The Liège ORBi model: Mandatory policy without rights retention but linked to assessment processes

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Open Access: Repositories

- Institutional repositories
- Must be interoperable
- Participate in a worldwide network and contribute to a global data base of all research in OA
- Must be searchable
- Are currently 1,568 but few are “full text” incomplete
Open Access: Repositories

- Mandate
- Enforcement
- Quality & Services
- Incentives & Sanctions
Why a mandate?

- An institutional repository makes sense only if exhaustive.
- An institutional repository fills up only with a mandate (90% vs 8%).
- **Straight obligation** is not part of the University mores.
- Many obligations do exist.
  - All that is needed is add this one but make sure it is understood, to stimulate a positive spirit.
- A mandate can be **firm but soft**.
Today:
68,000 references
41,000 full text (60.2%)
Why a mandate?

The Mandate « à la liégeoise »: a stick

- ORBi generates automatically a report that can be downloaded directly by academic authorities
- ORBi generates automatically a report that is the only official document for evaluations at ULg
  - promotions
  - grant proposals
  - etc.
- The ORBi website is accessible to all, it can be sorted, among other criteria, by author’s names
- The ULg institutional phonebook is linked directly to ORBi

Enabling Open Scholarship
Why a mandate?

The Mandate « à la liégeoise »: a carrot

- ORBi publishes permanent statistics of consultation
- ORBi publishes a « hit parade » of most consulted authors, most downloaded articles, etc.
- ORBi has direct links to any citation of the articles
- The report generated automatically by ORBi is nicely and logically presented, according to the traditional values of the major research sectors. It can be used as a publication list for CVs and can be printed in an updated version, at any time

Enabling Open Scholarship
Why a mandate?

The Mandate « à la liégeoise »: positive facts

- ORBi increases considerably the readership of an article

Number of consultations per month: on average 1,500 after 1 year
Why a mandate?

The Mandate « à la liégeoise »: positive facts

- Being in ORBi increases considerably the readership of an article
- Being in ORBi increases the citations of an article

Mean number of citations for a randomized sample of 2009 ULg references on Scopus (n=351)

<table>
<thead>
<tr>
<th>References on ORBi</th>
<th>References NOT on ORBi</th>
</tr>
</thead>
<tbody>
<tr>
<td>5,915</td>
<td>2,957</td>
</tr>
</tbody>
</table>
Why a mandate?

The Mandate « à la liégeoise »: positive facts

- Being in ORBi increases considerably the readership of an article
- Being in ORBi increases the citations of an article
- Being in ORBi provides a second life to older articles

As long as the repository contains full text references and is searchable by engines
ORBi’s Gamble…

Won, over our wildest dreams!
ORGi: What is deposited?

Nature of the publications
Numbers

68,000 references

- On average: 63 references added each day (75 the 1st year)
  - On May 25, 2010: 700 references added on a single day!
  - Still far from the 10/day expected on cruise speed after the rush...
- 5,382 ULg authors have entered their own references in ORBi

According to ROAR (http://roar.eprints.org), out of 1,568 IRs,

- 27th worldwide for the total number of references
- Number 15 for « high activity level » (number of days in the last year with over 100 deposits/day) (Number 1 until last year)
- Number 1 for « medium activity level » (number of days in the last year with 10-99 deposits/day)
Open or Restricted Access?

Of these 68,000

- 41,000 are Full Text (60.12% of all deposits)
- 20,594 are in OA

Full Text in ORBi

Restricted Access 49.7%
Open Access 50.3%

Open Access vs Restricted Access

<table>
<thead>
<tr>
<th>Year</th>
<th>Open Access</th>
<th>Restricted Access</th>
</tr>
</thead>
<tbody>
<tr>
<td>2009</td>
<td>44.0%</td>
<td>56.0%</td>
</tr>
<tr>
<td>2011</td>
<td>57.4%</td>
<td>42.6%</td>
</tr>
</tbody>
</table>
Success: because of the mandate? Not just that!

Many more references introduced than expected
- 36.8% references older than required (2002)
- «Scientific Publications» in the broad sense
  - «Traditional» Publications: 81.5%
  - But also unpublished communications, reports, teaching material, lectures, etc…: 18.5%

Much more Full Text than expected
- 38.9% articles older than 2002 are Full Text!
- 41.1% publications «non-articles» are Full Text!

Enabling Open Scholarship
Success: other explanations?

ORBi corresponds to a need for the Institution but also for the researchers

- Multiple winners
- But need to convince (takes too much time, hence the mandate!)

ORBi puts the researcher to the center of the game

- Nobody does it better
- Several authors, one entry
Success: other explanations?

Not just another tool for librarians

- User-oriented and user-friendly
- « Light » workload: 10 min/reference
- Focused on what makes sense for authors
- Variable according to disciplines
- Technically up to date
  - Automatic helper tools: dynamic scrolling lists
  - Contextual help
  - Possibility to import (PubMed, WOS, SAO/NASA, EndNote X, BibTeX …)

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Success: other explanations?

Increased visibility

- Big Open Access harvesting tools (OAIster, Driver, Scientific Commons, Base, …)
- Google Scholar
- SciVerse (Elsevier)
- Broad scope search engines (Google, …)
Success: other explanations?

Added value Service

- Legal assistance
  - Detailed legal Guide
  - Automatic links to Sherpa/ROMEo (publishers’ policies)
  - Legal toolbox (models of letters to publishers and of legal texts or modifications to keep or recover diffusion rights, …)

- Active hotline
  - Any question? An accurate answer within 24 h (including during the weekend)
Success: other explanations?

Added value Service

- Permanent and simple filing
- Visualisation & downloads
  - Only by humans (exclusion 20,000 spiders, …)
  - Distinguishing « at ULg » & « outside ULg »
  - Per reference, author, month, country. Globally, top 20 …
- Impact Factor (current + the year of publication), IF5, Eigen Factor, article Influence
- Citations (Weekly): Google Scholar, WOS
- h-Index
Success: other explanations?

Added value Service

- Automatic generation of Reports
  - Multiple use (CV, applications, web link, …)
  - Multiple formats (PDF, HTML, DOC, XML …)
  - Disciplinary presentation templates designed with representatives of academic sectors

- Personalisation
  - Different bibliographic formats (APA, Chicago, …)
  - Other additions (optional): bibliometrics, abstracts, peer review assessment, …

- Widget: Dynamic integration in Web pages

Enabling Open Scholarship
Success: other explanations?

Awareness

- Direct link with the University Phone Book
- ORBi sends around 12,000 e-mails per month to co-authors (agreement, signatures,…)
- Emulation
A researcher’s goal when writing a publication: being read

- ORBi items are visible on Google search engines within one hour
- Usage statistics: strong increase
  - Over 1,340,000 visualisations
  - Over 531,000 downloads (currently: 1,100/day)
    - Belgium: 29.7%
    - France: 16.6%
The ORBi advantage

Increase in readership

- Average number of downloads for references 2008-2010:
  - 15.4 times more for papers in OA than in restricted access (RA)
  - 26.7 times more if downloads inside ULg are removed

(as of March 2011, twice more than in 2010!)
The ORBi advantage

**Mean number of visualizations for 2008-2011 references**
(measured 5/03/2011 on 433,564 visualizations of 16,798 references)

- **Total**: 32.64 (Open Access), 25.65 (Restricted Access), 15.99 (Without FT)
- **From ULg**: 6.67 (Open Access), 5.62 (Restricted Access), 3.47 (Without FT)
- **From outside ULg**: 25.97 (Open Access), 20.03 (Restricted Access), 12.81 (Without FT)

**Mean number of downloads for 2008-2011 references**
(measured 5/03/2011 on 158,762 downloads of 16,798 references)

- **Downloads**: 24.02 (Open Access), 1.56 (Restricted Access)
- **Downloads ULg**: 21.66 (Open Access), 2.35 (Restricted Access)
- **Downloads from outside ULg**: 26.7 (Open Access), 0.61 (Restricted Access)

15.4 times more downloads with Open Access than Restricted Access
26.7 times more downloads from outside ULg with Open Access than Restricted Access
ORBi: a complete success?

Still too many filing errors

- Typos, mistakes in titles, misspellings, etc.
- Some fraud (in the order of authors)
- Some false full texts
ORBi: a model?

- Other Belgian universities
- University of Luxembourg
- University of Lorraine (Metz-Nancy)
- Czech Academy of Sciences

http://orbi.ulg.ac.be
Thank you!