Perspectives

- EU Work Programme 16/17 (as it seems!)
  - Every project should/could have a chapter on RDA participation
  - Collaborations are intended
  - RDA will be supported by CNECT and RTD

- RDA EU 3 is discussing a change in its setup to reserve funds for collaborations from September 2015.
- Senior/Junior team in RDA ready to give support from September.

Contact Project Management Office (Herman or me)

- D Funding – not yet clear
Data Science is Changing

- Accepting/converging on trends
  - Increasing volumes & complexity
  - Increasing anonymous relationship
  - Increasing sharing & re-use
  - Increasingly federated landscape
  - Reduce Data Management variety (Data Stewardship?)
  - PIDs as anchors to identify digital objects (data, software, knowledge)
  - Split between physical and logical systems

- Need to change data practices broadly
- Need to give guidance across borders
- Drivers: scientific projects requiring infrastructures
- Is there a glue for all like for TCP/IP? – RDA a Chance

Senior people:
It is time to change, our data work is too inefficient.
But need guidance and clarity for investments.
Need to accelerate solution finding.
Funders want changes

- let’s use the G8 formulations – data should be
  - searchable -> create useful metadata
  - accessible -> deposit in trusted repository and
  - interpretable -> create metadata, register schema and semantics
  - re-usable -> provide contextual metadata
  - persistent -> provide persistent repositories

Funders:
There is a need and will to change globally and cross-disciplinary.
RDA is a chance – not more.

What are the consequences of these principles?
- How to design the necessary infrastructure?
Plan: Joint projects

- Community interest in RDA result uptake or related activities
- e-Infrastructures interested in offering funds, services and knowledge
- RDA EU will offer limited funds, support/knowledge, training etc.

EUDAT showed interest and has a call. PRACE, OpenAIRE, EGI, Helix Nebula etc. need to be contacted.
RDA Collaboration Ideas

- **Scope of collaborations (effort: 3 – 6 PM from RDA)**
  - Co-organizing domain workshops or training courses
  - Adoption of a specific RDA output and infrastructure integration
  - Adoption of a specific software stack to be RDA compliant
  - Writing RDA Guidelines tuned to domain specifics
  - Make something from community generic (widely accepted)
  - Etc.

- **Conditions**
  - Visible co-funding (in-kind, person)
  - Added value towards sharing and re-use – thus RDA goals
  - Joint supervision
  - Participation in RDA events to disseminate knowledge
  - Preference for early-career involvement
RDA Collaboration Ideas

- **Process**
  - Open Call (synchronised with e-Infra calls)
  - Advice on proposals from advisory board
  - Board of Directors to finally decide
  - RDA Plenaries & Data Summits as platform for presentation and evaluation

- **Timing**
  - Call: September 10\(^{th}\)
  - Deadline Submission: September 30\(^{th}\)
  - Evaluation: October 30\(^{th}\)
  - Start from November 15\(^{th}\)
Abstract Data Cycle in the Labs

Data fabric domain

Data fabric domain

new data from old

management, preserving, analyzing, annotating, etc.

complex, nonlinear process

widely distributed landscape

Representation of our scientific data creation & consumption machine
it is not an architecture diagram
Example: Repository Registry (Spec&test)

Safe Deposit

Registry (Humans, Machines)

Domain of Trusted Repositories

trusted Re-use
valid References
reproducible Science
machine usage

Scientists

Funders

Publishers
Thanks for your attention.

http://www.rd-alliance.org
http://europe.rd-alliance.org