



Time to Wrap-up

EUDAT 2nd Conference

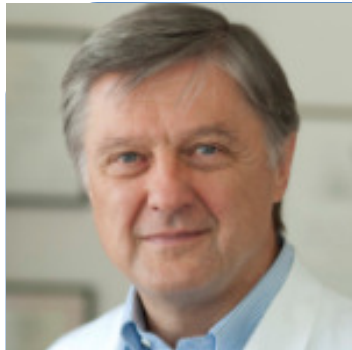
28-30 OCTOBER 2013
ROME, ITALY

www.eudat.eu/2nd-conference
#EUDATC2





Plenary I: Addressing the new data challenges – the case for cross-disciplinary science and services



Richard Frackowiak
Director, Department of
Clinical Neuroscience,
Head of Service of
Neurology, CHUV
University Hospital,
Lausanne



Kostas Glinos
European Commission,
Head e Infrastructure
unit - Directorate
General for
Communications
Networks, Content and
Technology



Kimmo Koski
Managing Director CSC
- IT Center for Science &
EUDAT Project
Coordinator



Plenary II: Life and Earth Sciences at a cross-road: community driven flagship initiatives in the EU and USA



William (Bill) Michener
Professor and Director
of e-Science Initiatives
for University Libraries,
University of New
Mexico & DataONE
Principal Investigator



Ewan Birney
Associate Director of
the EMBL-European
Bioinformatics Institute
(EMBL-EBI)



Maryline Lengert
Senior Advisor, ESRIN,
ESA & Helix Nebula

Plenary III: Towards Global Data Infrastructure Components



John Wood
RDA Council
Chair &
Secretary
General
Association
Commonwealth
Universities



Raphael Ritz,
Head of Data
Science Group
at RZG, Max
Planck Society



**William (Bill)
Michener**
Professor and
Director of e-Science
Initiatives for University
Libraries, University of
New Mexico & DataONE
Principal Investigator



Tobias Weigel
German Climate
Computing Center (DKRZ)
/ University of Hamburg



Daan Broeder
Max Planck Institute For
Psycholinguistics,
Nijmegen



Rainer Stotzka
Karlsruhe Institute
of Technology
(KIT), Institute for Data
Processing & Electronics,
Software Methods
Group Head



Johannes Reetz RZG /
MPG

TRACK 1 - EUDAT SERVICES



Morris Riedel
Juelich Supercomputing Centre,
University of Iceland

TRACK 2 - INTEROPERABILITIES



Rob Baxter
EPCC, University of Edinburgh

TRACK 3 - POLICY AND SUSTAINABILITY ISSUES



Mark van de Sanden
SURFSara

TRACK 4 – NEW SERVICES



1. EUDAT Services



B2SAFE

Replicate Research Data Safely



B2STAGE

Get Data to Computation



B2SHARE

Store and Share Research Data



B2FIND

Find Research Data



2. Interoperabilities

- **Session I – Federated AAI**
 - US works on federated AAI as well, linking different IDs
 - EUDAT & Terena/EduGain pilot prototype exists to use
 - ‘FIM4R group’ started different pilots (partly with industry)
- **Session II – Private-Public Partnerships**
 - EUDAT CDI offers unique capabilities & know-how for industry
 - Collaborations with industry need focus and broader representatives
- **Session III – Identifiers**
 - US and handle system moves to a sustainable foundation (DONA)
 - Working with PIDs and DOIs stable and increased usage
 - New approaches for identifiers for ‘open time series’



3. Policy & Sustainability Issues

- **Session I: Access and Reuse policies**
 - Data policies: increasingly long-term & *open*
 - Harmonising across EUDAT centres is essential
 - Licensing: compatibility across repos is key to enabling intelligent re-use
 - CC 4.0 could give us useful sets of open licences
- **Session II: Data Management Plans and Certifications**
 - DMP: increasingly required, and now in H2020
 - We need to find carrots as well as sticks: research benefits as well as compliance
 - DMPonline: v4 out in beta, highly customizable
 - EUDAT plans to adopt & adapt in collaboration with DCC
 - DSA: increasingly needed to build trust
 - How best to adopt in a distributed infrastructure?
- **Session III: Cost and Funding Models**
 - Funding viewpoint: focus on funding & charging
 - It's not about costs but about who pays (and in what “currency”)

Track 4

- Understand community and user requirements
- Regular surveys
- Working groups

Discover New Services

- LifeWatch/LTER use case
- EUON: European Ontology Network, bring experts together
- Proposal EUDAT Semantic Annotation service
- How does this integrate with EUDAT services: PID, B2SAFE, B2SHARE?
- Is not the holy grail, scientists are the real experts
- But it helps, should be more automated, auto corrections

Close collaboration between Communities and IT people are essential

Dynamic Data

- CLARIN: how to manage crowdsourcing data and the crowd
- Bi-temporal approach: OBSERVATION and STATE time to select data sets version at a certain time
- How to engage with the crowd, how to manage intellectual, data privacy, with fast growing data volumes

Workflows

- ENES and CLARIN use cases
- EUDAT Generic Execution Framework (GEF)
- HTTP/Rest API to be integrated with workflows
- Bottom up approach to come best workflows to support
- Information about workflows should be easy findable, repositories?



EUDAT Training ...

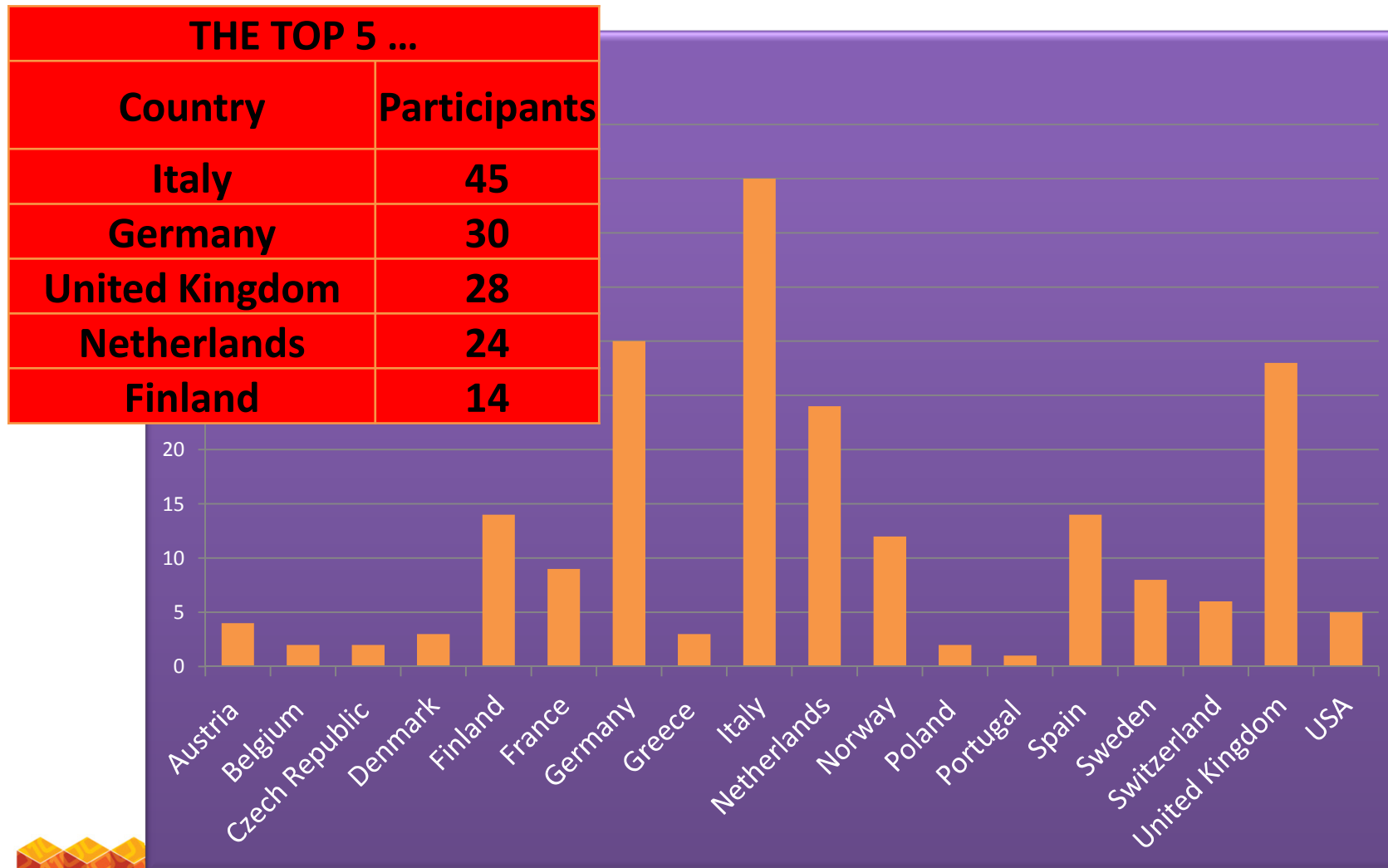
**Implementation
of Staging,
Replication and
Storage: Services
and Tools**

**Data Staging,
Replication and
Storage: Integrating
with EUDAT's
Building Blocks**

**Persistent
Identifiers,
Handles, Type
Registries, EPIC**

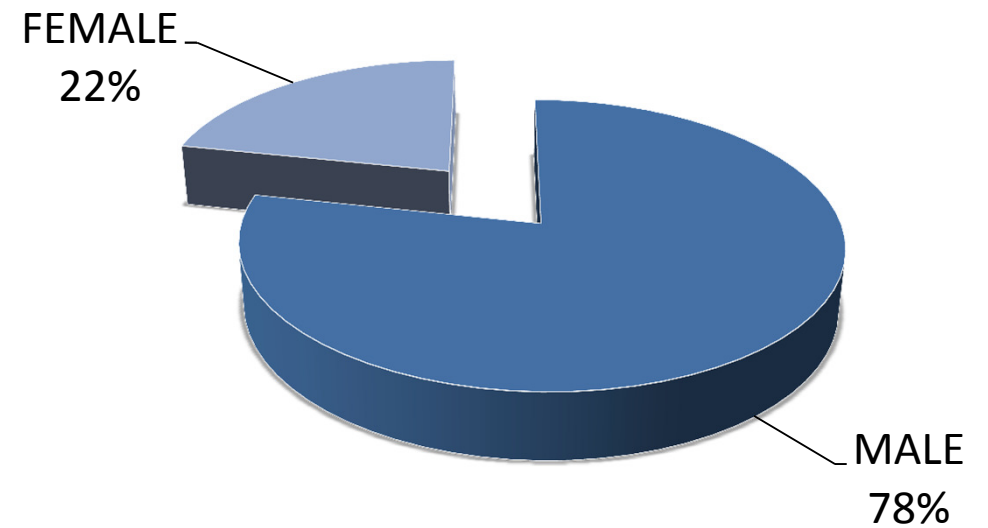
Metadata

215 participants from...

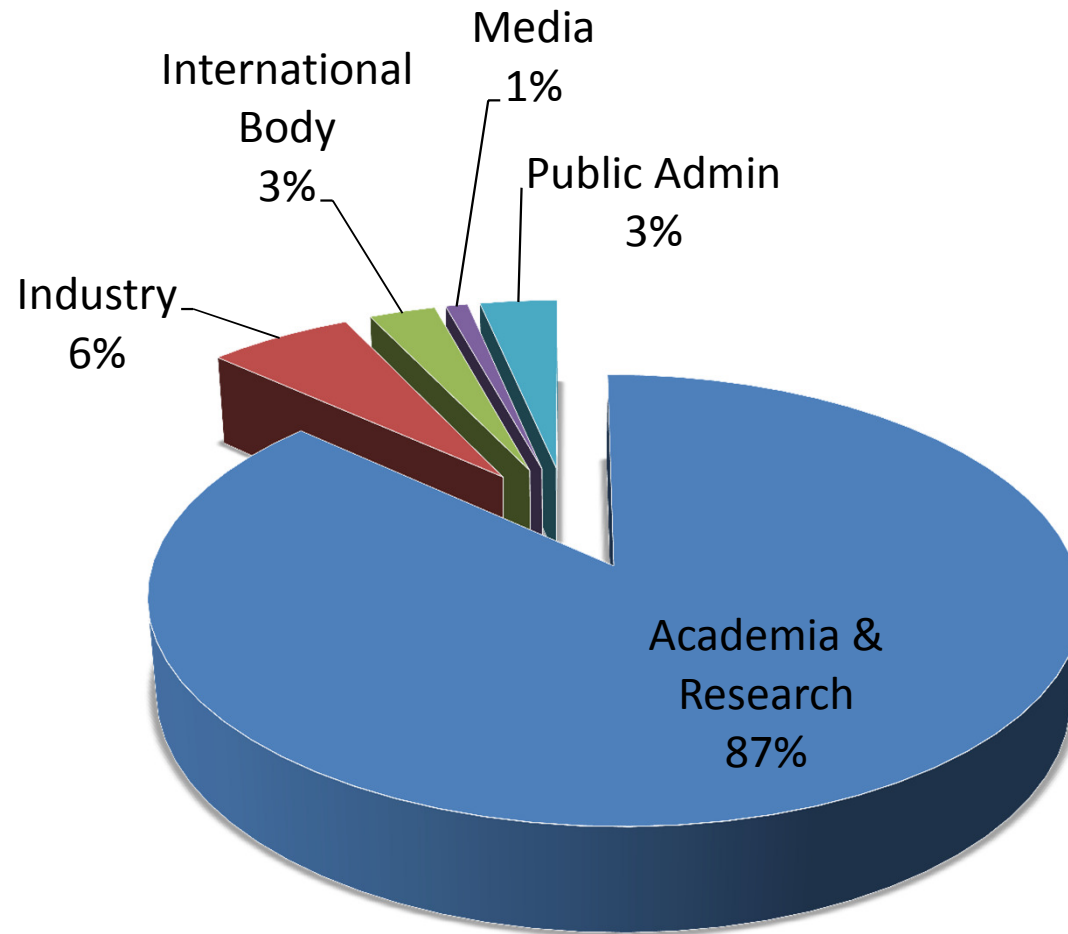




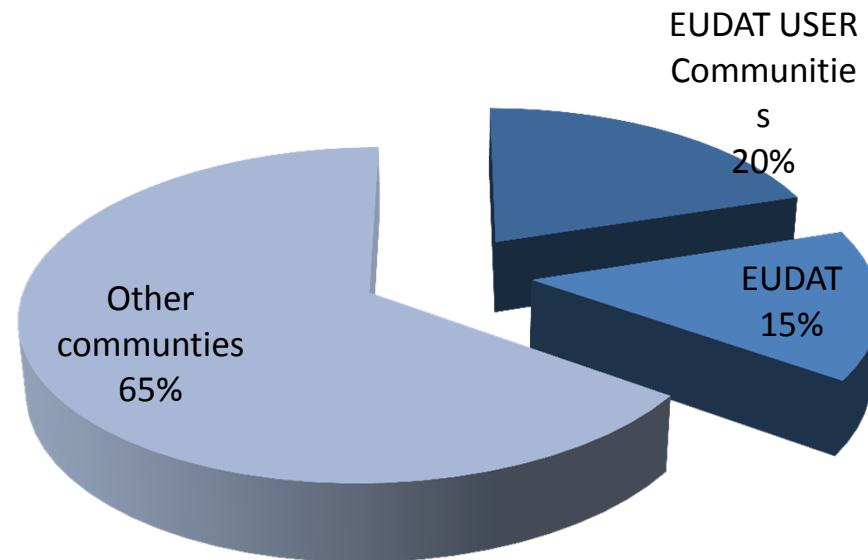
Gender balance ...



Organisation Type ...

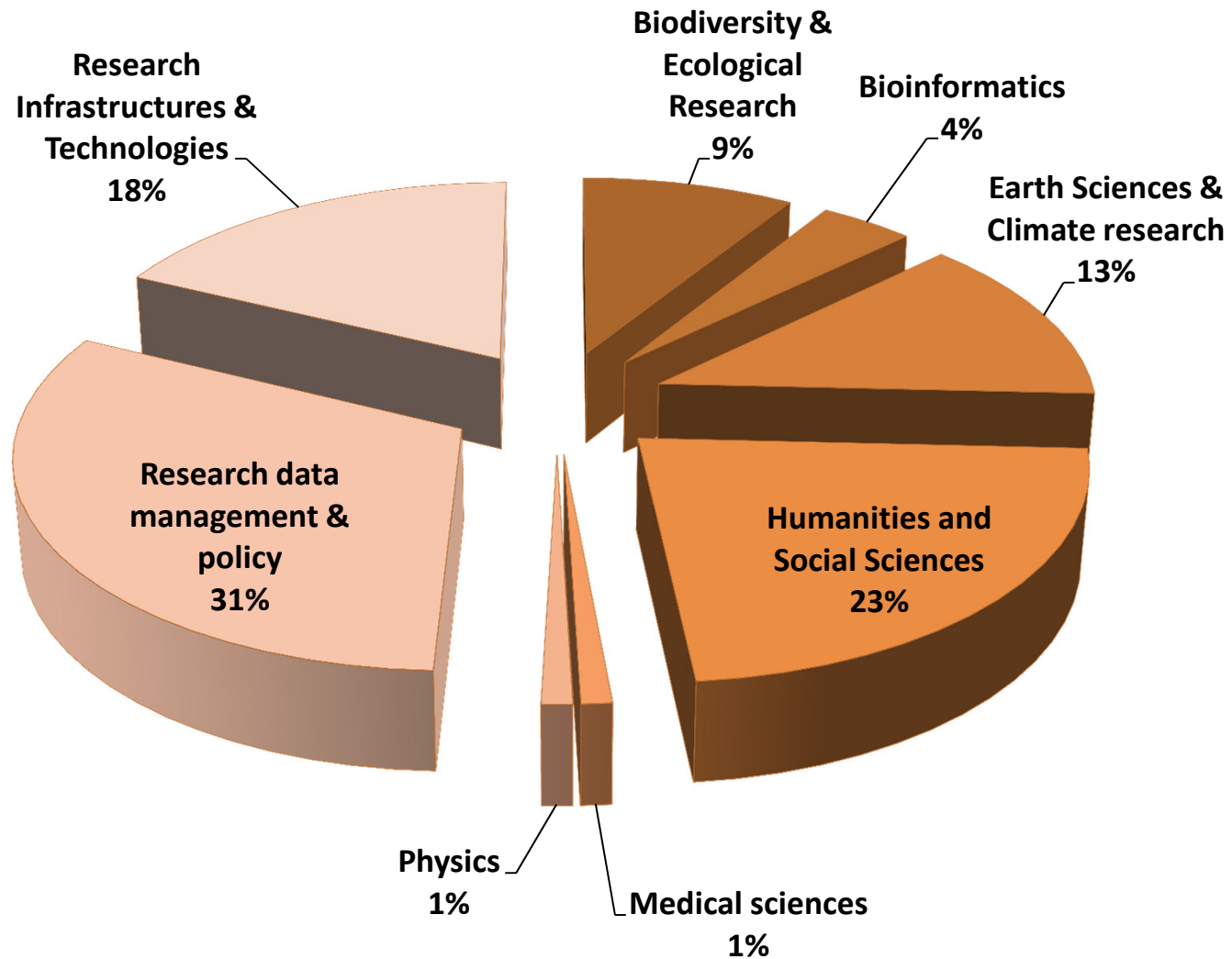


Communities count ...





Multi-disciplinary



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Need Data services?

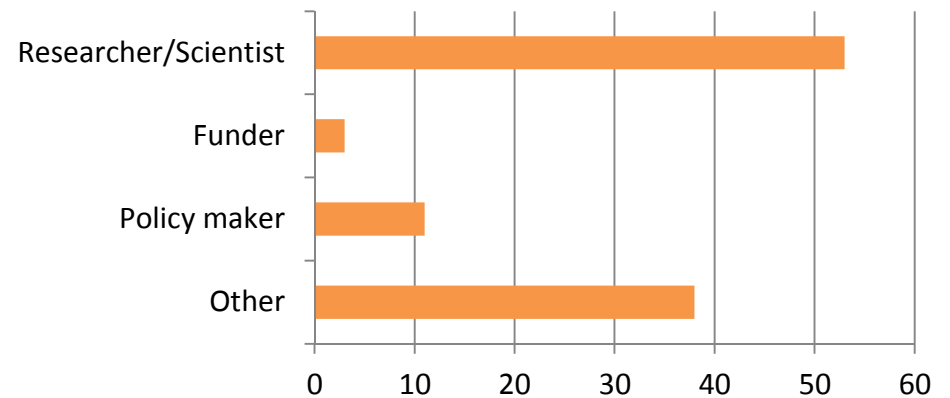
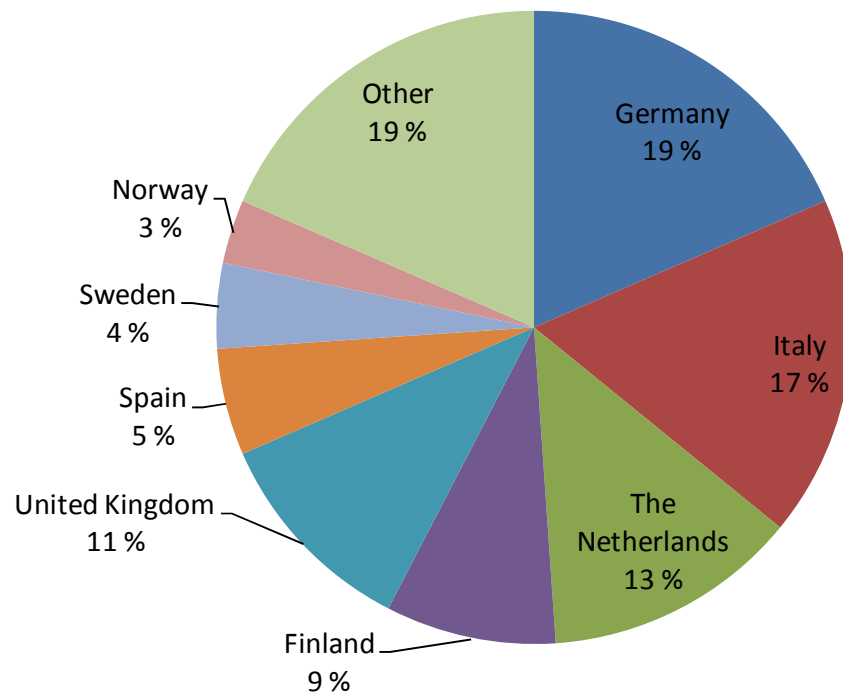
Help us to help you ...

**Complete the on-line survey before
Wednesday 30th October @ 11:00 CET
AND be in with a chance to win a
Kindle Fire ... <http://goo.gl/ElNcd>**

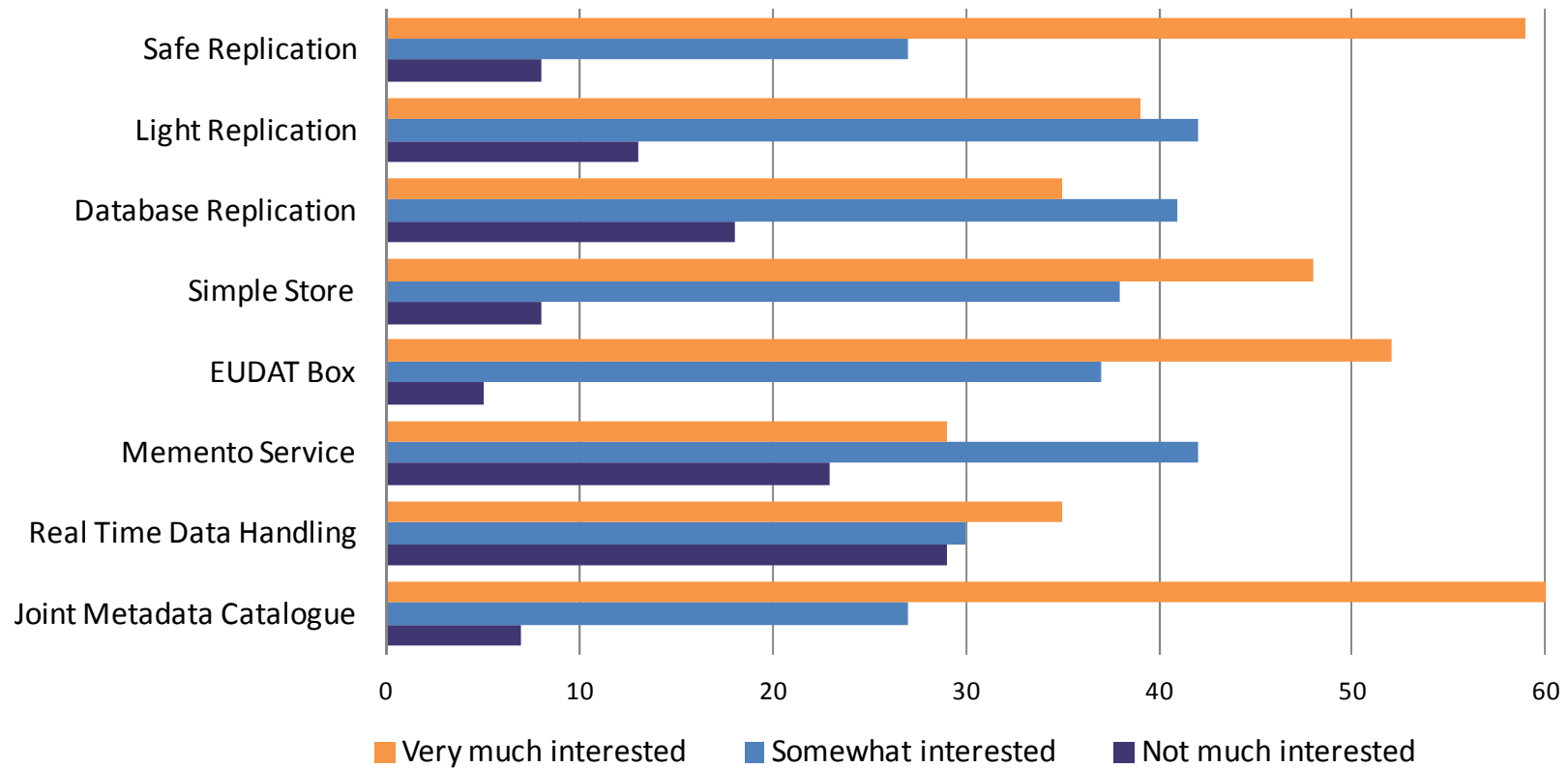


Summary

- 94 respondents, from 23 countries

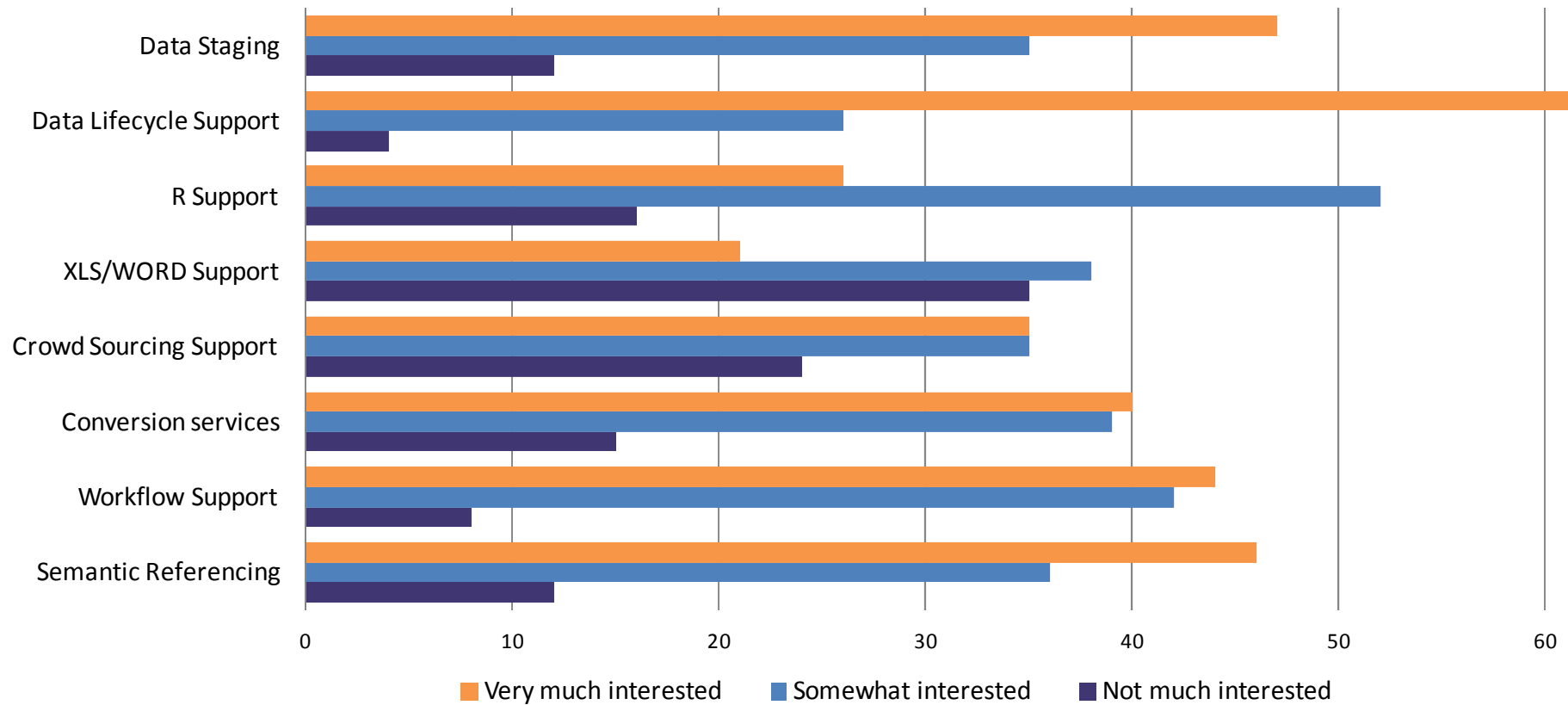


Data and Metadata Services



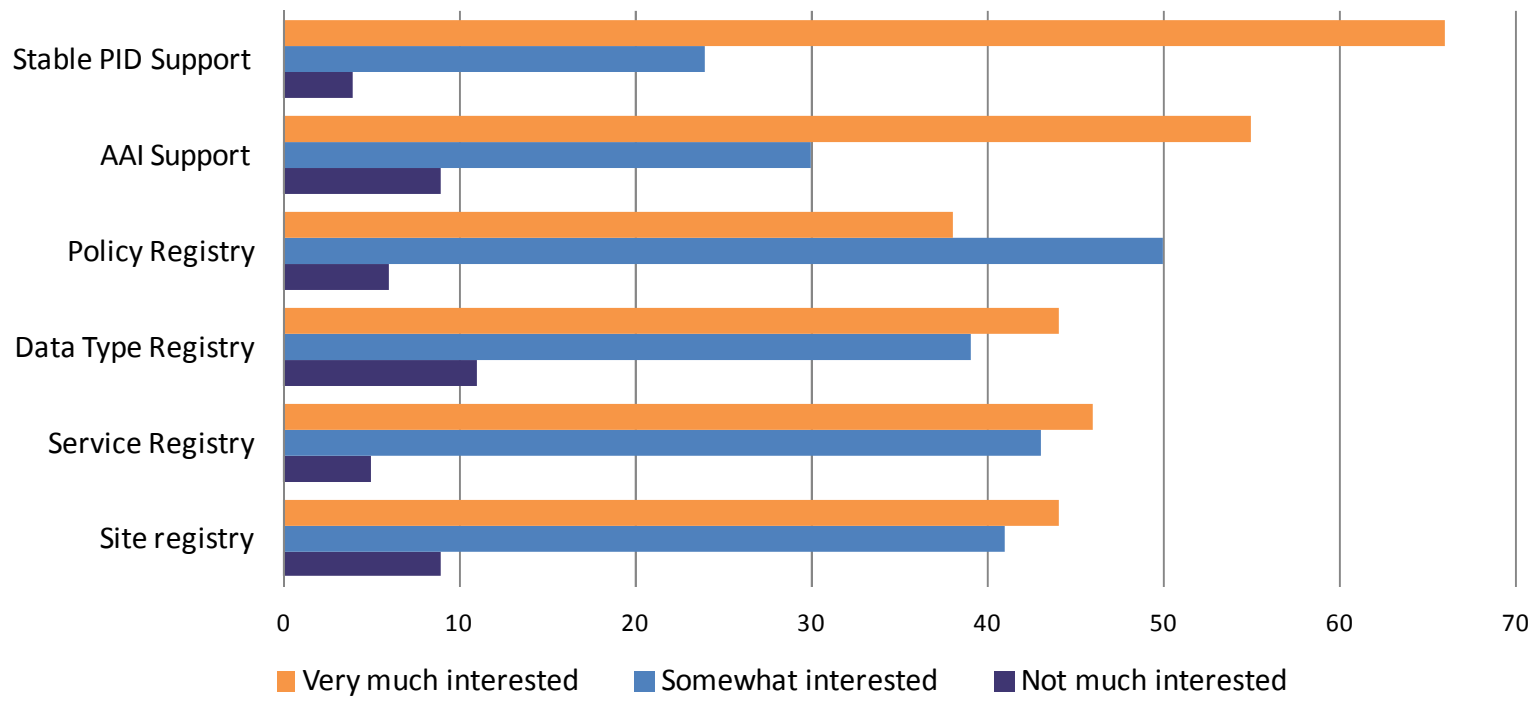


Lifecycle and Processing Services



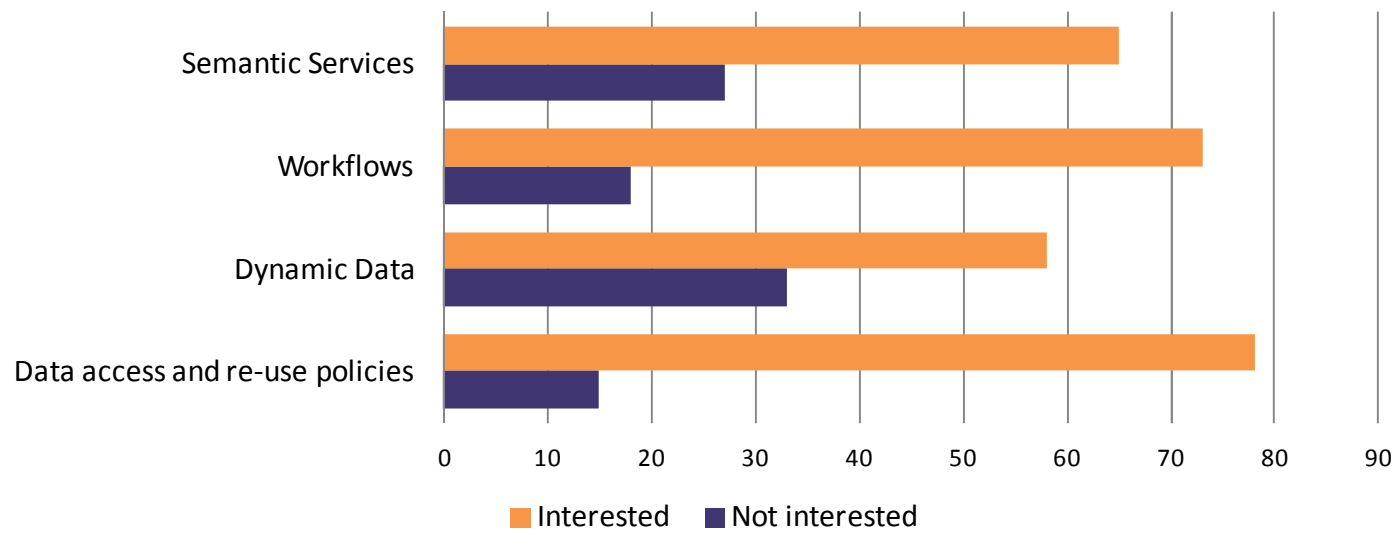


Registries, PIDs & AAI





Working Groups



... and the winner is...





Thank You!

