

Funder mandates and OA realities

Marika Meltsas
Open Access Week, 2013



Estonian Research Council

- Established March 1th, 2012, to create one single research funding and research policy implementing institution
- Established on the basis of Estonian Science Foundation and part of Archimedes Foundation (Research Cooperation Centre)
- Estonian Research Council is a founding member of Science
 Europe assembly of European research funding and research performing organisations
- Estonian Research Council participates in Science Europe Open Access Working Group



Estonian Research Information System ETIS

- A state register (R&D related institutions, persons, financing and evaluation, output)
- A gateway to Estonian research landscape
- An information channel and a tool for researchers and R&D institutions
- A grant application and processing system
- A research management tool
- A repository of documents, contracts, data and publications



Research funding

- Institutional research funding is support allocated for financing high level research activities of a R&D institution. 75 applications were submitted for the first IRF call for applications in 2012 and 31 of these received funding.
- Personal research funding support to single researchers or small groups (up to 3 researchers). 194 applications were submitted in the first PRF call for applications. 42 projects funded (26 exploratory research and 16 start-up research projects)



Regulation - Institutional research funding

- § 10. Publication of results of the research theme
- (1) The publications that result from the implementation of the research theme shall be **freely available to the public in ETIS**, unless set forth otherwise in the conditions for publication, or protection of copyright and intellectual property rights.
- (2) If a publisher establishes temporal access restrictions on publications that on the basis of subsection 1 of this section are available to the public, the publications that result from the implementation of the research theme shall be made **freely available to the public in ETIS** immediately after the restriction ends, unless set forth otherwise in the publisher's conditions.
- (3) Upon publishing the results of implementing a research theme, the publication shall note which research funding was used to finance the implementation of the research theme.

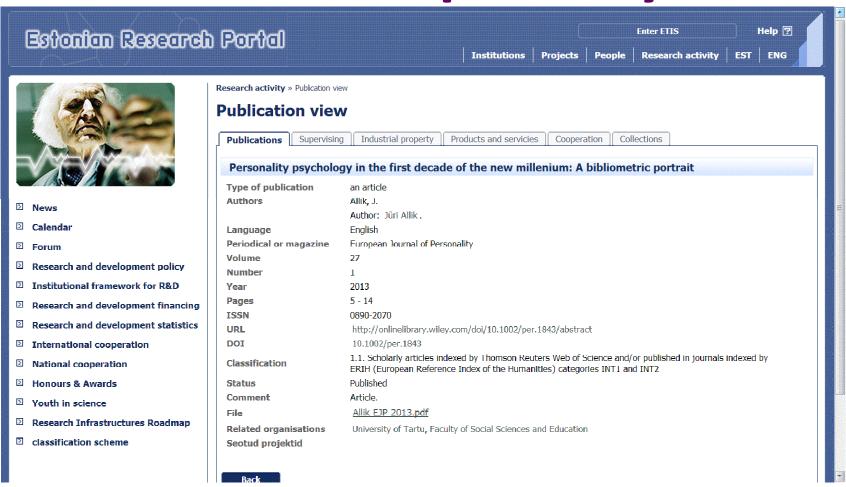


Regulation - Personal Research Funding

- 22. Publication of results of research project
- 22.1. Consolidated texts of publications drawn up as a result of the implementation of a research project are made freely available to the public via ETIS by the host institution, unless the conditions of publication, copyright or intellectual property protection state otherwise.
- 22.2. If a research publishing house temporarily restricts access to the
 public publications on the basis of Section 21.1, the consolidated texts of
 the publications drawn up as a result of the implementation of the
 research project will be made freely available via the ETIS by the
 host institution after the expiry of the restriction.
- 22.3. Upon publication of the results of implementation of a research project, it is indicated which funds of the grant the implementation of the research project has been financed.



ETIS as repository





ETIS and OA dynamics

2008

78 000 publications

12 000 with fulltext

5 000 openly available - 6,4%

2010

100 000 publications

23 470 with fulltext

9 800 openly available - 9,8%

2012

134 142 publications

33 034 with fulltext

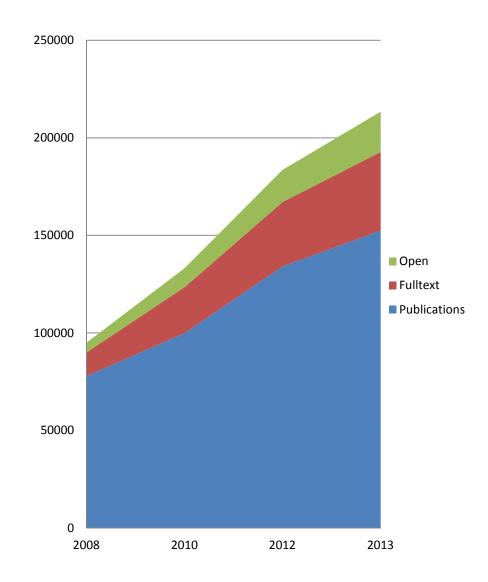
16 414 openly available -12,2%

2013

152 523

40297 with fulltext

20656 openly available -13,5%





ETIS and open access

Published in 2011:

- 11 285 bibliographic records
- 4841 with fulltext
- 2698 openly accessible 24%

Articles in international journals 2011-2012:

6458 bibliographic records

3959 with fulltext – 61%

1907 openly accessible in ETIS – 30%



Articles in Gold OA journals

2011-2012

- 6458 articles in international peer-reviewed journals
- 1074 belong to DOAJ OA journals
- 332 belong to journals that charge APC-s



Proportion of OA papers per country, 2008-2011

Group	Country	Papers in	Green & Hybrid		Gold		OA	
		Sample	Papers	%	Papers	%	Papers	%
EU28	Austria	1,349	545	40 ± 3	105	8 ± 1	650	48 ± 3
	Belgium	2,088	939	45 ± 2	126	6 ± 1	1,065	51 ± 2
	Bulgaria	293	91	31 ± 5	21	7 ± 3	112	38 ± 6
	Croatia	403	147	36 ± 5	95	24 ± 4	242	60 ± 5
	Cyprus	88	35	40 ± 11	3	3 ± 4	38	43 ± 11
	Czech Republic	1,252	411	33 ± 3	130	10 ± 2	541	43 ± 3
	Denmark	1,392	633	45 ± 3	103	7 ± 1	736	53 ± 3
	Estonia	161	63	39 ± 8	23	14 ± 6	86	53 ± 8
	Finland	1,178	488	41 ± 3	80	7 ± 1	568	48 ± 3
	France	7,959	3,205	40 ± 1	472	6 ± 0.5	3,677	46 ± 1
	Germany	10,531	4.026	38 ± 0.9	673	6 ± 0.5	4,699	45 ± 0.9
	Greece	1,336	452	34 ± 3	116	9 ± 2	568	43 ± 3
	Hungary	709	279	39 ± 4	49	7 ± 2	328	46 ± 4
	Ireland	833	358	43 ± 3	75	9 ± 2	433	52 ± 3
	Italy	6,094	2,389	39 ± 1	421	7 ± 0.6	2,810	46 ± 1
	Latvia	71	23	32 ± 11	8	11 ± 8	31	44 ± 12
	Lithuania	228	88	39 ± 6	35	15 ± 5	123	54 ± 7
	Luxembourg	37	13	35 ± 17	2	5± 9	15	41 ± 17
	Malta	23	8	35 ± 21	4	17 ± 17	12	52 ± 22
	Netherlands	3,759	1,936	52 ± 2	263	7 ± 0.8	2,199	58 ± 2
	Poland	2,474	707	29 ± 2	326	13 ± 1	1,033	42 ± 2
	Portugal	1,047	479	46 ± 3	97	9± 2	576	55 ± 3
	Romania	734	289	39 ± 4	75	10 ± 2	364	50 ± 4
	Slovakia	368	127	35 ± 5	41	11 ± 3	168	46 ± 5
	Sloveria	358	110	31 ± 5	50	14 ± 4	160	45 ± 5
	Spain	5,461	2,074	38 ± 1	604	11 ± 0.8	2,678	49 ± 1
	Sweden	2,301	922	40 ± 2	181	8 ± 1	1,103	48 ± 2
	United Kingdom	11,781	5,100	43 ± 0.9	728	6 ± 0.4	5,828	49 ± 0.9
	Total EU28	53,622	20,204	37 ± 0.4	4,192	8 ± 0.2	24,396	45 ± 0.4

Julie Caruso, Aurore Nicol & Eric Archambault *Open Access Strategies in the European Research Area.* Science-Metrix Inc., 2013



Science Europe

- Association of major public research organisations in Europe;
- 53 member organisations from 27 countries;
- Research funding and research performing organisations
- SE Working group on Open Access
- Principles on the Transition to Open Access to Research Publications (April, 2014)



SCIENCE EUROPE - A survey among the European Research Funding and Research Performing Organizations (2012)

Both Roads

- Denmark
- Hungary
- Ireland
- Finland
- Spain
- UK * (e.g. Finch report)
- Germany *
- Austria *
- The Netherlands *
- Sweden *
- * Both Green and Gold but with emphasis on Gold

Gold Road

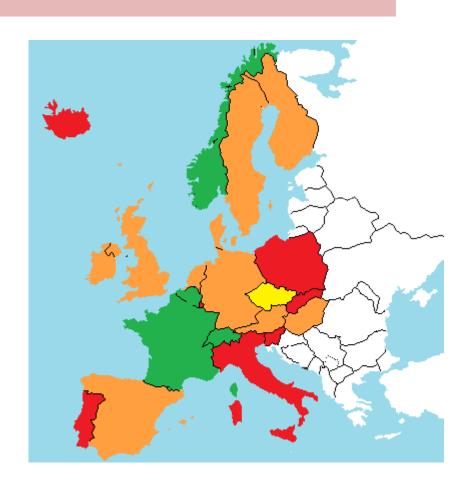
Czech Republic

Green Road

- Belgium
- France
- Norway
- Switzerland

Other policies

- Italy
- Luxembourg
- Poland
- Slovakia
- Slovenia
- Portugal,
- Iceland





SE Principles on the transition to Open Access to Research Publications

- Publication and dissemination of results are an integral part of the research process. The allocation of resources within the research system must take this into account
- The move towards OA means replacing the present subscription system with other publication models whilst redirecting and reorganizing the current resources accordingly.



SE Principles on the transition to Open Access to Research Publications

- SE Member Organisations will continue to support any valid approaches to achieve Open Access, including those commonly referred to as the 'green' and 'gold' routes;
- recognise repositories and related facilities as key strategic research infrastructure which should comply with high quality standards



SE Principles on the transition to Open Access to Research Publications

- SE Member Organisations stress that the hybrid model, as currently defined and implemented by publishers, is not a working and viable pathway to OA.
- Any model supported by Science Europe must prevent 'double dipping' and increase cost transparency



Gold route from Estonian perspective

- Reallocation of resources for supporting "gold" route is not feasible unless the resources are tied to subscription of major research information databases and journal packages of leading research publishers. The cancellation of the subscriptions should take place in a coordinated way on global level to enforce the publishers to change the business model
- To avoid the shift from accessibility problem to affordability to publish problem a fair business model to cover publishing costs should be put in place.



Challenges today

- Predatory Open-Access Publishers (Beall's list of over 300 publishers)
- No overview of publication costs today
- Commercial publishers have found new opportunities to make profits on scholarly communication
- Diversity and lack of clarity of publishers' policies on self-archiving, researchers need more information and assistance



Preparing for the future

- Dynamic growth of OA Gold business model
- A need for central coordinated way to handle APC-s?
- Central funding or grant money?
- What services are paid for?
- What are the quality criteria?
- Allocation of costs?
- Who takes responsibity?