Using Current Research Information Systems (CRIS) to showcase national and institutional research (potential): research information in the context of Open Science and university marketing

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Structure

- Context: CRIS/RI and Open Science
- Country comparisons (IT, NL, DE)
  - Governance and sector differentiation
  - Quality control and performance monitoring
- Open Access policies
  → Link to CRIS use
- Discussion
Context: CRIS/RI and Open Science

Growing importance of RI & CRIS

External reporting and evaluation
Internal information processing/management
“Shop window”

Implementation
System Integration
Interoperability

Open Access
Open Data

Open Science discourse

Transparency
Visibility
Cooperation

...
Context: CRIS/RI and Open Science

- How do **national governance structures and policies** influence research institutions to pursue an integrated outreach strategy that aims to make available research information and/or research data to the general public or peers?
- Do these factors foster or inhibit the use of CRIS as part of **institutional Open Science policies** or strategies?
- What role do **CRIS** have in processing research information and data for the purpose of representing and showcasing university research?
Country comparisons (IT, NL, DE): Dimensions

1. Governance and sector differentiation
2. Quality control and performance monitoring
3. Open Access policies
   → Link to CRIS use
1. Governance and sector differentiation

**Italy**
- Top-down central governance
- Little differentiation
- Strong horizontal communication and coordination networks through the Italian rectors’ conference (CRUI)

**The Netherlands**
- Diverse HE and research sector
- Centralized, consensus-oriented governance structure
- Rich “intermediary layer “(e.g. VSNU, KNAW)

**Germany**
- Diverse HE and research sector with moderate differentiation
- Decentralised governance mostly at state level
- Important intermediary bodies include Rector’s Conference (HRK) and Council for Science and Humanities (WR)
2. Quality control and performance monitoring

**Italy**

- Research quality assessment (VQR-ANVUR)
  - Since 2004 (VTR)
  - Publication-based
  - ~20% of public funding
  - CRIS convergence (IRIS by Cineca)
2. Quality control and performance monitoring

The Netherlands

- VSNU protocols since 1993
  - Disciplinary evaluation system
  - Part of VSNU's information policy
  - CRIS development

- Standard Evaluation Protocol (SEP) since 2003
  - Joint development by VSNU, KNAW, NWO
  - Drop of disciplinary focus

- National research portal (NARCIS)
2. Quality control and performance monitoring

**Germany**
- No national evaluation scheme
- “Research ratings” by Council for Science and Humanities
  - Discipline-level assessment
  - Informed peer review
  - Research Core dataset (RCD)
- Excellence strategy
3. Open Access policies

**Italy**

- Regulated by law (2013)
- CRUI recommendation for OA implementation
- Institutional OA policies in IRIS
3. Open Access policies

The Netherlands

- OA policy by State Secretary for Education, Culture and Science (2013)
  - Switch to Gold OA by 2024
  - International cooperation
  - Subscription deals and OA monitoring (VSNU)
  - Regular OA reporting
  - *Mandatory if targets not met*

- NWO: funding requirement (2015)
- National OA plan (2017): 100% OA in 2020
3. Open Access policies

Germany

• Early engagement, various support structures
• Soft institutional/funder OA policies
• Open Access Strategy (BMBF, 2016)
• National OA strategy: OA mandate?
4. Linking CRIS and OA policy

**Italy: convergence**

- Strong government incentive to implement IRIS
- Includes OA repositories
- Design and RI definitions follow VQR
- OA policy implementation based on law
- CRUI recommendations
4. Linking CRIS and OA policy

The Netherlands: mutual reinforcement

- CRIS firmly established in SEP evaluations
- Foundation for national and institutional OA policies
- National OA monitoring by VSNU, CRIS only
- CRIS and repositories integrated in national research portal
- Soft vertical/strong horizontal coordination
4. Linking CRIS and OA policy

**Germany: heterogeneous situation**

- Different stages of CRIS implementation
- Little horizontal coordination (Exceptions: state initiatives, Leibniz, Fraunhofer)
- Council recommendations (Research Core Dataset, CRIS)
- No national OA mandates yet
- 40% of universities have OA repositories
Thank you for your attention!