Portuguese National Academic CV Platform

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Difficult to see...always in motion is the future

Yoda (Episode V: The Empire Strikes Back)
Some of project DeGóis history...

- **1999**, CNPq in Brazil launched ‘Lattes’ as its national system to support Scientific Curricula;

- **2001-2002**, Agreement between UMinho, FCT, CNPq and Stela Team to adapt Lattes to the Portuguese reality;

- **2002-2006**, Development of DeGóis platform based on Lattes;

- **2006**, DeGóis go-live in production environment;

- **2014**, Decision to abandon DeGóis-Lattes and develop a new version of DeGóis from the scratch;

- **2016**, About 24k CVs and 500k registered works, and more than 50 affiliated institutions;

- **2016**, A new start...
Motivations

- CV structure was complex and difficult to maintain;
- Users complain about registering the same information in different systems;
- System usability was poor;
- CVs data with low integration with other national systems and data bases of science and technology;
- Redundant systems of CVs (DeGóis and FCT-SIG);
Objetives

• To increase system usability;
• DeGóis CVs data must be integrated with other national and international systems of science, technology and innovation;
• Just one system of academic CVs;
Methodology

Findings:

• Focus on interoperability and usability;
• Use CASRAI dictionary as a provider of guidelines;
• Integrate ORCID as central hub to works and projects;
• Interoperate with multiple sources: openAIRE; crossRef; institutional repositories; etc.
An alternative scenario to synchronize productions between repositories and ORCID through DeGóis.
What we have!

Legend:

Green arrows represent interactions already active involving the new DeGóis.

White arrows represent direct flows of metadata not going through ORCID or DeGóis.

Unidirectional arrows represent metadata flows from DeGóis to the target entities, from source entities to DeGóis and from RCAAP (national federation of full-text repositories) to ORCID.

Bidirectional arrows represent synchronization between DeGóis and ORCID related to metadata about publications, projects and personal data.
Outcomes

• New design: improved usability and ergonomic features;
• CASRAI dictionary allowed to implement a better structured model;
• ORCID provided a good approach to interoperate data between systems (mostly publications);
• The interoperability with external systems provided the means to gather users data;
Conclusions:

• CASRAI – A good decision, however some customization was needed;

• ORCID: Good approach to works and projects; needing a stabilized version of API 2.0; and completeness of CASRAI elements;

• Perspectives of good acceptance due to:
  ✓ good usability (good results of tests of usability);
  ✓ synchronization of data (DeGóis – ORCID);
  ✓ Reuse of data from another sources.
Future work:

- CERIF-XML
- Synchronize with ORCID – Education, Employment Person data
- Affiliation management
- Institutional portal
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Thank you