Before 2011, several institutional platforms, databases and departments collecting CSIC research data without following common standards, formats, procedures, granularity level in bibliographic records and data retrieval calendars.

**CONCIENCIA, THE INSTITUTIONAL CRIS**

**CRIS Architecture**
Alfresco management system - JAVA Language
Linux Operative System - IBM equipment

Conciencia, a new deposit process for Digital.CSIC?
- Metadata of 130,000 + research outputs
- Monthly content updates through APIs and batch imports
- 4,500 + full texts uploaded in 3 months
- A substitute for DSpace submission process?

**CSIC scientific information management system: database mergers, synergies, automation**

**THE ROAD FOR AUTOMATION**
- A single process to collect data about CSIC scientific production
- Systematic retrieval of CSIC outputs metadata through Scopus APIs and batch imports from CSIC centers databases. Cleaning of CSIC centers and institutes affiliations on Scopus as a first step
- Easier process for yearly institutional assessment exercise
- A way to reduce administrative tasks by CSIC centers and researchers
- Value-added tools such as standardized CVs, reports and bibliographies, statistics analysis, maps of scientific impact, export functionalities
- Strengthening of institutional OA green road by linking CRIS and DIGITAL.CSIC repository

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

**Some experiences so far**

**METADATA CROSSWALKS**
Data indexed by SCOPUS less granular than Digital.CSIC items description

With SWORD client (1.0), data wrapped in METS standard gets crosswalked through epdcx: further loss of granularity

As a result, some syntax changes for items in the repository

Reutilization of SWORD client classes (DSpace 1.8) for DSpace 1.6.2