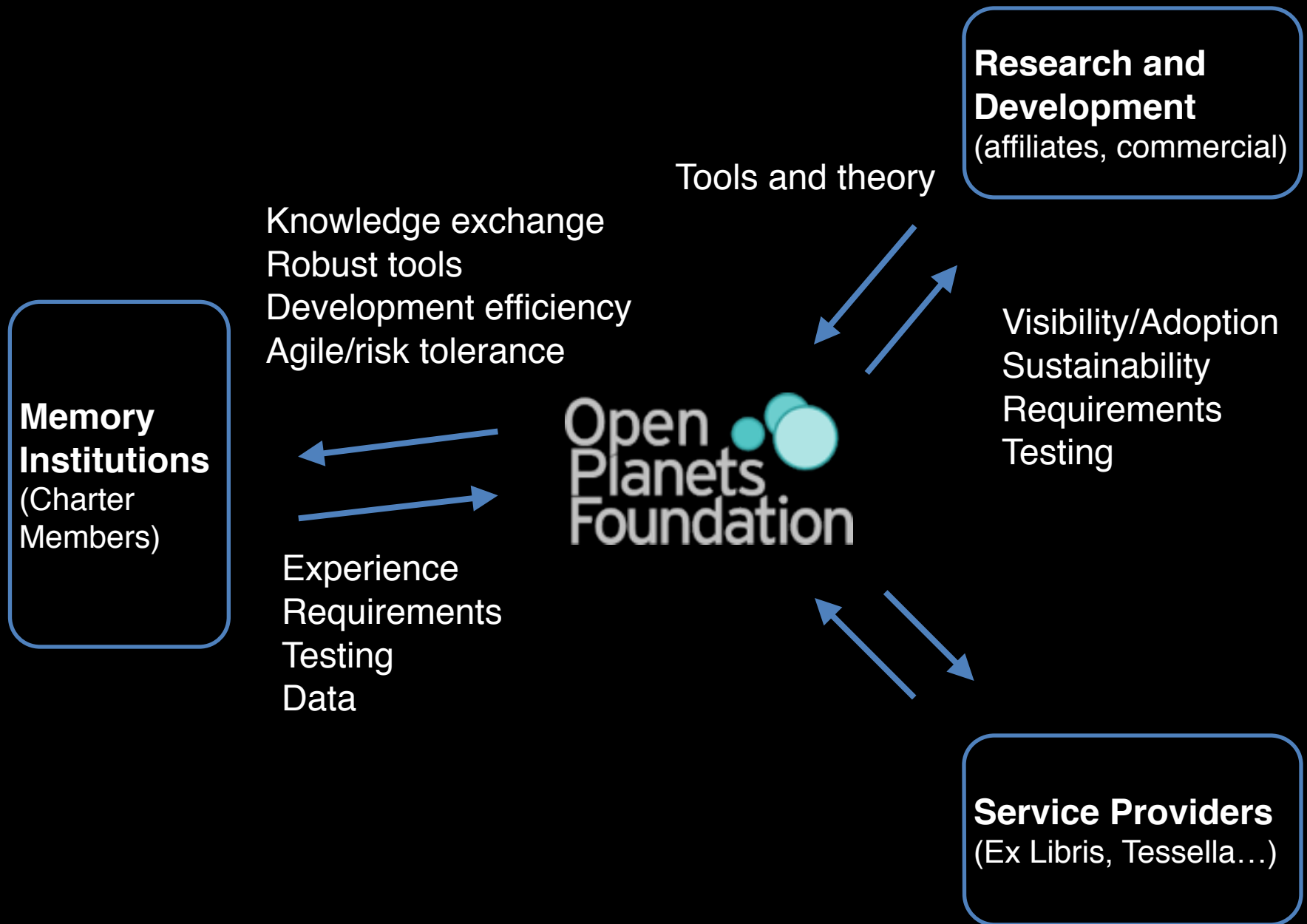
ed@openplanetsfoundation.org | [@digitalfay](https://twitter.com/digitalfay)

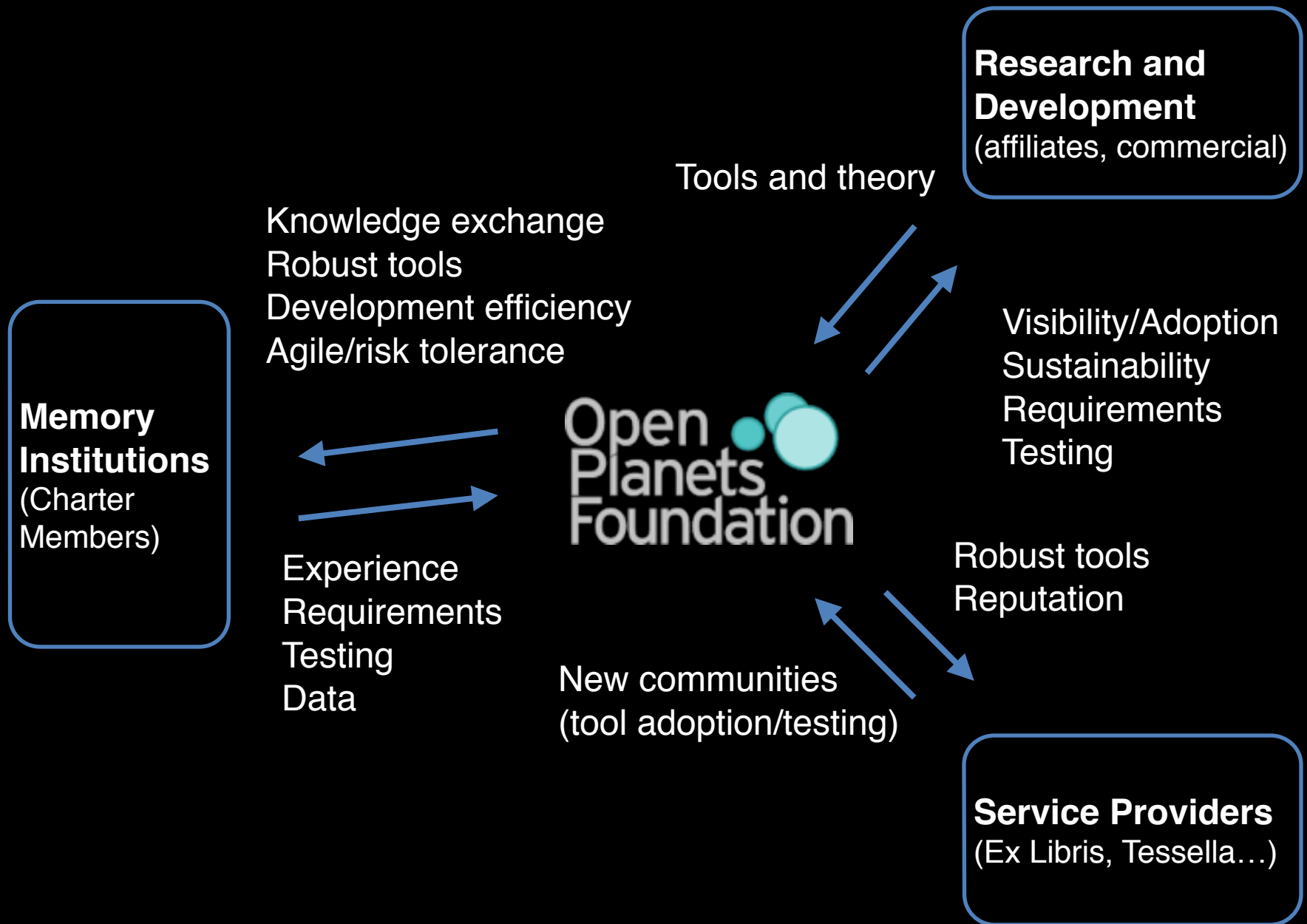


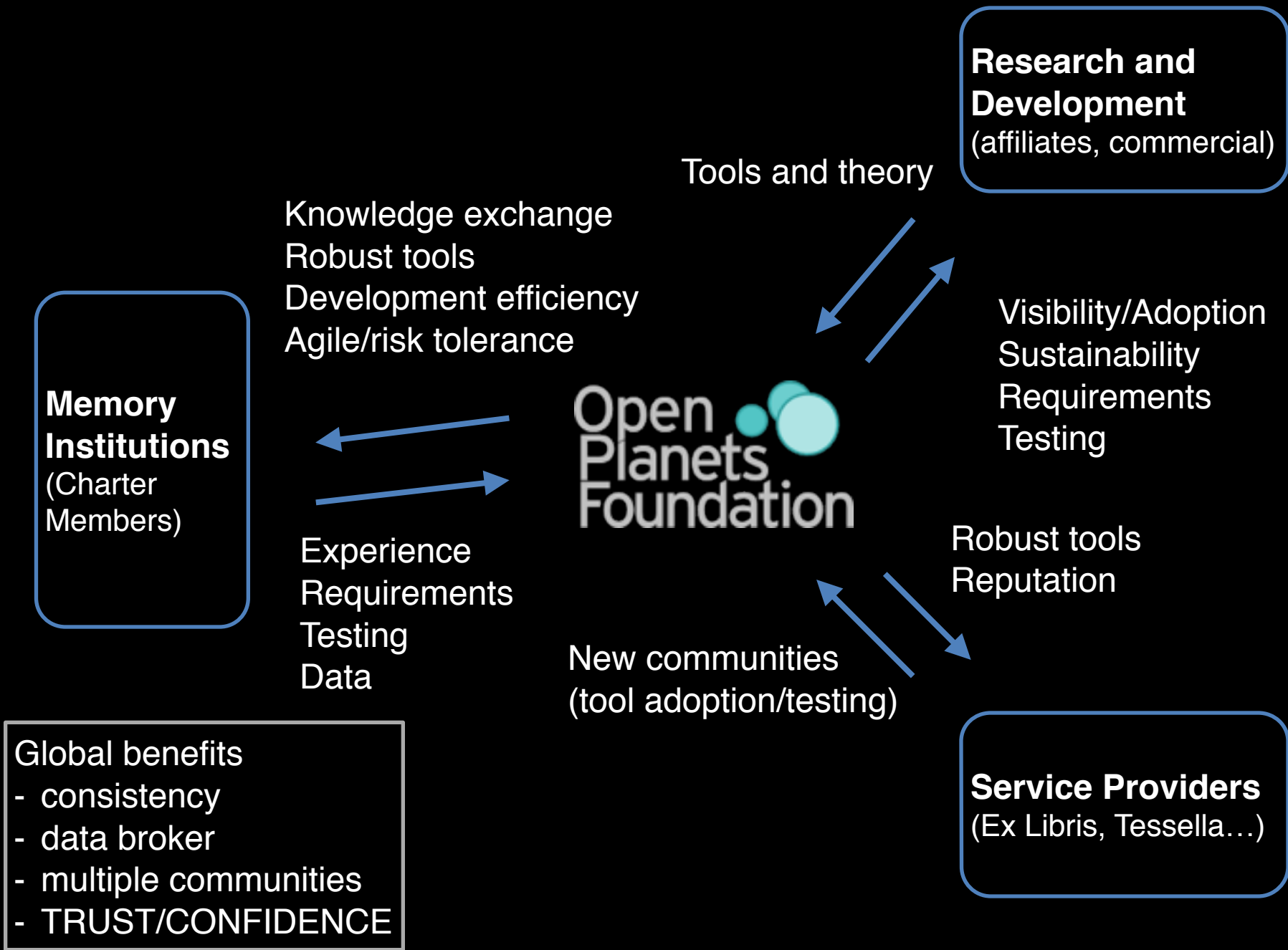


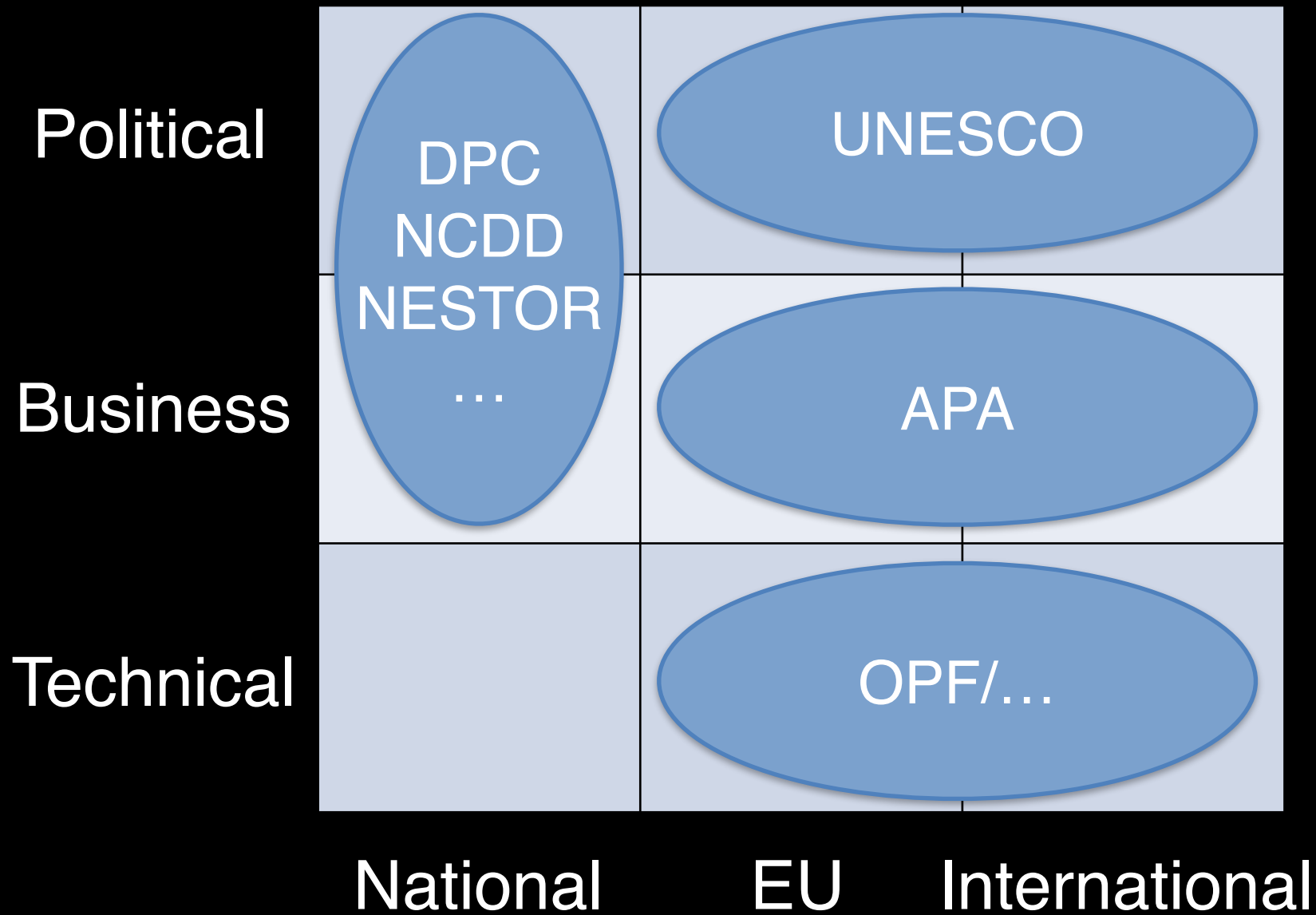






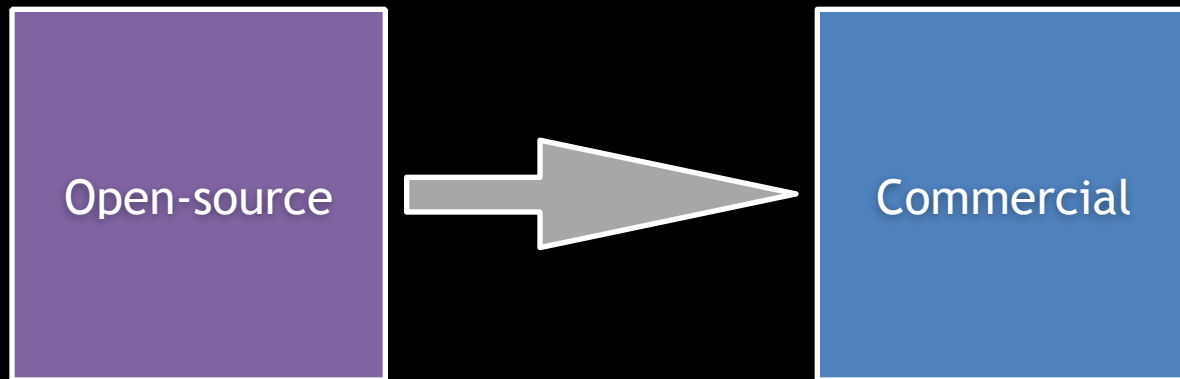


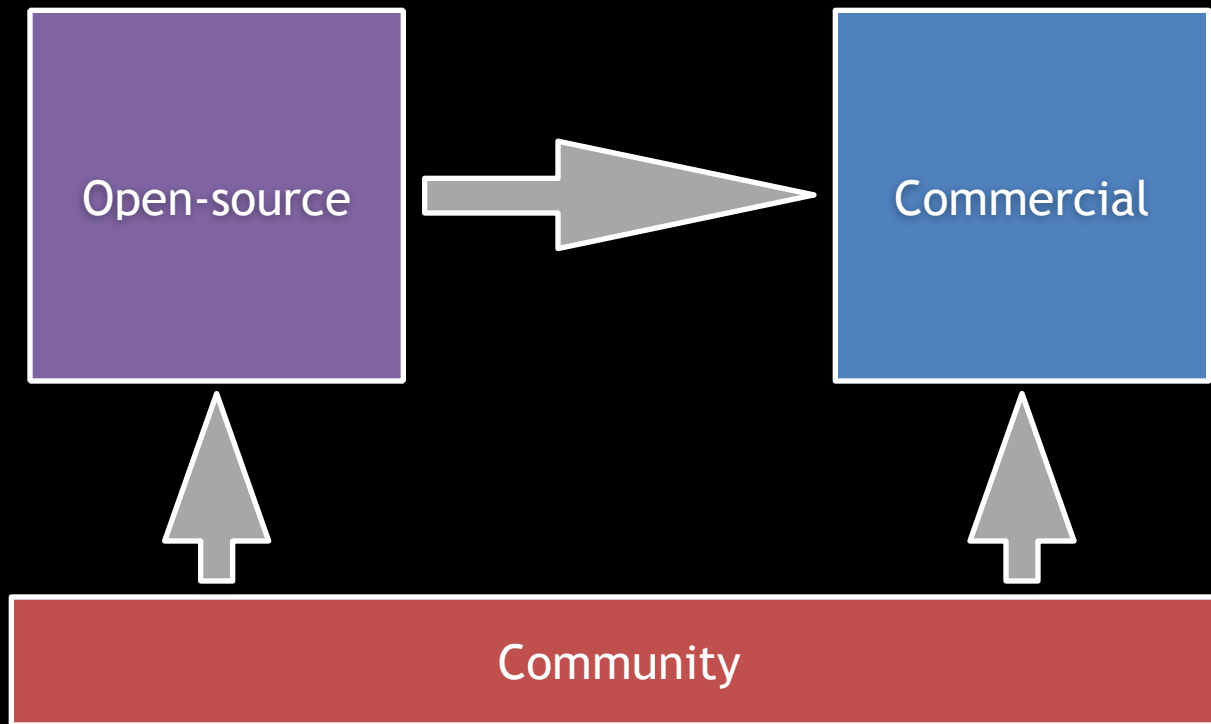


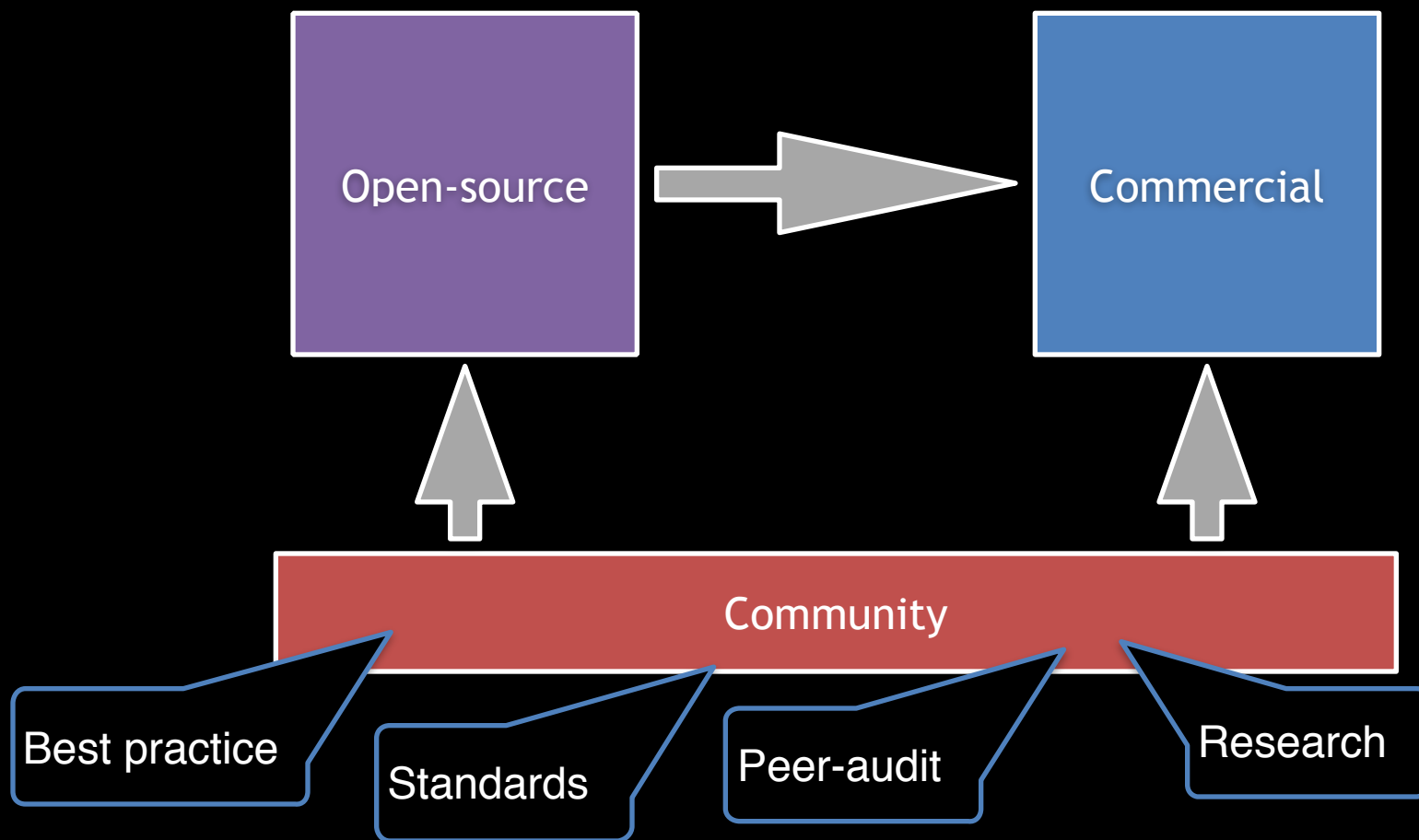


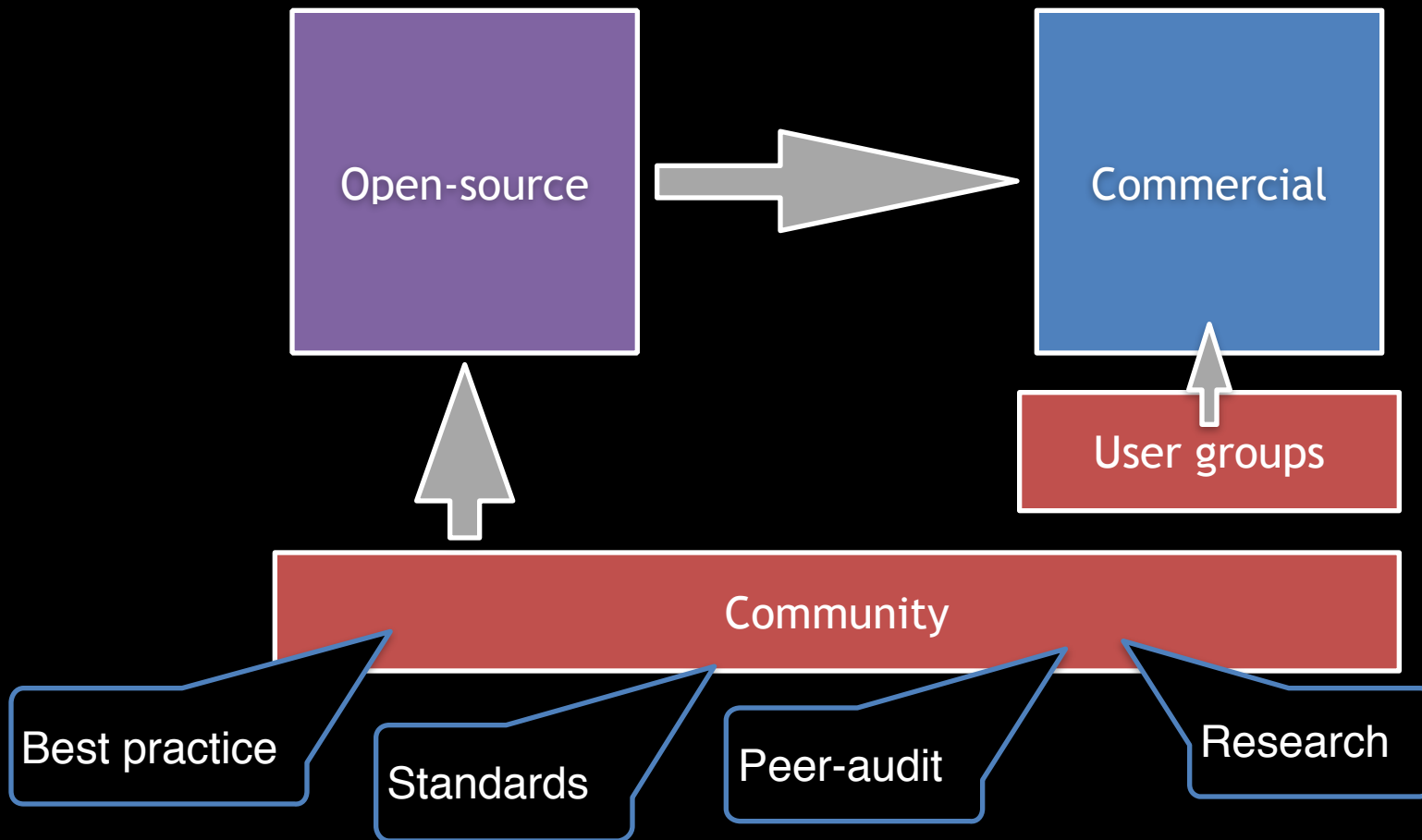
Open-source

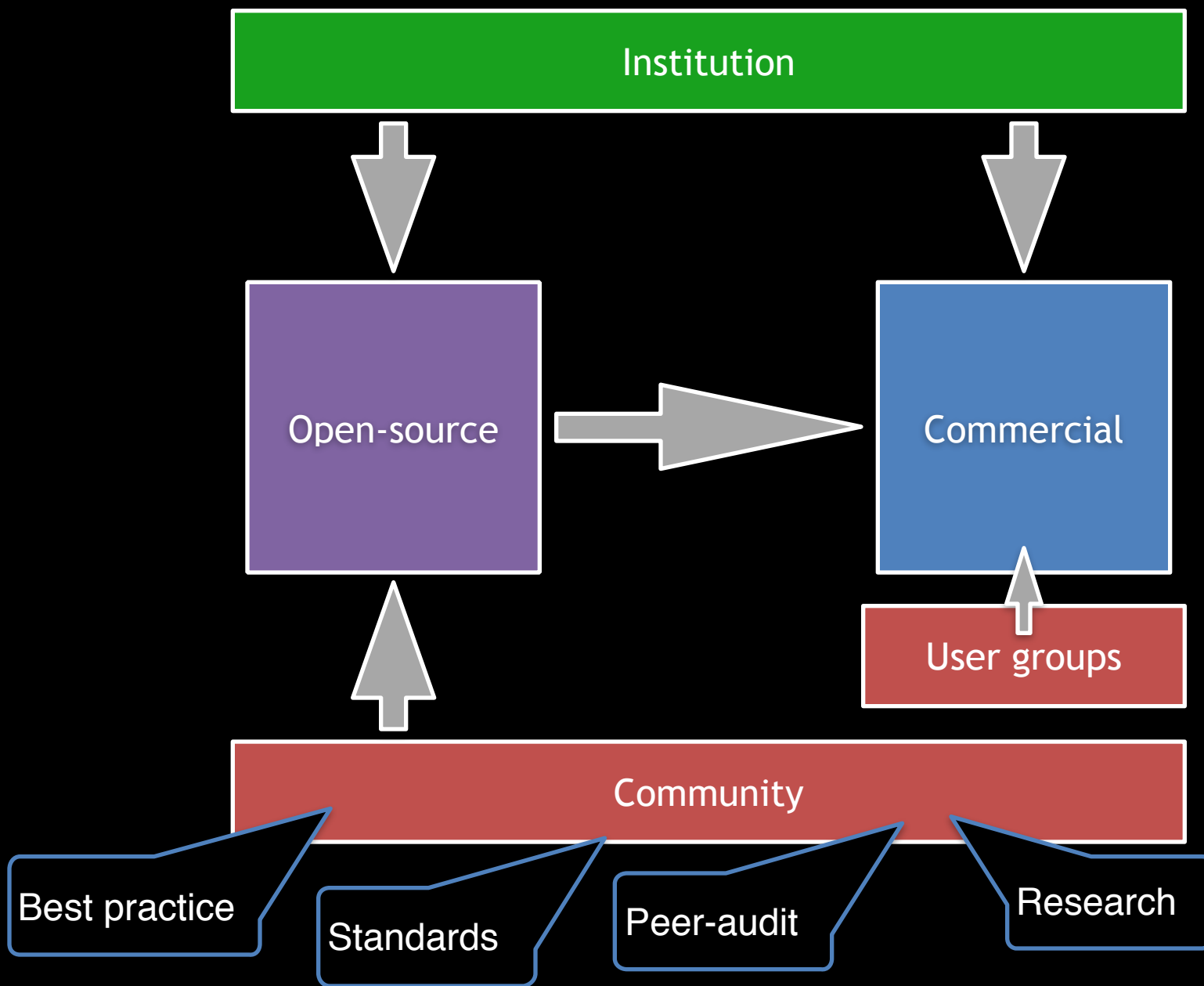
Commercial

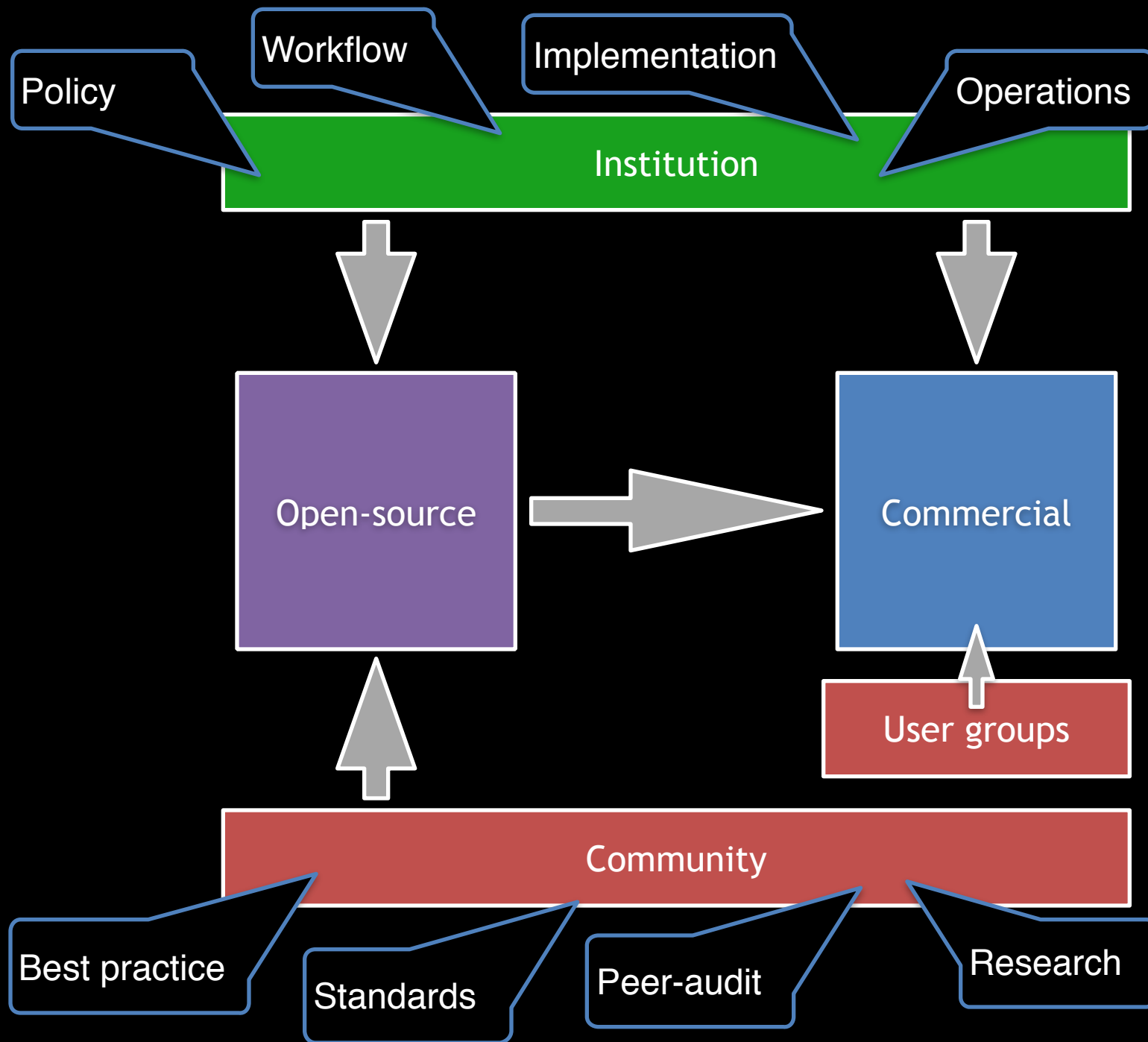


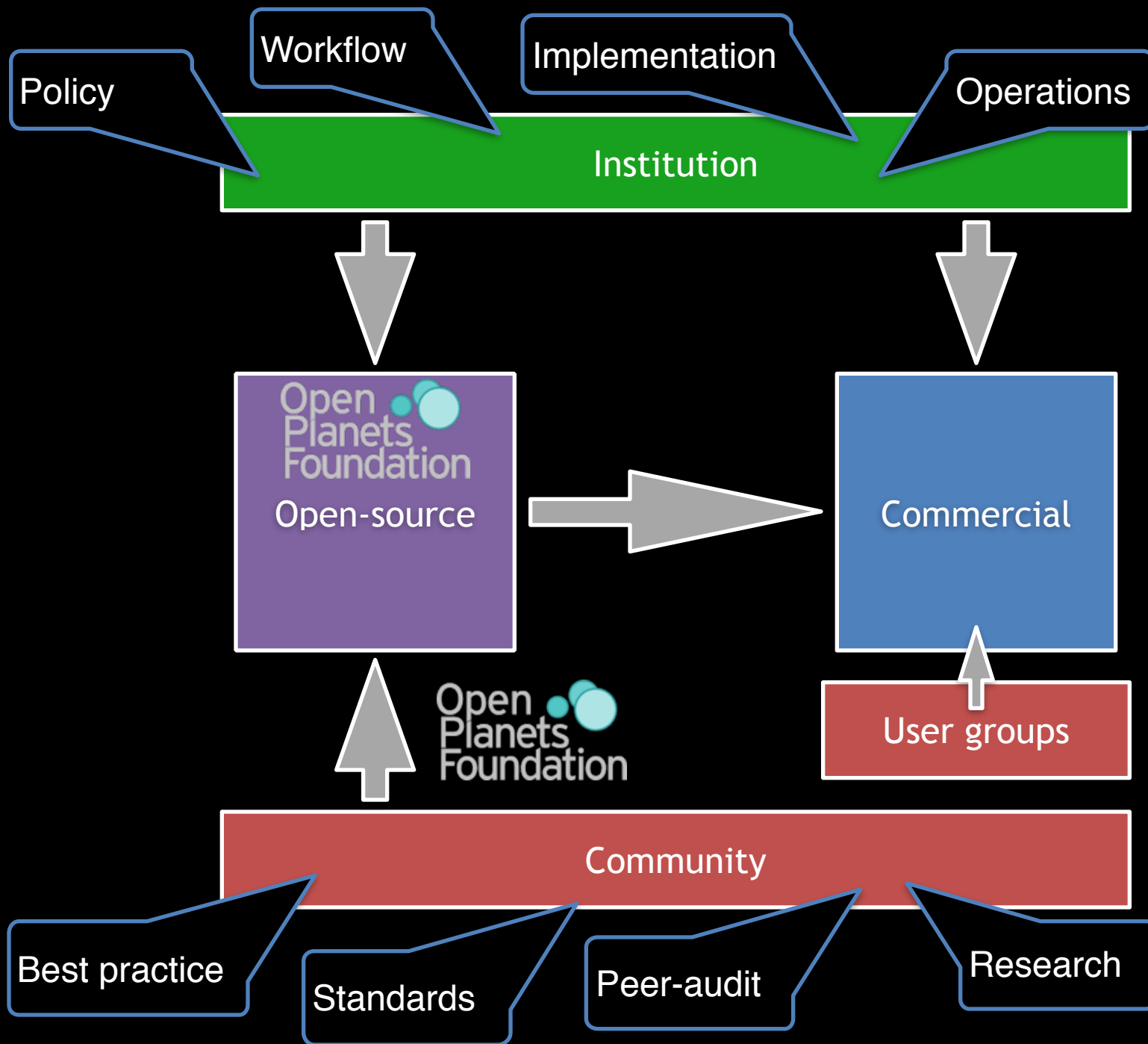


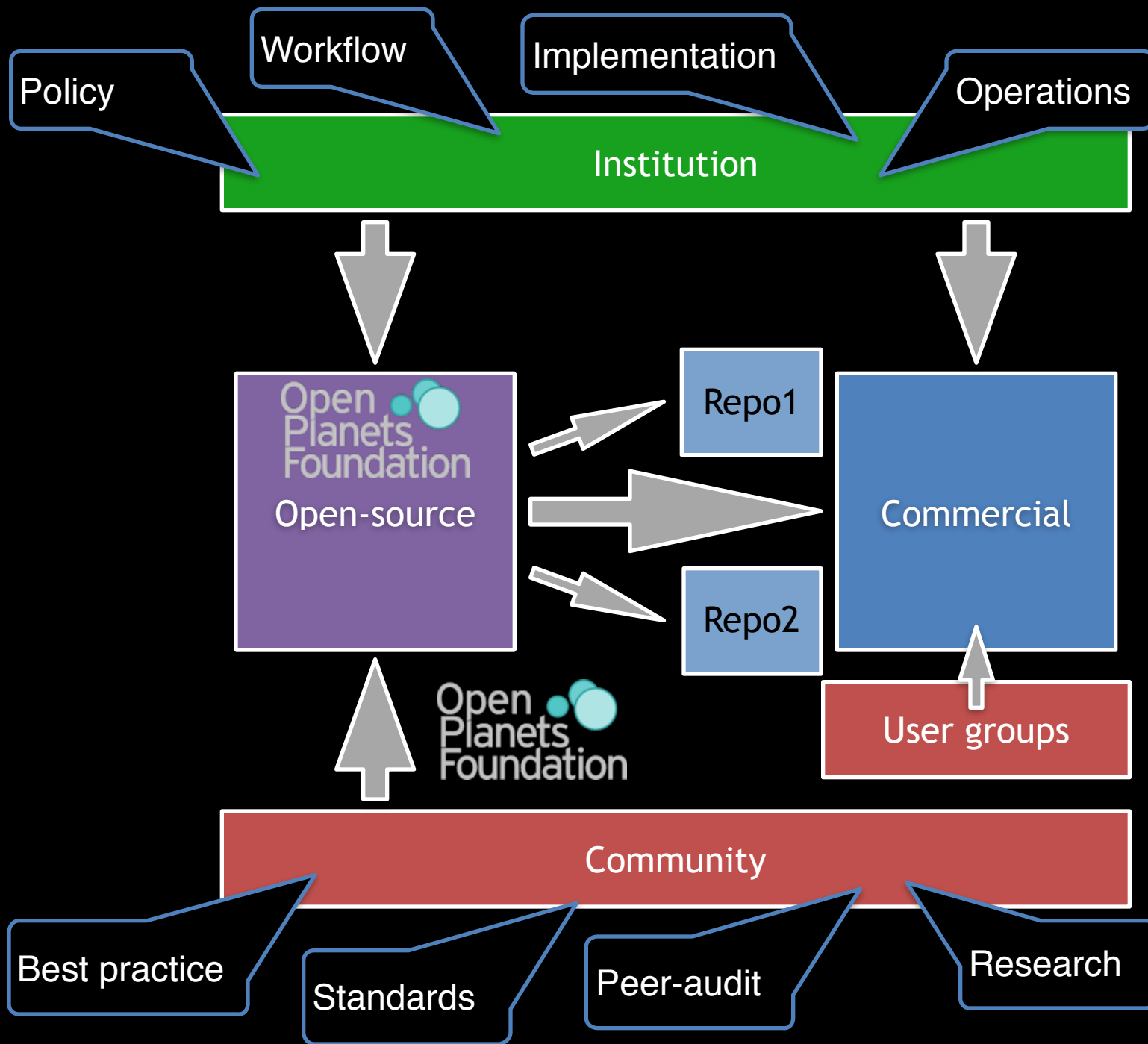












Mission/Values

Open

- knowledge sharing, open source licensed technology

Inclusive

- memory institutions (national library/archive)
- diversification? (museums, galleries, commercial)
- smaller organisations? (.ac/.edu, local/regional archives)

Trustworthy

- confidence building (tools/approaches/policy)
- member profiles (sharing expertise visibly)
- leadership role (technology and practice)

Strategic themes

Knowledge exchange

- Now: events, webinars, case studies (blogs/wiki)
- Future: tech reports, best practices (formalising knowledge)

Tool stewardship

- Now: infrastructure, testing (and reporting), corpora
- Future: “stewardship” - efficient development, confidence-building

Services

- Preservation watch? Registries? Peer review? Technical consultancy?

Advocacy/alliances

- Research and development - growing software portfolio
- Digital Preservation Coalition - joint events, tech watch
- EU - consultation responses, project matchmaking

Knowledge Exchange

- PDF/A (forthcoming...)
- JHOVE2
- Preserving your preservation tools
- SCAPE tools and services (several, some forthcoming...)
- Hadoop/scalability
- Securing funding for digital preservation
- Preservation planning
- File format identification and characterisation
- Digital library development and practice at LSE (that was me!)
- Application infrastructure for action services (workflow automation)
- Forensics tools and methods (disk images and BitCurator)
- Emulation-as-a-service (CD-ROM ingest and scientific process)
- Content profiling (C3PO)
- Software development and collaborative best practices
- Command-line digital preservation tools
- Preservation health check (using PREMIS)
- Understand the value of preservation data
- Practical tools and approaches to preservation systems
- Database archiving (SIARD, MIXED, RODA)

Knowledge Exchange

Knowledge Exchange

Welcome to the OPF Knowledge Base Wiki

The OPF wiki is here to gather knowledge relating to key issues in digital preservation and organise these to allow practitioners, developers and information specialists to better preserve digital heritage. This wiki welcomes contributions from every member of the community and provides a hosting space for many global projects. From practitioners, we welcome your use case scenarios and problems and hope to link these with solution providers. For developers, we not only hope to join you to practitioners in the community through online and face-to-face events, but also welcome your valuable solutions with advice on software development, project hosting and distribution. Gathering together communities and key knowledge allows information managers to make effective decisions for preserving our digital heritage.



Contribute your requirements and solutions

Share your challenges and solutions with the community, and view the resulting record of digital preservation practice



Collaborate

Get involved with these collaborative digital preservation initiatives, including Q&A on Stack, the Atlas of Digital Damages and the OPF Format Corpus



Find preservation tools

Find tools for solving your digital preservation challenges in the OPF Tool Registry



Understand File Format Risks

File format risks you should be concerned about, and how to identify them in your content



Develop Software with the OPF

All you need to know about developing software with the OPF, with guidance on making your software effective, sustainable, maintainable and reusable



OPF Projects

Projects hosted by OPF, including: AQUA, SCAPE, SPRUCE and Preservation Health Check



OPF Events and Webinars

The latest OPF events and hackathons



Join the conversation

Blog, comment and exchange ideas on the main Open Planets Foundation website

 [Sign up for the OPF wiki](#)

[Datasets, Issues and Solutions](#)

[OPF Format Corpus](#)

[Atlas of Digital Damages](#)

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 [Sign up for the OPF wiki](#)

[Login](#) [Create account](#)

 Connecting digital preservation expertise

[Home](#) - [Community](#)

Blogs

Developing an Audio QA workflow using Hadoop: Part II

First things first. The Github repository with the Audio QA workflows is here: <https://github.com/statsbibloteket/scape-audio-qa>. And version 1 is working. Version 1 is really all wrong here. I should call it Workflow 1, which is this one:

Submitted by [Bolette Ammitzbøl](#) on 3 February 2014 - 11:35am

[Read more](#) [Bolette Ammitzbøl's blog](#) [Log in or register to post comments](#)

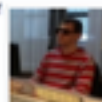


Why can't we have digital preservation tools that just work?

One of my first blogs here covered an evaluation of a number of format identification tools. One of the more surprising results of that work was that out of the five tools that were tested, no less than four of them (FITS, DROID, Fido and JHOVE2) failed to even run when executed with their associated launcher script. In many cases the Windows launcher scripts (batch files) only worked when executed from the installation folder. Apart from making things unnecessarily difficult for the user, this also completely flies in the face of all existing conventions on command-line interface design. Around the time of this work (summer 2011) I had been in contact with the developers of all the evaluated tools, and until last week I thought those issues were a thing of the past. Well, was I wrong!

Submitted by [Johan van der Knijff](#) on 31 January 2014 - 12:58pm

[Read more](#) [Johan van der Knijff's blog](#) [4 comments](#) [Log in or register to post comments](#)



SCAPE survey on preservation monitoring. Participate now!

Anyone willing to preserve digital content must be aware of events that might constitute a relevant risk. In SCAPE we are developing tools that will allow you to detect risks before they cause any irreversible damage.

Help us understand the preservation events, threats and opportunities, you find more relevant and the ways you would like us to detect them.

Participate in our survey and help us develop tools that would help you to automatically detect problems in your own content, and events that might put it at risk.



Recent comments

- **Survey closed**
Thank you all for your participation! The survey was a success with more than 350 participations....
[Luis Faria](#) 1 week 4 days ago
- **Accessing the API through Python**
On a related note: the other week I wanted to get a more detailed look at Tika's mimetype detection...
[Johan van der Knijff](#) 1 week 6 days ago
- **Last call and thanks**
Last call for the survey participation! Survey will close at the end of the week, February 28th, so...
[Luis Faria](#) 4 weeks 18 hours ago
- **Like FITS, amongst others...**
It's worth noting that 'Java first' is also the approach FITS takes, and in general FITS seems to...
[Andy Jackson](#) 4 weeks 21 hours ago
- **One Java program using Java libs**
[Hi Ross](#), Very interesting post. An alternative method for speeding up execution would be to...
[William Palmer](#) 4 weeks 23 hours ago
- **Where to be most concerned about security?**
[Hi Carl](#), Thanks for the comment and the compliment on the post. Asking from a rather naive point of...
[Ross Spencer](#) 4 weeks 1 day ago
- **Nailgun security**
So some interesting stuff here, I've looked at Nailgun a few times. Was unaware of the memory...
[Carl Wilson](#) 4 weeks 1 day ago
- **to follow your idea Andres...**
I think this goes back to the problem of governance. All the mentioned tools have different owner,...
[Jan Hutar](#) 1 month 1 week ago

[more](#)



Knowledge Exchange

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Connecting digital preservation expertise

[Home](#) / [Community](#)

Blogs

Developing a

First things first. The Git <https://github.com/ista> wrong here. I should call Submitted by [Bolette An](#)

[Read more](#) [Bolette An](#)

Why can't we

One of my first blogs had the more surprising result than four of them (PITS, associated launcher script when executed from the the user, this also comp interface design. Around evaluated tools, and un Submitted by [Johan van](#) [Read more](#) [Johan van](#)

SCAPE survey

Anyone willing to preserve risk. In SCAPE we are doing irreversible damage. Help us understand the ways you would like Participate in our survey and help us develop tools that would help you to automatically detect problems in your own content, and events that might put it at risk.

Recent comments

- Survey closed
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Community Owned digital Preservation Tool Registry (COPTR)

COPTR describes tools useful for preserving digital information for the long term. COPTR is also an initiative to collate the knowledge of the digital preservation community on preservation tools in one place. Instead of organisations competing against each other with their own registries, COPTR is bringing them together. In doing so it's objective is to provide the best resource for practitioners on digital preservation tools.

Browse the COPTR Registry

- [View all tools](#)
- [View tools by functional category](#)
- [View tools by the type of content they act upon](#)

How to create a new Tool Entry

- Check out these [Guidelines for contributing to COPTR](#).
- Search for the tool you want. Check the full name and the acronym!
- If you find it, consider adding more detail to the existing entry. If you don't find it, follow the link to create a new entry, which will automatically create a outline entry for your tool based on the [Tool Page Template](#).

COPTR Partners



The Digital Curation Centre (DCC) [↗](#)



The Digital Curation Exchange (DCE) [↗](#)



National Digital Stewardship Alliance (NDSA) [↗](#)



The Open Planets Foundation (OPF) [↗](#)



Preserving digital Objects With Restricted Resources project (POWRR) [↗](#)

Tool stewardship

EU research

- SCAPE, PLANETS
- tools, prototypes, best practice



Affiliate/Commercial members

- r&d institutions
- e.g. emulation, forensics



Charter members

- framework for collaborative development/testing
 - > **efficiency, consistency**
- future: shared priorities/roadmaps? e.g. characterisation

LSE Digital Library



NATIONAL
RESEARCH
LIBRARIES



LSE Digital Library

Senior Management
• Deputy Director

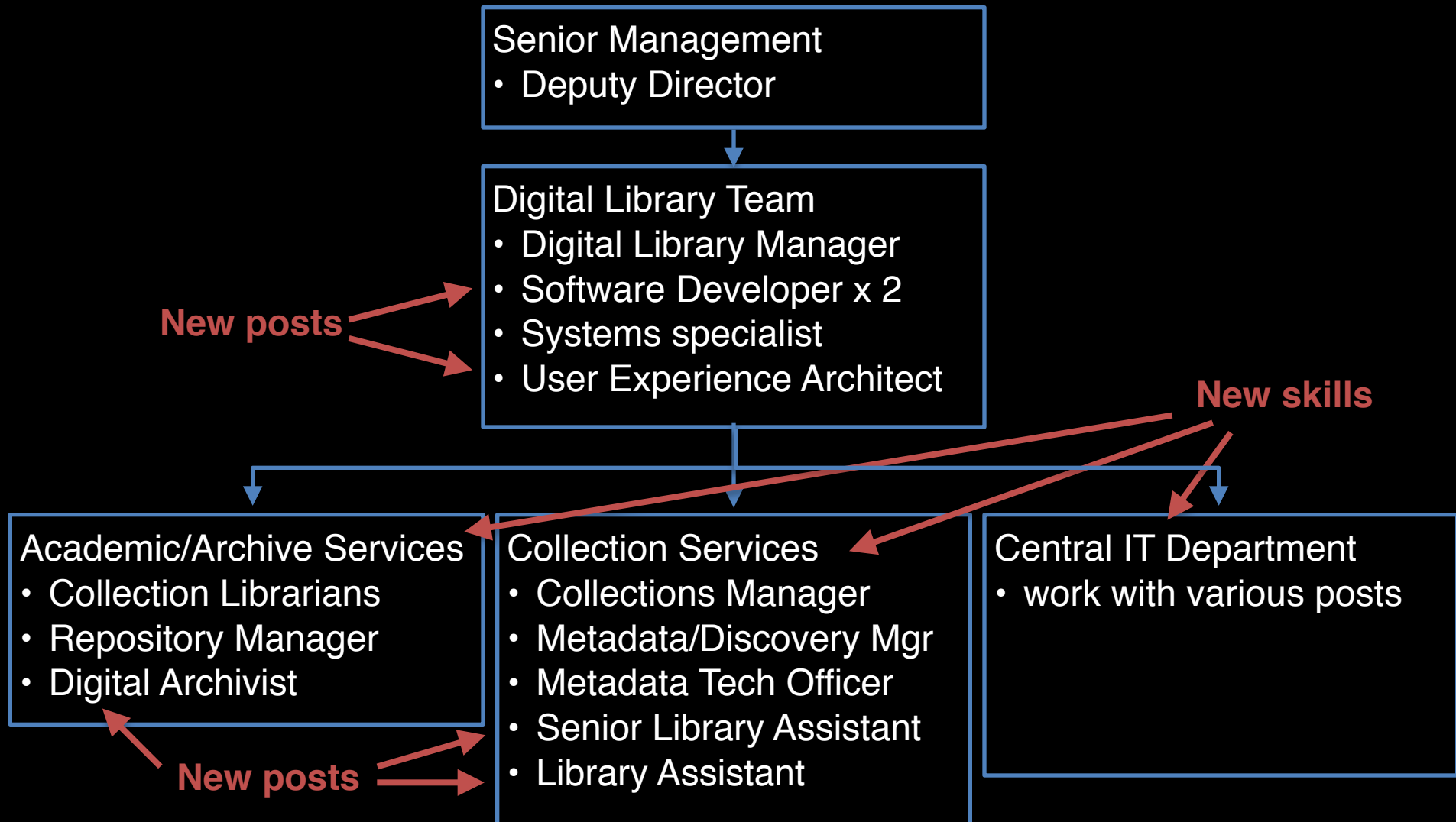
Digital Library Team
• Digital Library Manager
• Software Developer x 2
• Systems specialist
• User Experience Architect

Academic/Archive Services
• Collection Librarians
• Repository Manager
• Digital Archivist

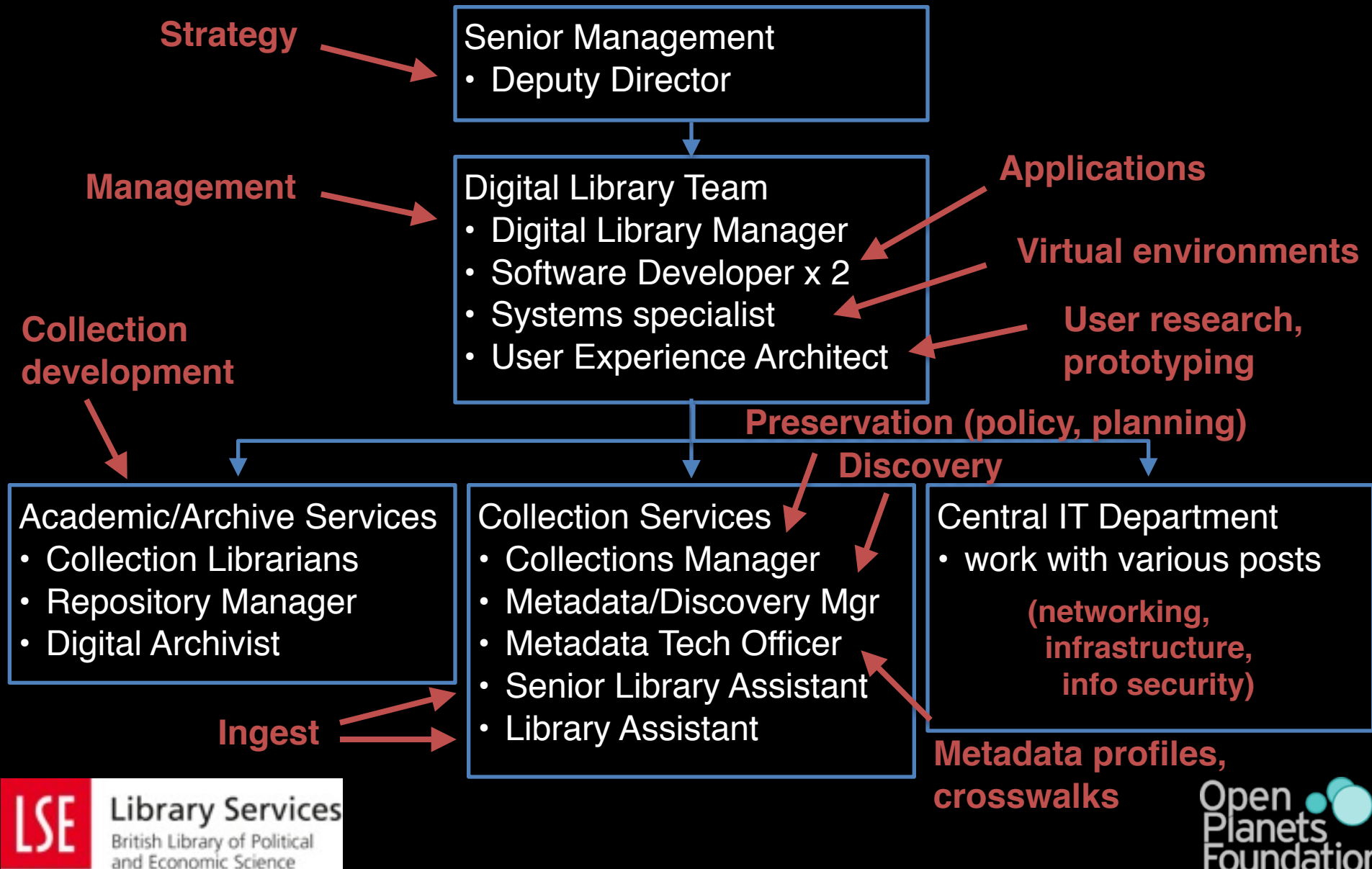
Collection Services
• Collections Manager
• Metadata/Discovery Mgr
• Metadata Tech Officer
• Senior Library Assistant
• Library Assistant

Central IT Department
• work with various posts

LSE Digital Library



LSE Digital Library



Workforce development

Digital preservation

- DPTP (high-level, institutional perspective)
- OPF/DPC events (current and emerging practice)
- Repository collaborations (Hydra project)

User Experience

- agency contracts (3 x projects, full lifecycle)
- new, permanent post (hired via agency)
- shifting internal/external balance (user research, information architecture, prototype/test shifted in-house; visual design and front-end dev remained external)

Business Case Toolkit

- Step-by-step

prepare yourself!, audit readiness, assess where you are and what you need, think about your audience, work out your objectives, benefits + alignment, sort your documentation, validate and refine, deliver with impact (politics...), *share!*

- Template

executive summary, strategic vision (where is this going? how long will it take?), background, context, and status (environment, state of the collection(s), institutional readiness, stakeholders, preservation risks), business activity (what are you proposing? what are the options?), value for money/ROI (benefits, costs, implementation risks)

- FAQ

when is the right time? why are we doing this? what resources are we focusing on? who is affected? how do I make the case?

- Case studies

Bishopsgate Institute, Institute of Education, Northumberland Estates, Lovebytes, University of St. Andrews





Ed Fay, Executive Director
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