The Catalan Research portal: ready to go

Ramon Ros i Gorné

(CSUC)

EuroCRIS Strategic Membership Meeting 2015

Barcelona, November 11th

CSUC

PRC evolution calendar

- Definition (2013)

- Implementation (2014)

Amsterdam November 2014

- Restricted opening (2015)

Barcelona November 2015

Decision in 2012

What

- To create a portal to find the research outputs of the Catalan research system, the PRC.

Why

- To increase the visibility of the research done in Catalonia

- To foster OA

- To increase interoperability between data

First implementation decisions

- Model → NARCIS

- Identifiers → ORCID

- Software → Dspace-CRIS from CINECA

- Data flow → From local CRIS systems

- Data exchange format → CERIF-XML

PRC members

PRC's university CRIS systems

- PRC members = CSUC's universities + 1

- They use 4 different CRIS systems

    - 5 use GREC from UB (inhouse developed)
    - 3 use SIGMA-CRIS from Sigma
    - 2 use DRAC from UPCnet
    - 1 use UXXI from OCU

Any of this systems were CERIF compliant

CSUC

Unique identifiers

Government & internal codes

Universities

Departments

Institutes

Research groups

Research projects

Catalan government codes

Funding entities codes

PRC

Researchers

Publications

DOI, Handle & ISBN

ORCiD
Connecting Research
and Researchers
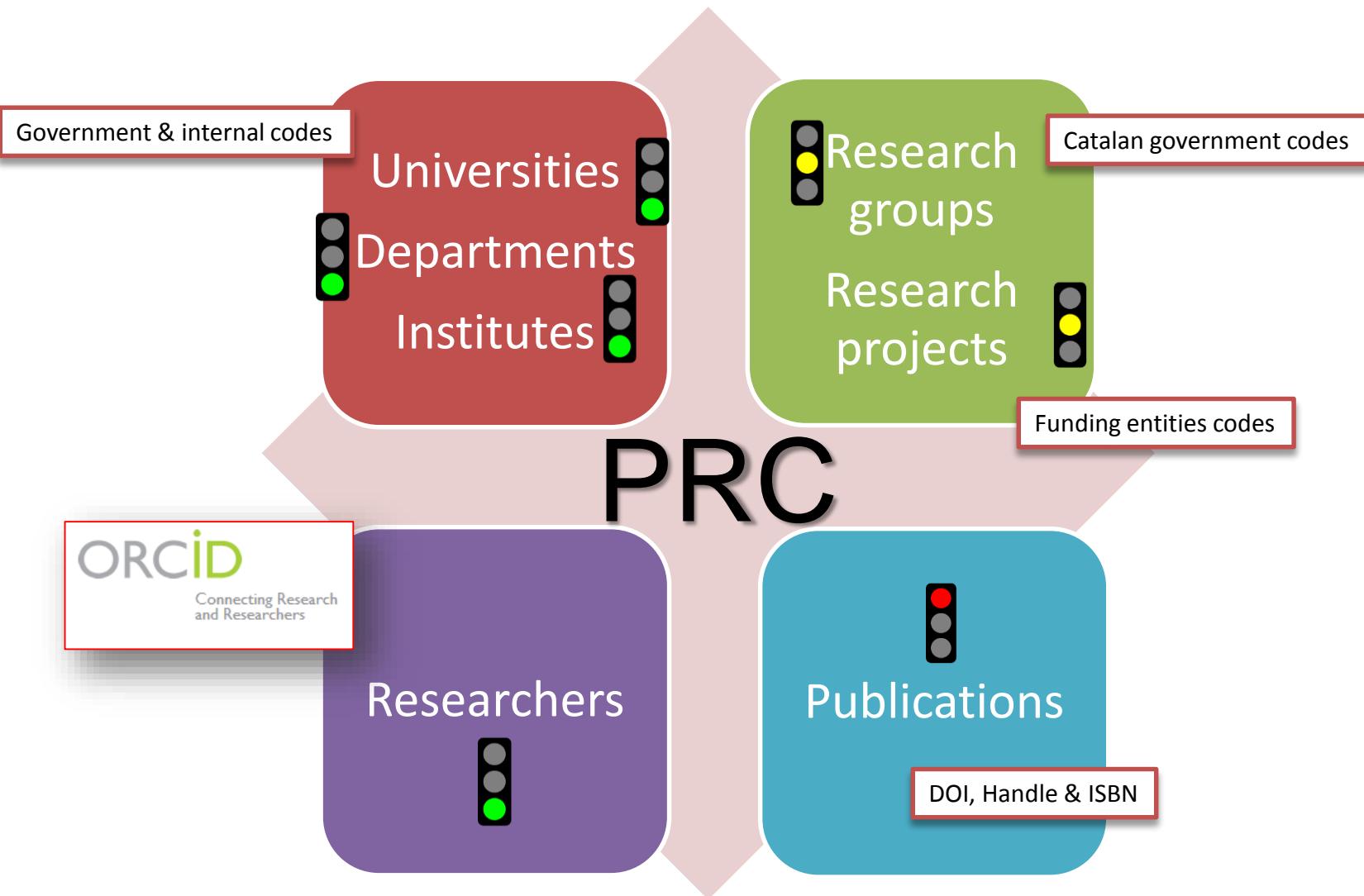
PRC with ORCID researchers

|	febrer	març	abril	maig	juny	juliol	22 juliol	29 setembre	19 octubre
UB				1.537	1.551	1.551	1.551	1.551	1.997
UAB			687	655	687	666	666	666	760
UPC	684	684	919	919	919	919	919	1187	1221
UPF			680	680	680	680	680	680	562
UdG				232	232	240	240	240	252
UdL					322	322	322	322	402
URV				55	55	179	179	179	252
UOC	136	136	136	186	186	186	186	186	206
URL				141	141	201	201	201	282
Uvic-UCC				181	181	175	175	175	158
UIC	81	142	142	142	142	142	143	143	144
Total	901	962	2.564	4.728	5.096	5.261	5.262	5.530	6.236

Data flow, protocols, sources and formats

Protocol: XLS files
Format: UNEIX defined

UNEIX

Universitas XXI   Other

DRAC

GREC

SIGMA

Protocol: OAI-PMH/SWORD
Format: DC

Local and consortia repositories. Mainly DSpace

Catalan government DataWarehouse

11 university CRIS systems (from 4 different vendors)

Protocol: OAI-PMH
Format: CERIF-XML

PRC

PRC. Based on Dspace-CRIS (CINECA)

CSUC
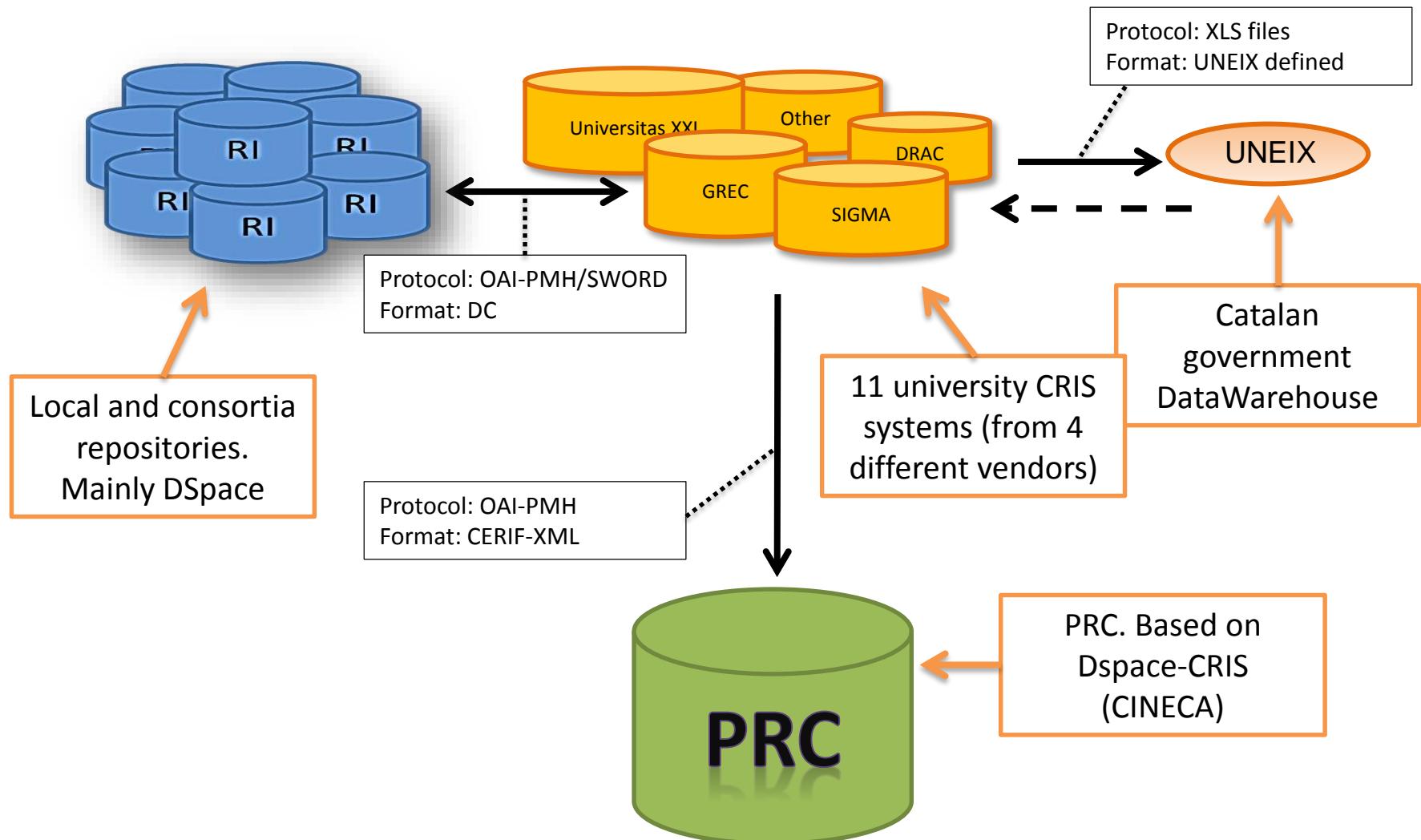
CERIF model
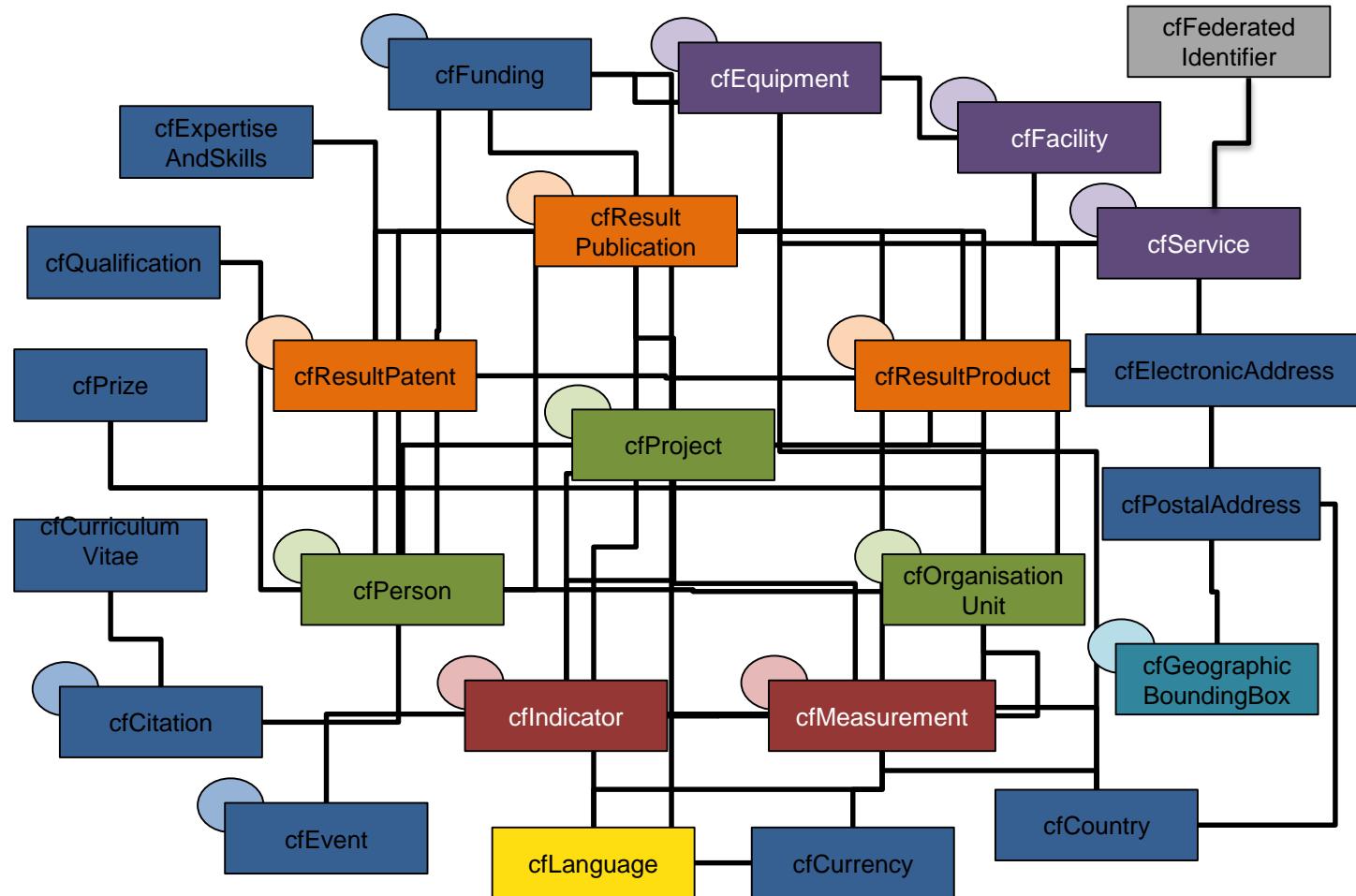
Simplification of CERIF for PRC
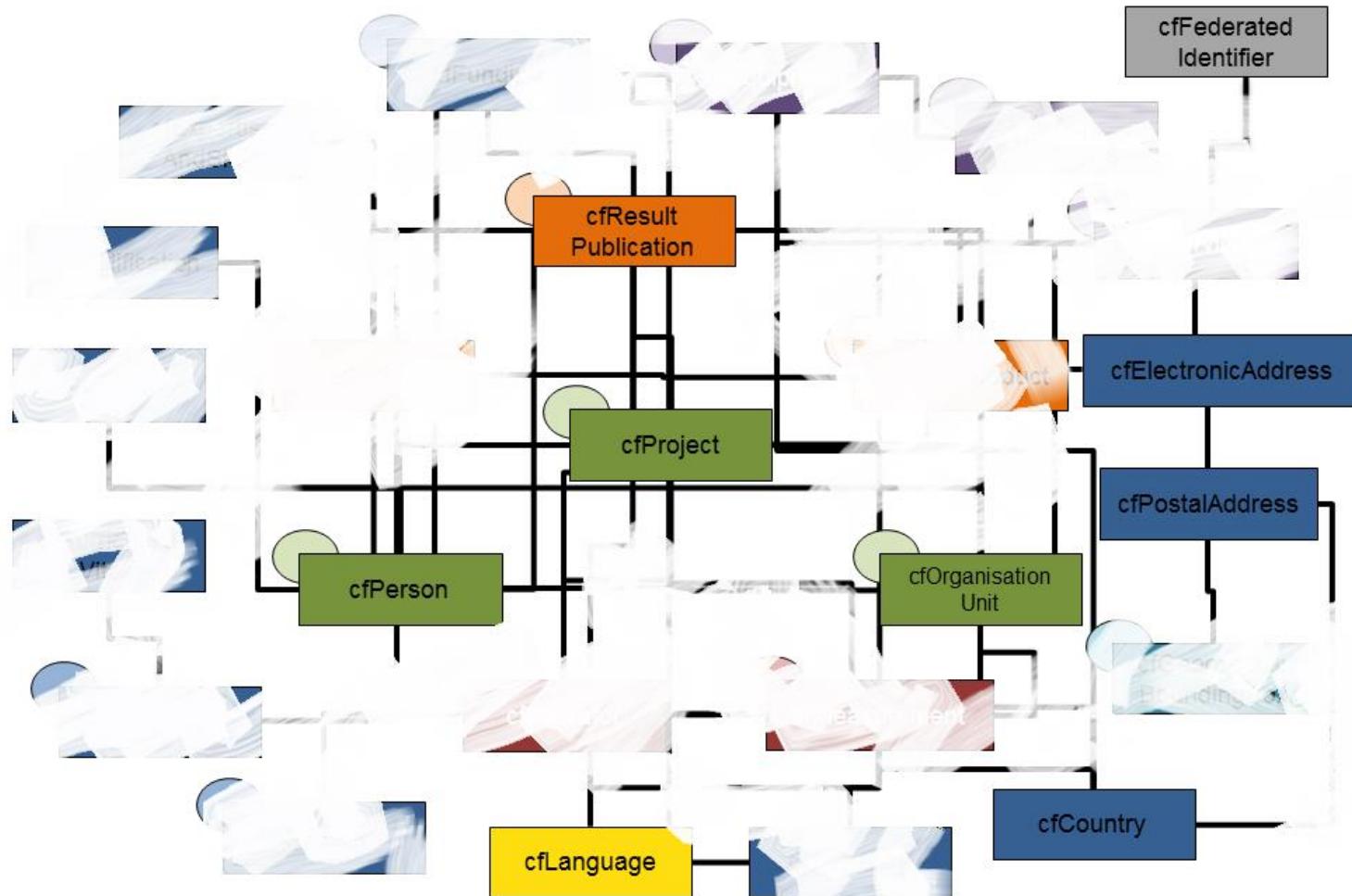
Simplified CERIF subset for PRC
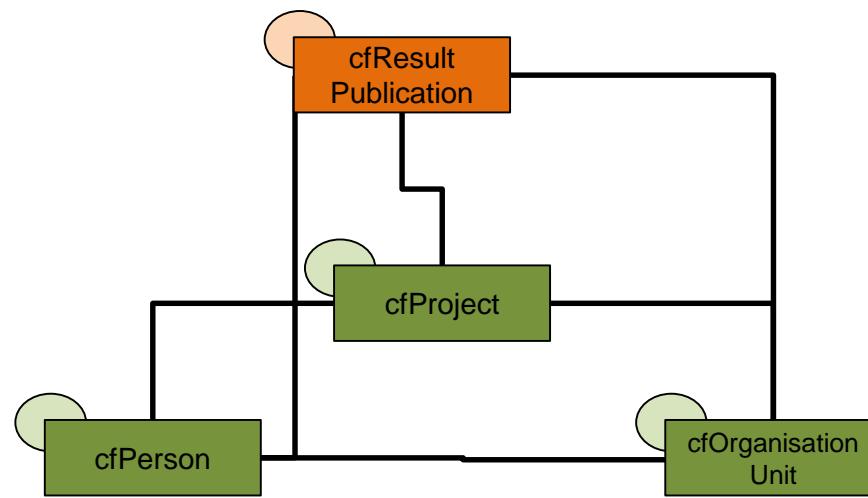
Researchers role in PRC
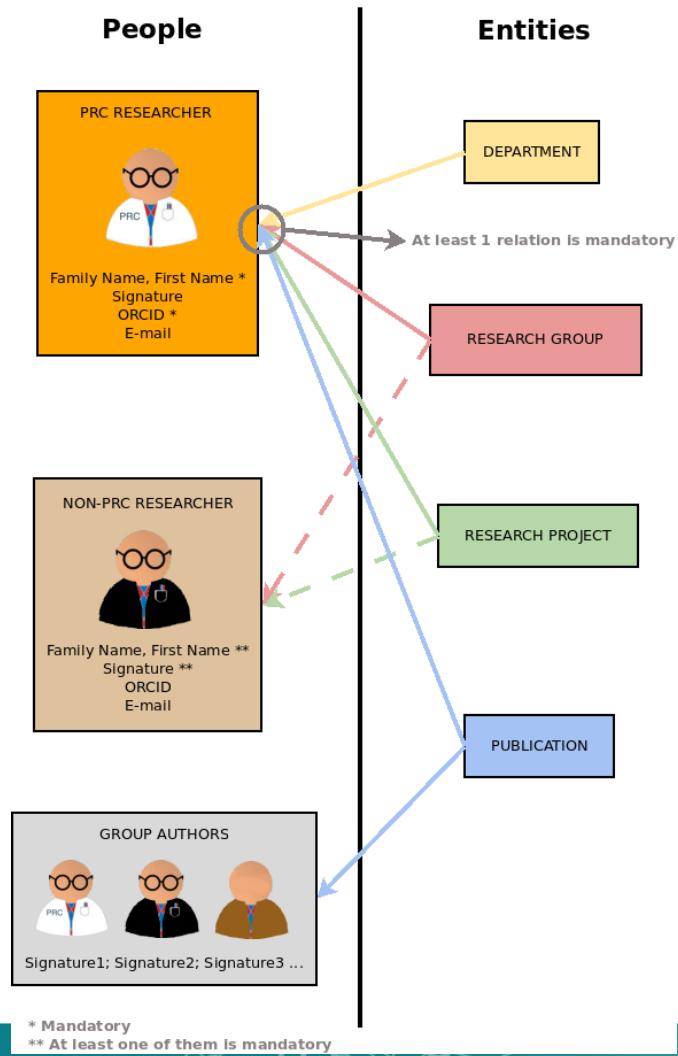
South European Link for Research Information Management

FCT|FCCN (Portugal)

GIVE

PTCRISync: ORCID Synchronization Framework

TAKE

CERIF Model | CERIF Services | CERIF REST API | CERIF OAI | DSpaceCRIS

CINECA (Italy)

GIVE

DSpace-CRIS | ORCID HUB | upgrades | roadmap

TAKE

ORCID Synchronization Framework | CERIF REST API | CERIF OAI

SELRIM

CSUC (Catalonia)

GIVE

CERIF validator | DSpaceCRIS early adaptor

TAKE

DSpace-CRIS | CERIF OAI

EKT (Greece)

GIVE

CERIF Model | CERIF Services | CERIF XML | CERIF REST API | CERIF OAI | upgrades

TAKE

Contribution

South European Link for Research Information Management

FCT|FCCN (Portugal)

GIVE
PTCRISync: ORCID Synchronization Framework

TAKE
CERIF Model | CE... | CERIF OAI | DSp...

CINECA (Italy)

GIVE
DSpace-CRIS | ORCID HUB | upgrades | roadmap

TAKE
... | CERIF REST API

CS...

GIVE
CERIF validator |

TAKE
DSpace-CRIS | CERIF OAI

...e)

...RIF XML | CERIF REST API | CERIF OAI | upgrades

TAKE
Contribution

South European Link for Research Information Management

Identified common interest topics to work on 2016:

1. Harvesting and sync info using OAI-PMH   (1st quarter)

2. CASRAI full academic CV express in CERIF xml   (2nd quarter)

3. Improving of data validation processes   (3rd quarter)

call for joining us !

Current status

- Portal built

- Data from all universities loaded

- All universities exporting in CERIF-XML

- Reviewing data quality before public opening
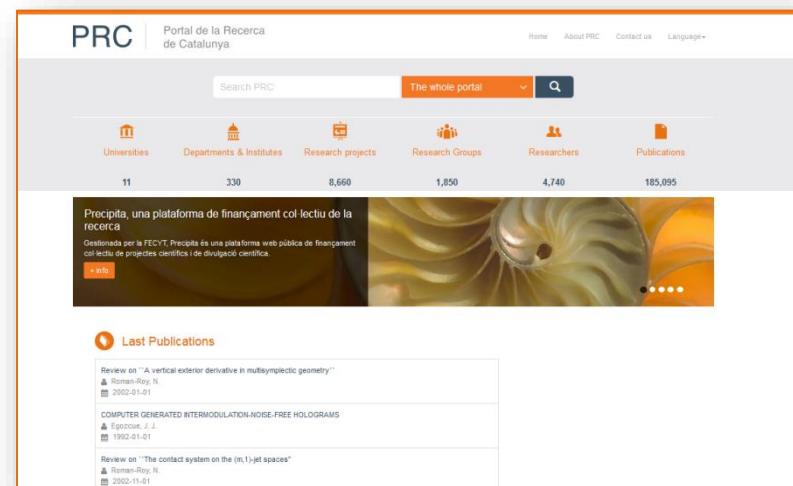
Cerca per...

A tot el portal ⌄   🔍

🏛
Universitats

🏛
Departaments i Instituts

🖥
Projectes de recerca

👥
Grups de recerca

👥
Investigadors

📄
Publicacions i tesis

11   380   24.494   1.349   6.218   302.977

Convocatòria: Ajuts a treballs de recerca en l'àmbit de la pau (R-ICIP 2014-2015)

L'Agència de Gestió d'Ajuts Universitaris i de Recerca (AGAUR) ha obert la convocatòria d'Ajuts a treballs de recerca en l'àmbit de la pau (R-ICIP 2014-2015).

+ info

🏷 Darreres publicacions i tesis

Economic and social convergence in Colombia
👤 Royuela Mora, Vicente
📅 2015

Influencia de las directrices litúrgicas del Concilio Vaticano II en la arquitectura de templos parroquiales de Barcelona
👤 DÍEZ CHUECA, MJ
📅 2015

Researcher's interest in the project

Lesson's learned:
Benefits of using CERIF-XML

- An european standard

- Strictly well defined specifications

- Groupwork: No fighting!

- Improvement of CRIS systems

Lesson's learned:
Dificulties using CERIF-XML

- Current CRIS systems were not compliant with it

- Complex (to understand, so to implement)

- Defined for an ideal scenario, but…
    - We have a lot of legacy data
    - Many "foreing" researchers (so not well defined)
    - Lack of identifiers in many entities (not CERIF's fault)

Next steps : roadmap

Step 5: go live

Step 4: CERIF-XML ingest

Step 6: CERIF-XML OAI-PMH ingest

Step 2: first batch load

Step 3: full batch load

Step 1: prototipe
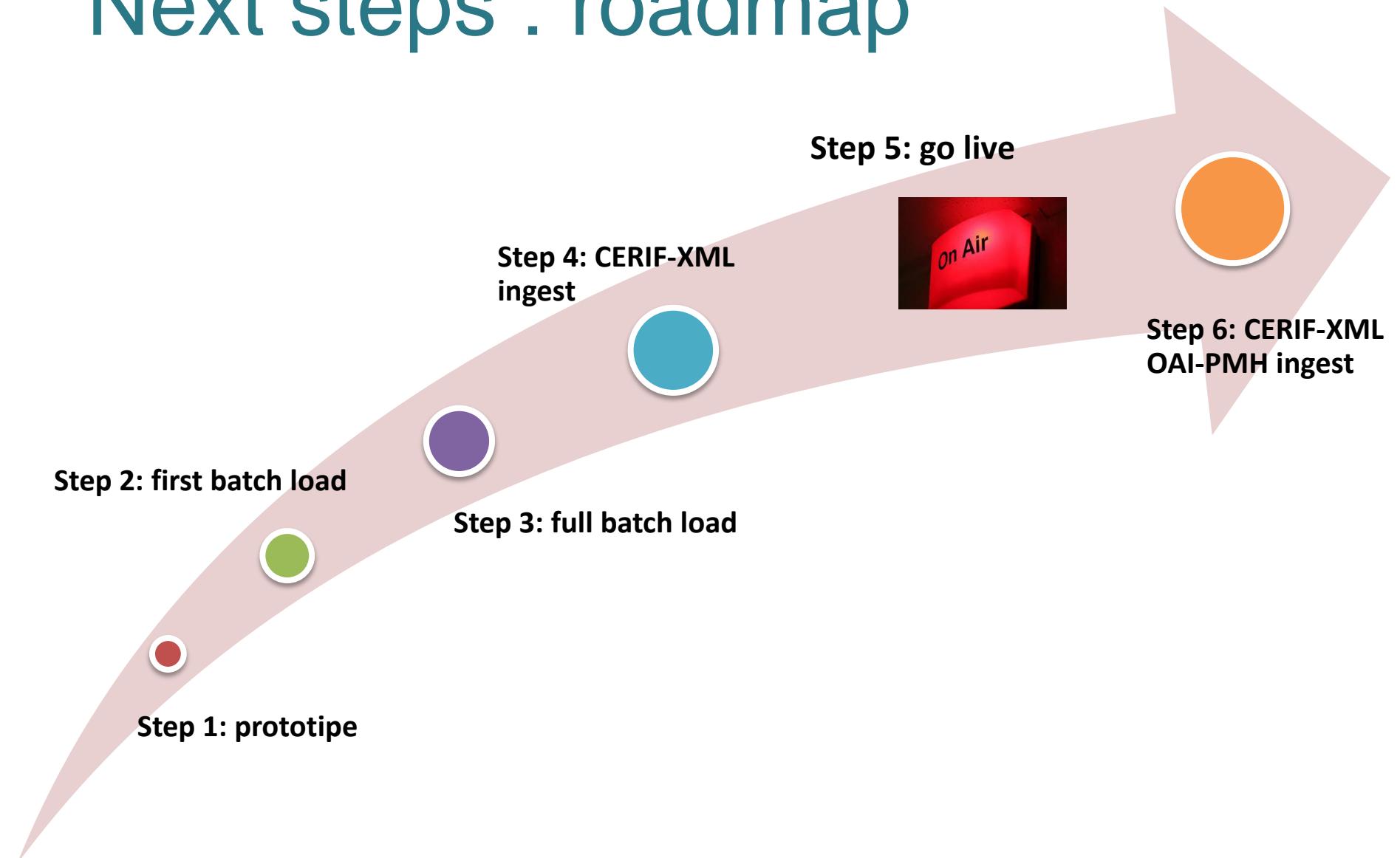
Next steps : what now?

- Go live!

- Improve data quality (avoid duplication)

- Expand the project to other research centers

Ramon Ros i Gorné

(CSUC)

ramon.ros@csuc.cat

http://www.csuc.cat