



# **Final Workshop in 2nd Funding Period Scientific Needs**

December 2018 – April 2020

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# Agenda

	Session 1: Welcome and Introduction	
9.00	Peter Wittenburg	RDA GEDE – Looking Back and Motivation
9.20	Hillary Hanahoe	Welcome from RDA and launch of RDA EU legal entity
9.30	Session 2: Scientific Developments in Coming Decade - Barend Mons (Chair)	
9.35	Matthias Scheffler	Perspectives in Material Science
9.55	Andre Dekker	Perspectives in Health Science
10.15	Arturo H. Ariño	Perspectives in Biodiversity Science
10.35	Andreas Rauber	Technological Perspectives
10.55		Discussion
12.30	Lunch Break	
13.15	Session 3: EOSC Perspectives – Dimitris Koureas (Chair)	
13.20	Karel Luyben	EOSC Expectations Regarding Data from Science
13.50		Discussion
14.30	Session 4: Place of RDA and GEDE in Developing Landscape – Jean Claude Burgelmann (Chair)	
14.35	Edit Herczog	RDA Europe Directions
14.55	Carlo Zwölf	RDA GEDE Directions
15.20		Discussion
16.00	End	

# GEDE startup

- April/May 2016 email to all ESFRIs, ERICs etc. about an exchange platform where challenges are going to be discussed shared by a few research communities
- From 60 Emails we sent, 45 immediately declared interest in such a bottom-up interaction (finally 47 members)
- agreed on a Charter and Procedures
  - charter defines scope of GEDE activities

*The aim of the **Group of European Data Experts in RDA (GEDE-RDA)** is to promote, foster and drive the discussions and consensus forming on creating guidelines, core components and concrete data fabric configuration building based on a bottom-up process.*
- participation is voluntary and only little funding support involved
  - received funds from RDA EU 3 and RDA EU 4 projects (ending April)
  - some administrative support
- accepted as an RDA group

# Rational

- projects worked mostly in „silos“ with many solutions for similar challenges – looking across silos was seen as important
  - interoperability, costs, hampering investments
- a) many people could not go to RDA meetings and b) not all issues to be discussed were appropriate for RDA
- „how to create a momentum“ towards convergence on specific topics?
- RDA EU3 decided to do more interactions with researcher communities
- situation changed in the mean-time
  - EOSC discussions (and EOSC absorbed a lot of time)
  - cluster projects fostering cross-silo thinking within domains
  - now many EOSC funded projects with the task to reach out to researchers

# Activities

- Topics addressed
  - PID Usage – Document
  - Citation Issues – Document
  - Blockchain Technology in Science - Document
  - Trustworthy Repositories – Document
  - DO/FDO work
- Digital Objects & FAIR Digital Objects
  - steering DO/FDO work together with C2CAMP and RDA Data Fabric
  - global participation (EU, CN, US, CA, SA, AU)
  - more than 150 experts from more than 50 interested initiatives
  - much specification, documentation & dissemination work
  - overview about scientific use cases (> 30 cases)
  - EUDOn cost application
  - industry interactions and meetings incl. lotWeek and BD&AI-Summit

# Activities

- 4 Surveys (EOSC, FAIR, DO/FDO, Technology Matrix)
- ~ 17 Workshops/Webinars (mainly DO/FDO)
- ~ 14 Papers (topics, DO/FDO, Technology Matrix, etc.)
- facilitating 2 EOSC Co-Creation proposals
- interaction with industry consortia incl. 4 meetings
- currently 2p Short Notes (10 in writing, no one wants to read lengthy documents)

Everything of relevance documented under

<https://github.com/GEDE-RDA-Europe/GEDE>

# GEDE Organisation

- started with 3 co-chairs (Maggie Hellström, Carlo Zwölf, Peter Wittenburg) with Zsuzsanna as admin./organ. assistant
  - due to overload Maggie had to stop
- members meeting (delegates of the 47 initiatives)
- selection of topics of interest and then formation of topic groups with interested experts
- GEDE-DO Topic co-chaired by Koenraad de Smedt and Dimitris Koureas
- administration carried out by Vision & Values Inc.
- used basically virtual meetings

# GEDE Future

- working without substantial funding support over long periods has its limitations
- working without ambitions to get substantial funding even more problematic
- time to rethink the GEDE concept
  - having EOSC blossoming – quo vadis EOSC
  - having clusters in place
  - after 4 years still needed?
- see Carlo's suggestions at the end of today





Thanks for the attention.

# GEDE Members

ACTRIS

AGRO

AnaEE

Asterics

BBMRI

CESSDA

CLARIN

DARIAH

EATRIS

ECRIN

EISCAT

ELI

ELIXIR

eLTER

EMBRC

EMFL

EMPHASIS

ENES

ENVRI Plus

E-RIHS

ESRF

ESS

ESS - Social

EST

EUCALL

EU-

OPENSREEN

EURO-ARGO

EURO-

BIOIMAGING

FAIR

HBP

IAGOS

ICOS

INSTRUCT

KM3NeT

LIBER

LifeWatch

METROFOOD

MIRRI

MYRRHA

NIDI

PARTHENOS

RDA

SCK•CEN

SERISS

SIOS

SKA

VAMDCground

# GEDE Future – after 4/5 years

- place of an initiative based on voluntary participation not fighting for big funds but just some admin/org support ??
  - not always easy to get access to time of busy people
- place of such a platform in a time where we are slowly moving ahead towards FAIR and more open data sharing using different approaches ??
  - with biggest challenges culture and education
- place of a platform that is not acting according to the normal project phases ?? (coming and going)
- place of a platform where EOSC is defining its way of operation incl. Working Groups ?? (how will EOSC work, seen as competitor)
- are we patient enough ?

# GEDE Future – after 4/5 years

- certainly emphasis on technological issues – common themes of relevance (PIDs, Citation, Blockchain, Repositories, DO/FDO)
- should make a statement about work done and impact (did the situation change?)
- Andre: need a trust infrastructure (multi-faceted, different aspects of relevance in different disciplines) – huge gap indeed !!!
- Barend et.al.: x most important messages to convince broadly
- Per et.al.: curricula missing (should GEDE be involved, network of experts, network of data stewards ?)
- Barend: silverback stories
- Current undertaking: 2p Short Notes
- Common themes: knowledge management + combination
- ?