

Polish Scholarly Bibliography

A first year

A Bumpy road to a CRIS for Poland

Aleksander Nowiński
ICM, University of Warsaw

Situation prior 2011

- Ministry of Science and Higher Education has multiple databases...
- Data not interconnected nor cleaned
- Institutions submit a number of complex questionnaires each year
- Reports contain only aggregated data
- Hardly possible to cross-check or reuse the data



Image courtesy of scottchan / FreeDigitalPhotos.net

Project POL-on

- Country wide system for Polish Ministry of Science and Higher Education
- CRIS-like system
- Started in 2011
- Consortium: OPI, ICM and Index Copernicus International
- EU co-funded (structural funds)



KAPITAŁ LUDZKI
NARODOWA STRATEGIA SPÓJNOŚCI



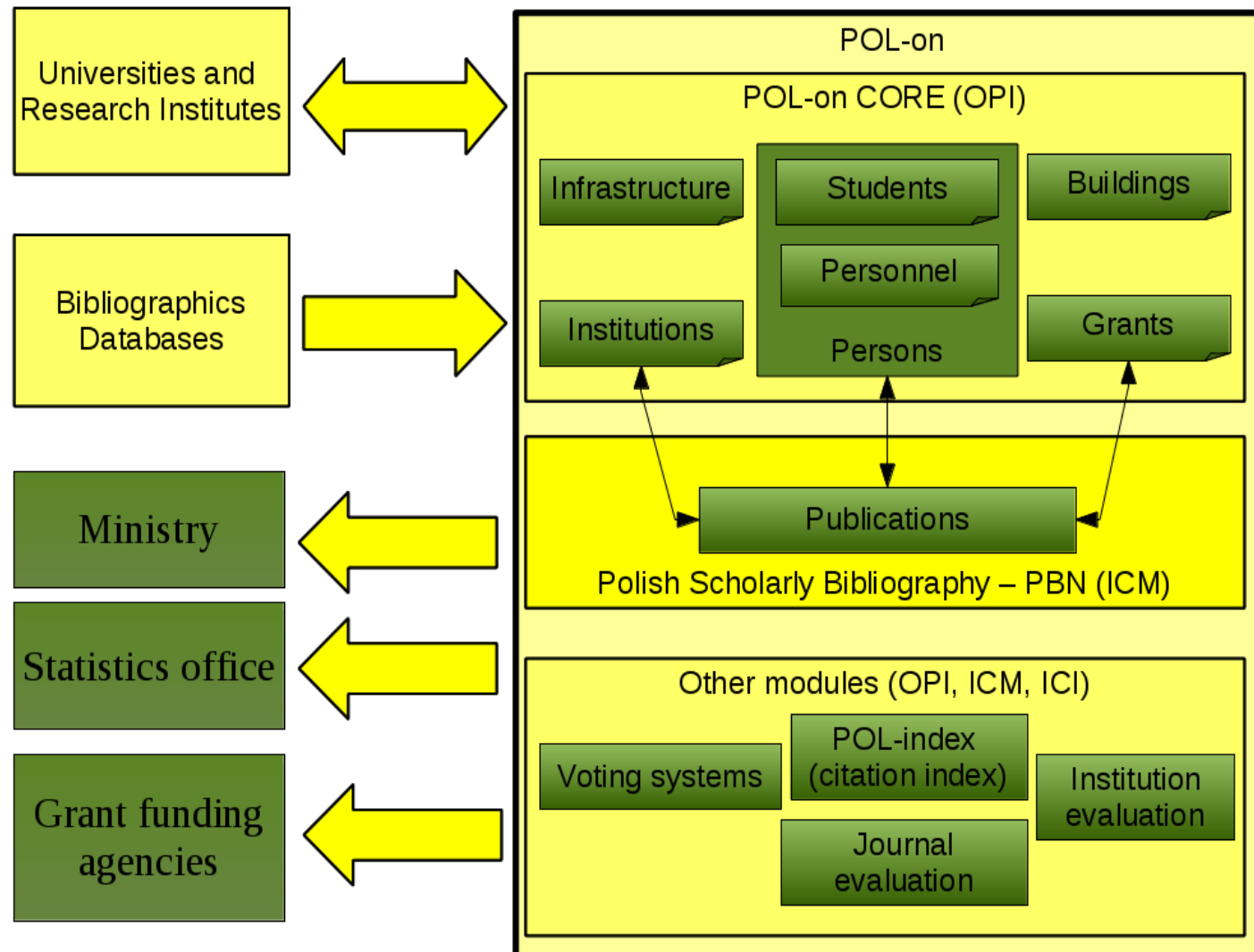
INDEX  COPERNICUS
I N T E R N A T I O N A L

 OPI
OŚRODEK PRZETWARZANIA INFORMACJI

POL-on structure

- Developed to support major reform of the science and higher education in Poland
- Covers more informations (i.e. Journal evaluation, students material support, etc.) than typical CRIS
- A lot of extra modules added (citation index, voting system etc.)
- Detailed (entity level) information
- Personnel identifiers based on national ID number (PESEL)

POL-on – the big picture



Role of Polish Scholarly Bibliography (PBN)

- A module of POL-on responsible for publication management
- Required for bibliometric analysis and scientific outcome evaluation
- Part of the CERIF relations between personnel/institutions and publications
- Responsible for journal evaluation as well*

Situation in Poland

- Only about half of the institutions have some information system for publications
- Most of the systems developed in-house
- No common metadata format
- No CERIF aware systems
- Bibliography systems hardly ever connected with other institutional systems (like HR or other) – problem with identifiers

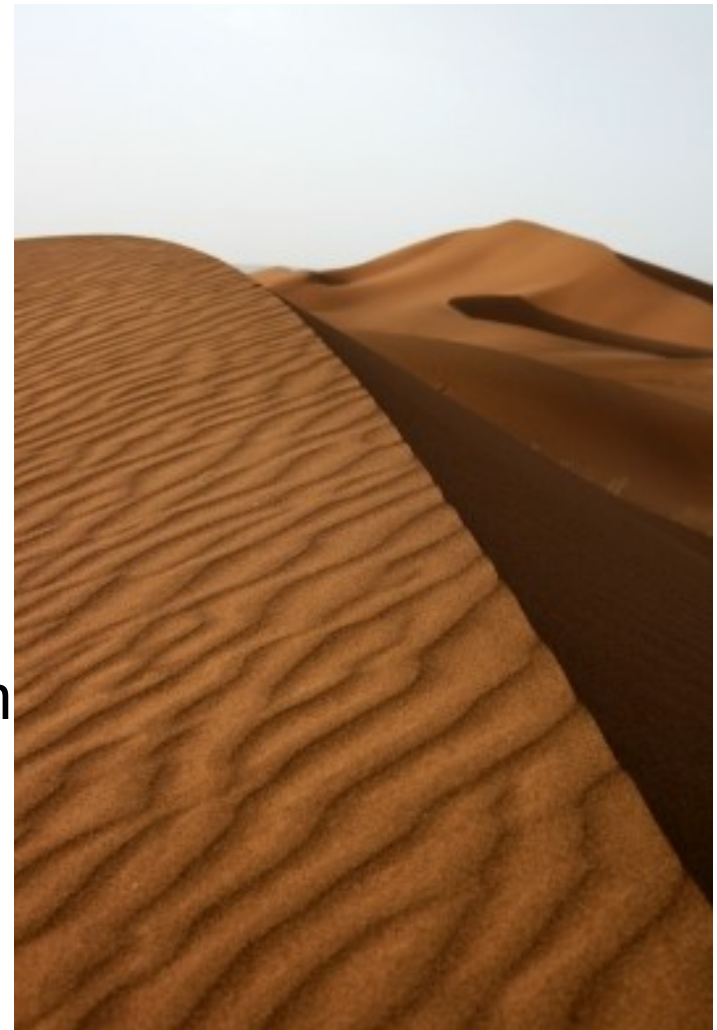
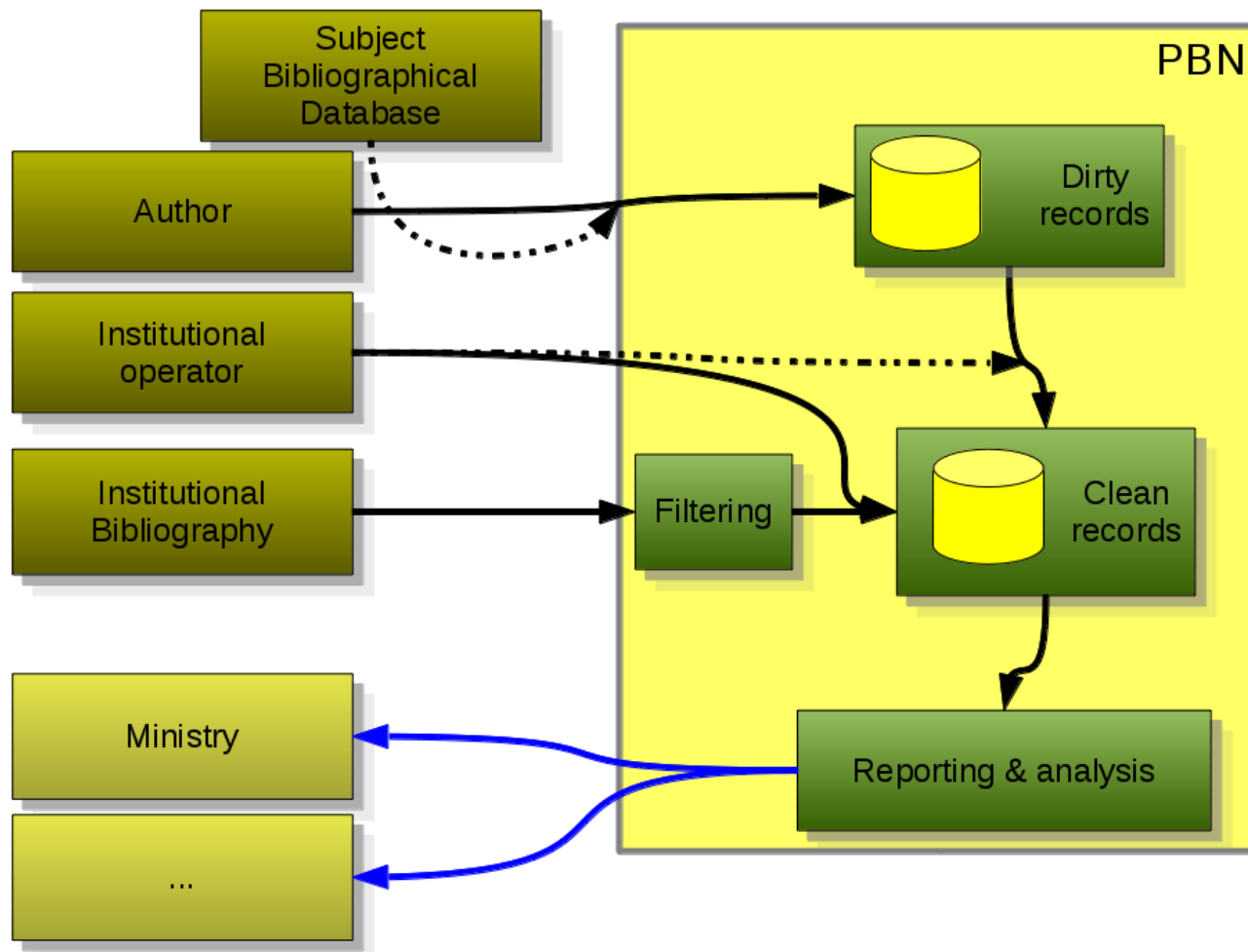


Image courtesy of James Barker / FreeDigitalPhotos.net

PBN - publications

- Extended bibliographic model - “First page” model
- Supports full-text upload (basic repository functionality)
- Institution bibliography managed by institution itself
- A platform to provide solution for smaller institutions to keep their bibliographic database

PBN data processing model



First years

- Officially started in November 2011 (*only a journal questionnaire section*)
- Real start (*publications*) – August 2012
- System still considered beta version
- Suitable for managing personal bibliography or bibliography of small institution
- Successfully tested during scientific unit evaluation (as additional data source)

Challenges

- Gathering the data
 - Institutional systems not prepared to export information - slow increase in numbers
 - Problems with common identification of institutions and personnel
- Problem with detailed process definition suitable for different workflows
- Problems with state regulations – not an easy cooperation with policy makers

Access to the data

- PBN created to make evaluation process more transparent
- Provides RESTful API to access publications
- OAI/PMH server
- Limited availability of the personal data
- Custom XML format for REST calls

Waiting for CERIF 1.5...

- PBN is only a part of the POL-on (rest is not CERIF compatible)
- Communication within POL-on by services (not transfer)
- First attempt – CERIF XML 1.3 (failure)
 - Problems with namespaces
 - Not a good model for single entity (required more than one XML to transfer single publication)
 - Hard to introduce extra parameters (first page model)

Perspectives

- POL-on proven to be a successful system resolving a lot of problems
- PBN is rapidly growing up - tends to be obligatory within a year
- Main resource of publication information for other government agencies
- POL-index (Polish Citation Index) just have been started as part of POL-on

Thanks!

Thank you for your attention...

Questions?