Managing the gap: CSIC’s CRIS system and DIGITAL.CSIC repository

euroCRIS, Barcelona Strategic Membership Meeting, November 10th 2015
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2010: Complex Landscape for Scientific info management @ CSIC

- many departments involved with diff. agendas
- several institutional databases (granularity, workflows, inputs, update)
- no technological inter-operability
- no common standards
- no policy in place
- redundancy and no synchronization
  - **BESIDES**
- An institutional IR not connected to other databases
- **MANY INPUTS-MANY OUTPUTS**
2011: The road for sorting out

- Harmonize the institutional policies of scientific data management
- One system to upload data about CSIC scientific production
- One input many outputs as "modus operandi"
- Easy tool for internal analysis and scientific research evaluation
- A way to reduce administrative tasks by CSIC centers and researchers
- Added value tools: standarized CVs, reports and bibliographies, statistics, maps of scientific impact, export utilities

**STRENGTHENING OF INSTITUTIONAL OPEN ACCESS GREEN ROAD BY LINKING CRIS AND DIGITAL.CSIC**
Framework elements

- Local build up (Alfresco, Java language, Linux server, IBM equipment)
- No CERIF
- Avoid manual input
  - API Scopus weekly uploads
  - CSIC institutes input
  - Validation process

INSTITUTIONAL INPUT SOURCES

- BDC
  Institutional database on scientific activities
- NBDC
  Institutional database on entities and staff
- CVN
  Curriculum Vitae Standard
- CSIC
  Action Plan
- Institutional research assessment exercise

External sources (Scopus, WoK, others)

ConCiencia

Digital.CSIC

OUTPUTS

- Reports, analytics, data exports, etc
- CSIC Annual Report
- Enriched CVN
- Evaluation research of institutional research assessment exercise
The CSIC CRIS:ConCiencia
2nd setp: making ConCiencia and DIGITAL.CSIC Interact

**ISSUES**

- Items duplicates
- Synchronization of data upload in both platforms
- Metadata validation
- Author identities check-up
- Copyright verification

- Internal tool to bridge from CRIS to IR
- Used by IR uploaders-libraries
- 46% of items yearly
- "one way"
CSIC Gateway: from ConCiencia to DIGITAL.CSIC
Some conclusions so far... still complex

- Mixed situation CRIS+IR
  - Lots of efforts and resources
  - CRIS not using (CERIF, ORCID...)
- SCOPUS feed limitations
  - API retrieval
  - Lack of CSIC affiliations control
- Mapping problems ConCiencia / DIGITAL.CSIC
- Need to add new metadata (funding)
- DIGITAL.CSIC with new DSpace - CRIS Module (CINECA) looking to offer:
  - Research profiles
  - List of Top papers-Researcher page
  - Collaboration maps
  - Internal bibliometrics
Tank you!

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