Persistent identifiers – the needs of Funders

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Thursday 6th September 2012

Summary requirements

- **Research funding** – identifying co-funders and follow-on funding
- **Research eligibility and reporting** – identifying organisations & departments
- **Research application reviewing** – identfying expertise and conflicts of interest
- **Research facilities** – identifying eligibility for use of facilities internatioal facilities & financial equivalents of facilities time
- **Research outputs & impacts** – identifying collaborators and co-authors, attribution of impact
- **Research publication payments** – identifying which organisation and country paid the APC on OA publications
- **Resarch outputs linked to research grants** - is there a need for a grants DOI service
- **Research careers** – how to track career development and national strength of disciplines
- **Research classifications –** national and international classifications to identify synergies and overlap

Identifying Funders (1)

- Thompson – Web of Science
- Elsevier- (FundRef)
- National collaborations (e.g. UK Funders Forum, AMRC, LWEC)
- EU – via ERA-Nets

Funding Agency	Grant Number
Aquatic Ecology by Research MSc programme within SBCS	
NERC	NE/F004753/1 NE/D013305/1 NE/C002105/1
Ramon y Cajal Fellowship	RYC-2008-03664
Generalitat de Catalunya	2009SGR142

[Hide funding text]

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Identifying Funders (2)

- EU Research Organisations
  - European Research Council; JRC; European Science Foundation; Science Europe; ERA-Nets; thematic groups - e.g. PEER, EuroGeoSurveys, ASSEMBLE,)
- EU Publication Databases
  - CORDIS; DRIVER; OpenAire
- EU Datacentres (e.g. Co-Data, "Riding the Wave")

Identifying Funders 3 (ERA-Nets)

Coordination Action (CA)

1. ACENET ERA-NET: **Project reference**:CA-011784
2. AirTN: **Project reference**:CA 518480
3. ALLIANCE-O: **Project reference**:CA-011853
4. AMPERA ERA-NET: **Project reference**:CA 016165
5. ASPERA: **Project reference**:CA-036195
6. ASTRONET: **Project reference**:CA 026075
7. BiodivERsA: **Project reference**:CA 517836
8. BONUS: **Project reference**:CA-510204
9. CIRCLE: **Project reference**:CA 026058
10. CoCanCPG: **Project reference**:CA 026070
11. COMPERA: **Project reference**:CA 517844
12. COMPLEXITY-NET: **Project reference**:CA-036195
13. CORE Organic: **Project reference**:CA-011716
14. CO-REACH: **Project reference**:CA 01685
15. CORNET: **Project reference**:CA 016229
16. CRUE: **Project reference**:CA-515742
17. ECORD: **Project reference**:CA-510218
18. ERA-AGE: **Project reference**:CA 016166
19. ERA-ARD: **Project reference**:CA 517837
20. ERABUILD: **Project reference**:CA-515790
21. ERA-CHEMISTRY: **Project reference**:CA-510192
22. ERA-IB: **Project reference**:CA-035581
23. ERA-NET BIOENERGY: **Project reference**:CA-515738
24. ERA-NET ROAD: **Project reference**:CA 016103
25. ERA-NET TRANSPORT: **Project reference**:CA 517834
26. ERA-PG: **Project reference**:CA-510189
27. ERA-SAGE: **Project reference**:CA 016226
28. EraSME: **Project reference**:CA-011725
29. ERA-SPOT: **Project reference**:CA 016224
30. ERA-STAR REGIONS: **Project reference**:CA-515793
31. ERASysBio: **Project reference**:CA 023212
32. E-RARE: **Project reference**:CA-036248
33. ETRANET: **Project reference**:CA-510185
34. EULANEST: **Project reference**:CA-036271
35. EUPHRESCO: **Project reference**:CA-036212
36. EUROPOLAR: **Project reference**:CA 517842
37. EUROTRANS-BIO: **Project reference**:CA-011718
38. EURYI: **Project reference**:CA-510191
39. EU-SEC: **Project reference**:CA-011823
40. EUWI: **Project reference**:CT-2006-036268
41. FENCO: **Project reference**:CA 016210
42. FORSOCIETY: **Project reference**:CA-011832
43. HERA: **Project reference**:CA 016179
44. HESCULAEP: **Project reference**:CA-510232-
45. HY-CO: **Project reference**:CA-011744
46. iMERA: **Project reference**:CA 016220
47. INNER: **Project reference**:CA 016186
48. IWRM.NET: **Project reference**:CA 026025
49. MANUNET: **Project reference**:CT-2006-36229
50. MARIFISH: **Project reference**:CA 025989
51. MARINERA: **Project reference**:CA-515871
52. MARTEC: **Project reference**:CA 026101
53. MATERA: **Project reference**:CA 016102
54. MNT ERA-NET: **Project reference**:CA 517827
55. NanoSci-ERA: **Project reference**:CA 016146
56. NET-BIOME: **Project reference**:CA-510218
57. NEURON: **Project reference**:CA-036213
58. NEW-OSH-ERA: **Project reference**:CA 026045

Specific Support Action (SSA)

1. ANIMAL WELFARE: **Project reference**:SSA-510193
2. CID-ERA: **Project reference**:SSA-003230
3. CIRCLE: **Project reference**:SSA-011793
4. COASTAL-ERA: **Project reference**:SSA 016189
5. CoCanCPG: **Project reference**:SSA-003239
6. COMPLEXITY-NET: **Project reference**:SSA-011810
7. CORNET: **Project reference**:SSA-003256
8. ENMatSSA: **Project reference**:SSA-3187
9. EOWIN: **Project reference**:SSA-510184
10. ERA-CARE: **Project reference**:SSA 016054
11. E-Rare: **Project reference**:SSA-510187
12. ERCH: **Project reference**:SSA-510181
13. EUROSCENE 2003: **Project reference**:SSA-510213
14. EUWI-ERA-NET: **Project reference**:SSA 517838
15. FENCO: **Project reference**:SSA-510222
16. FORSOCIETY: **Project reference**:SSA-3231
17. INCONET: **Project reference**:SSA-011821
18. IWRM.Net: **Project reference**:SSA-003223
19. MANUNET: **Project reference**:SSA-011759
20. NEURON: **Project reference**:SSA-3220
21. NORSAGE: **Project reference**:SSA-510231
22. PAIN-ERA: **Project reference**:SSA-515760
23. PERIAPT: **Project reference**:SSA-510200
24. PRIORITY MEDICINES: **Project reference**:SSA-3214
25. PROFORSAFE: **Project reference**:SSA-510175
26. VALOR: **Project reference**:SSA-510225

Identifying Research Organisations

- Higher Education Institutions (164 in the UK)
- Independent Research Organisations (56 recognised by RCUK)
- Research Council Institutes (BBSRC 6, MRC 33, NERC 6, STFC 5)
- Research Organisations (RCUK fund 268 – including some overseas, but 460 have applied to NERC)
- UK "Departments" (1542 for NERC alone)
- HECFE "Campus Information" will clarify UK HEI department names annually from 2013 – and map in % terms to "Cost Centres" and REF "Units of Assessment"
- Make use of EU "Participant Identification Code" (PIC)?

Show 10 entries   Search:

Name of the organization	PIC	Country	City	VAT number	Status
NATURAL ENVIRONMENT RESEARCH COUNCIL	999989200	UK	SWINDON WILTSHIRE	GB618367325	VALIDATED

Showing 1 to 1 of 1 entries   First | Previous | 1 | Next | Last

Identifying Reviewers

- Matching internal "College" members to applications

- Identifying external reviewers

- Identifying conflicts of interest

- Journals have similar needs for reviewers

- Use Subject classifications – e.g. RCUK 3-tier 'research classification'

- NERC is investigating Elsevier-Collexis 'fingerprinting'
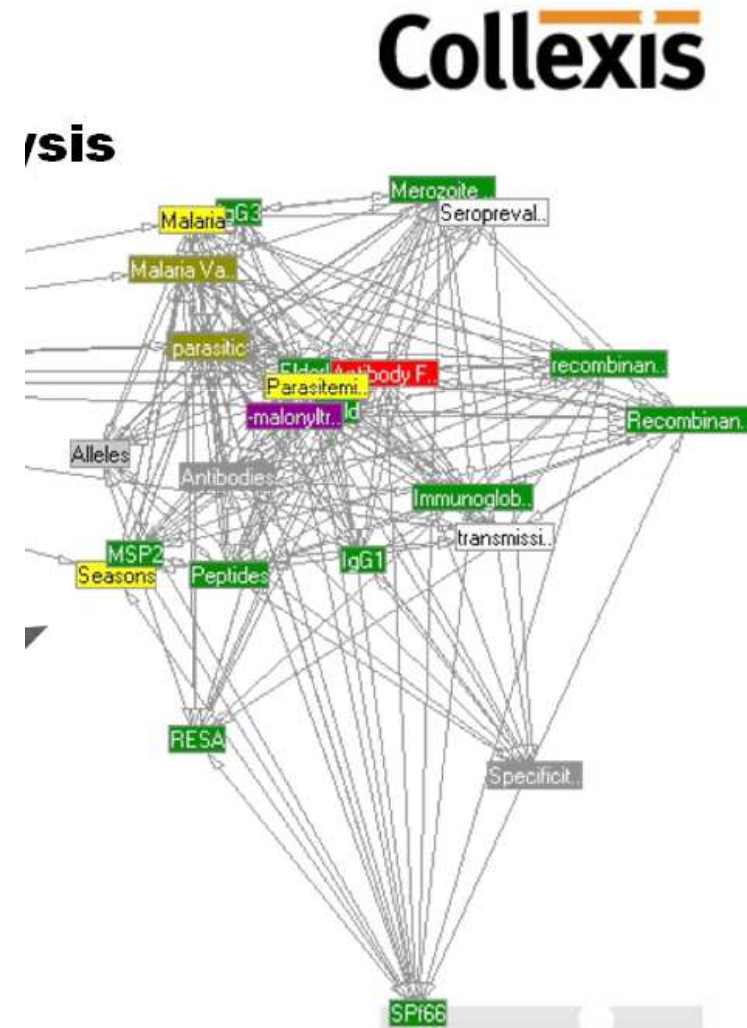
Research Facilities

- NERC (and STFC/MRC) provides ships, aircraft and a range of analytical equipment
- Link outputs to facilities
- International collaboration crucial
- Provide cash equivalent of competitively awarded facility time to Funding Councils for Research Excellence Framework
- Link people <> grants <> facilities <> data

Research Outcomes

- Outcomes from RCUK grants are attributed grants/projects/programmes in ROS (AHRC, BBSRC, ESRC, EPSRC) and Research Fish (MRC, STFC)
- NERC is joining ROS from 1/1/2013 (2012 collection campaign)
- NERC Citation Study (2003-2010)
- ORCID will be integrated in ROS asap (should funders register all grant-holders?)
- Research Outputs:
    - Publications (book, journal, conference, report, other)
    - Other (bio/medmical, creative, electronic, physical, research materials, other)
    - Collaboration (partnership, panel, committee networks)
    - Further funding
    - Staff development
    - Dissemination
    - Intellectual Property (IP, exploitation mechanism)
    - Recognition (prize, medal, honorary degree, fellowship of learned society, editorial board, panel, other award)
    - Impact (summary, policy, business, third sector)

NATURAL ENVIRONMENT RESEARCH COUNCIL

evidence
a business of Thomson Reuters

Baseline bibliometric analyses of NERC-funded research, 2003-2010

May 2012

Contact details

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Open Access APC Payments

- Standard article-level metadata needed – hopefully in conjunction with publishers:
  - OA symbols on publishers sites
  - Access metadata in CrossRef (APC, Subscription free)
  - Copyright metadata in CrossRef (e.g. CC-BY)
  - Research funder information in FundRef
  - APC payment in FundRef (?)
- Need for publishers to disseminate metadata to repositories and aggregators (DRIVER, BASE etc) – either a) Repository Junction service, b) CrossRef Metadata service; c) WoS Web Service; d) SciVerse Web Services?
- Need for 'faceted' searches needed from aggregators – including Funder and GrantID fields?

Research Careers (RCUK/HESA/Vitae)

- UK Early careers [survey](#) of 4500 PhD leavers/yr (HESA)

- UK Longer-term [survey](#) of [careers](#) of selected PhDs (HESA)

- [Sustainability](#) of the UK research workforce (RCUK)

- [What do researchers do](#) (RCUK)

- Study on [mobility and careers](#) of EU Researchers

- [MORE2 Project](#) (mobility of European Researchers)

Eu Research by Sectors
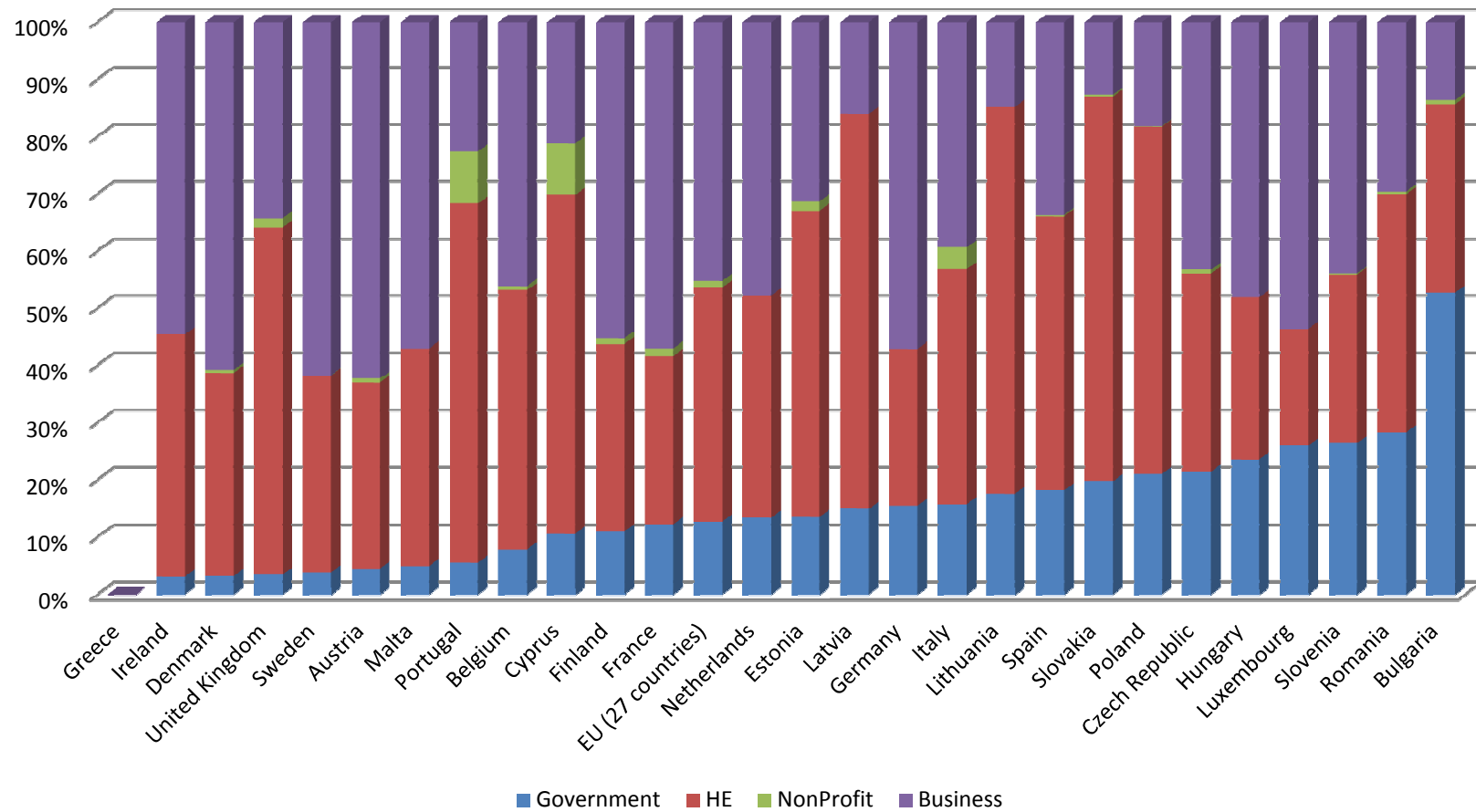
Researchers by EU Country 2010
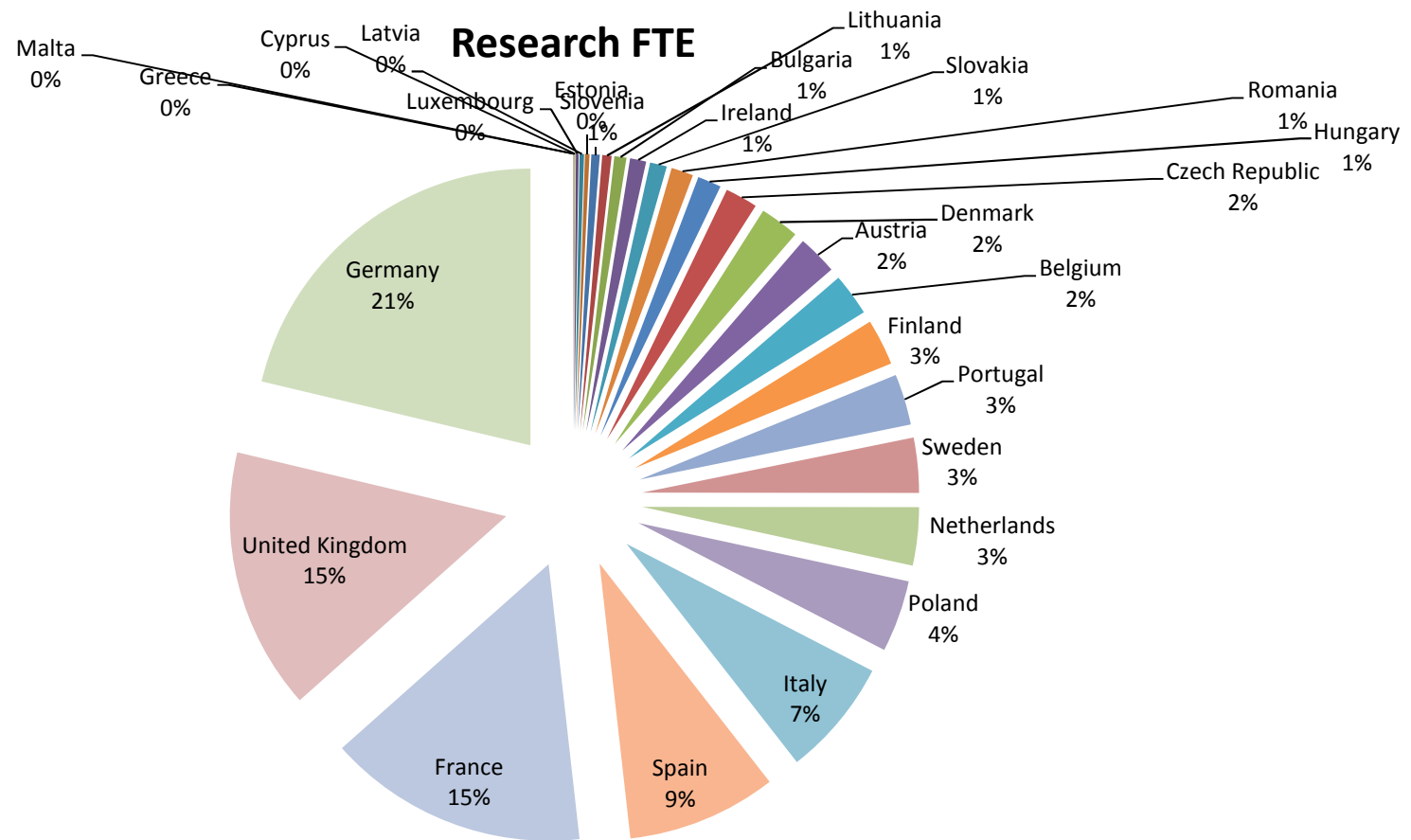
1.54 million researchers in Europe (Eurostat 2010) – A challenge for ORCID!