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

euroCRIS, Barcelona Strategic Membership Meeting,
November 10th 2015



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**

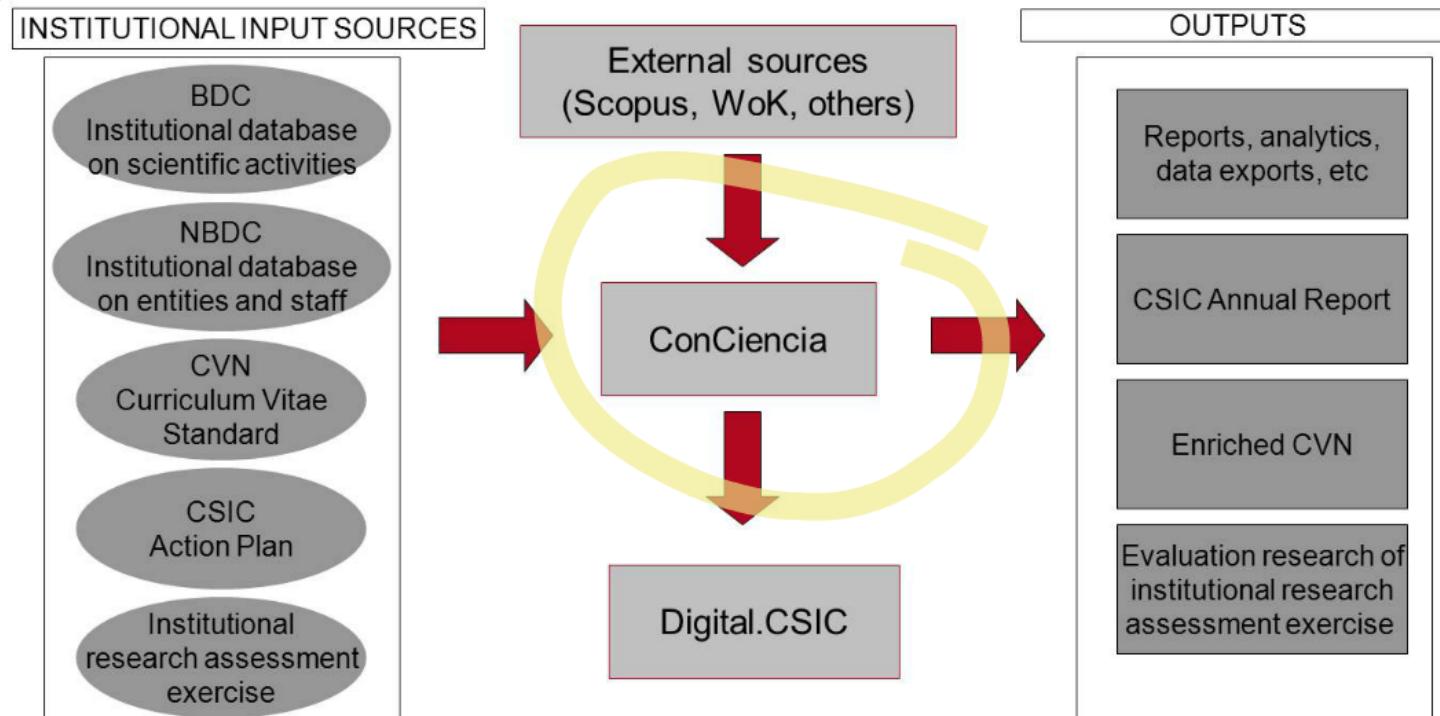
2011: The road for sorting out

- 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



The CSIC CRIS:ConCiencia

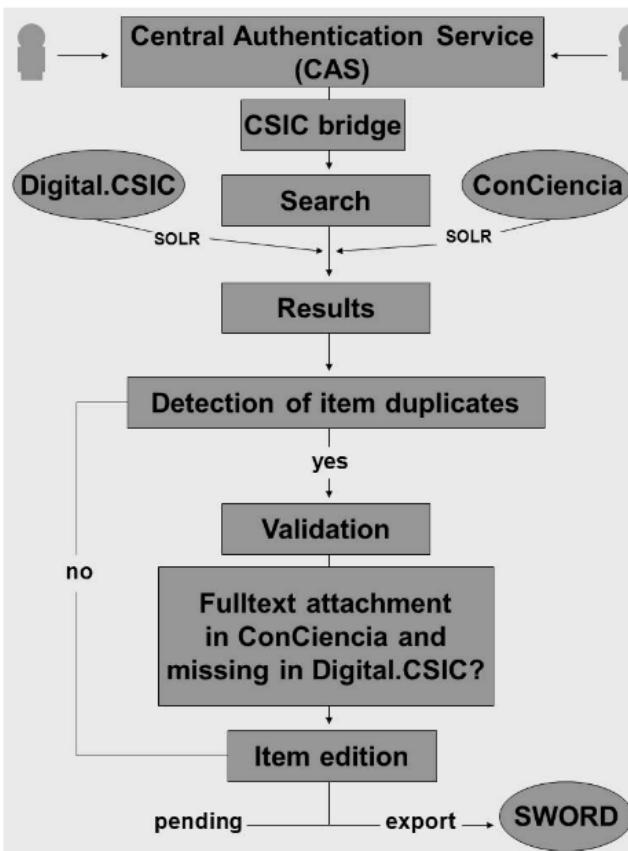
The screenshot shows the CSIC CRIS:ConCiencia web application. The main area displays a search results page titled "Consulta General" (General Search) under the "Actividad Científica" (Scientific Activity) section. The search criteria include "Todas las palabras" (All words) set to "70099/93.00/20.25", "Tipo de Actividad" (Type of Activity) set to "Todas las palabras" (All words), and "Entidades CSIC" (CSIC Entities) set to "Todas las palabras" (All words). The results show 357,389 activities found, with the first few listed as follows:

- EVENTOS - Validado - 29/09/2011 - CICLOS DE CONFERENCIAS Y JORNADAS INFORMATIVAS -Turbo, M.
Etiquetas: + ver resumen - ir detalle
Es CSIC: Sí
- EVENTOS - Validado - 06/10/2011 - CICLOS DE CONFERENCIAS Y JORNADAS INFORMATIVAS -Turbo, M.
Etiquetas: + ver resumen - ir detalle
Es CSIC: Sí
- EVENTOS - Validado - 19/10/2011 - CICLOS DE CONFERENCIAS Y JORNADAS INFORMATIVAS -Turbo, M.
Etiquetas: + ver resumen - ir detalle
Es CSIC: Sí
- CONGRESOS Y CONFERENCIAS - Cancelado - 22/02/2013 - CONFERENCIA PLENARIA
Etiquetas: + ver resumen - ir detalle
Es CSIC: Sí
- CONGRESOS Y CONFERENCIAS - Cancelado - 10/10/2012 - GRAL
Etiquetas: + ver resumen - ir detalle
Es CSIC: Sí
- CONGRESOS Y CONFERENCIAS - Cancelado - 08/04/2012 - POSTER
VI National conference on chemistry and nanomaterials of young scientists, Mendeleov-2012, St-Petersburg, Russia, 6 April 2012
Etiquetas: + ver resumen - ir detalle
Es CSIC: Sí
- CONGRESOS Y CONFERENCIAS - Anulado - 20/11/2013 - CONFERENCIA INVITADA
Etiquetas: + ver resumen - ir detalle
Es CSIC: Sí
- CONGRESOS Y CONFERENCIAS - Anulado - 09/03/2006 - CONFERENCIA INVITADA
LA VÍA DE APROXIMACIÓN ENTRE LA INVESTIGACIÓN BÁSICA Y CLÍNICA HOSPITAL UNIVERSITARIO SANT JOAN E INSTITUTO DE NEUROSCIENCIAS DE ALICANTE
Etiquetas: + ver resumen - ir detalle
Es CSIC: Sí
- CONGRESOS Y CONFERENCIAS - Cancelado - 22/02/2013 - CONFERENCIA INVITADA
International Workshop of magnetic nanocarriers for combined hyperthermia and controlled drug release
Etiquetas: + ver resumen - ir detalle
Es CSIC: Sí
- EVENTOS - Cancelado - 21/02/2013 - OTROS (ESPECIFICAR) - Veneciana C. Naranjo Gómez
Etiquetas: + ver resumen - ir detalle
Es CSIC: Sí

The right side of the interface features several filter panels:

- Resultados Clasificados**:
 - Etiquetas**: No hay etiquetas asignadas. Selección múltiple.
 - Es CSIC
 - Sí (553.518)
 - No (3.071)
- Tipo de Actividad**:
 - ARTÍCULOS (195.080)
 - CONGRESOS Y CONFERENCIAS (73.942)
 - DOCENCIA (21.879)
 - EVENTOS (19.198)
 - CAPÍTULOS DE LIBROS (16.002)
 - DIRECCIÓN DE TRABAJOS (12.161)
 - MATERIALES (11.004)
 - PATENTE (4.212)
 - LIBROS (2.048)
 - SPN-OTF (83)
- Origen**:
 - conCIENCIA (191.516)
 - SCOPUS (148.941)
 - SCOPUS Manual (7.320)
 - IMPRESIÓN MASIVA (6.192)
 - BDS (3.316)
 - IRI (105)
- Estado**:
 - Validado (333.132)
 - Cancelado (15.118)
 - Anulado (5.515)
 - Devuelto (3.358)
 - Enviado al Validator del Indicador (2.902)
 - Envío a Conciencia Solicitante (2.556)
 - Envío a Conciencia Centro (1.672)
 - Envío al Centro (119)

2nd step: making ConCiencia and DIGITAL.CSIC Interact



ISSUES

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

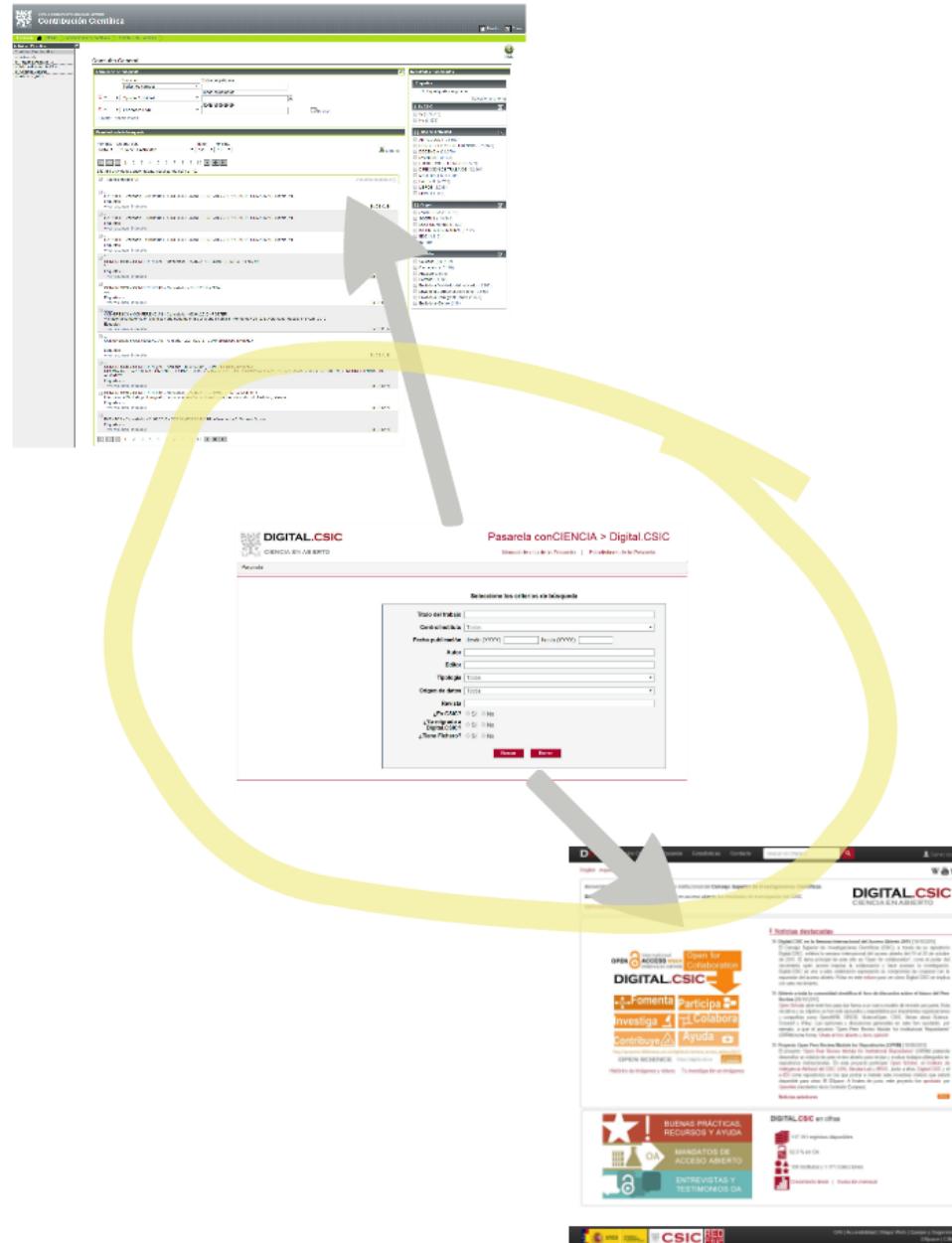
✓ Internal tool to bridge from CRIS to IR

✓ 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!



Agnès Ponsati Obiols
CSIC-Unit for Information
Resources for Research
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