Cristin in the Norwegian research landscape

euroCRIS membership meeting
Espen Sandøe Karlsen
Unit – The Norwegian directorate for ICT and Joint Services in Higher Education & Research
Talking points

• Cristin

• What’s new
  • New platform for searching, registering and editing
  • New and updated REST-API
  • DUCT: timesaver on many levels

• Work in progress
  • National repository
  • Reuse of data - need for authoritative registers
  • New indicator for clinical health trials
Cristin

• One national system
• Accessed locally through institutional login
• Collaboration on the same meta data post
• Super users at each institution responsible for correct and complete registration of all scientific publications
Norwegian publication indicator

<table>
<thead>
<tr>
<th>Publication type</th>
<th>Level 1</th>
<th>Level 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monograph</td>
<td>5</td>
<td>8</td>
</tr>
<tr>
<td>Article in periodical or series</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>Article in anthology</td>
<td>0.7</td>
<td>1</td>
</tr>
</tbody>
</table>

• Multiplier for international collaboration
• Possible changes in the indicator
  • Introducing incentive for open access publication?
More than scientific publications

130 (206) member institutions (2019)
What’s new?

- New application
- New REST-API
- New API-integration with the register for scientific journals
- Development of new indicator for clinical trials
- National repository

- New member institutions
  - ABM-sector
  - Statistics Norway
  - Norwegian geological survey
  - Norwegian Polar Institute
  - Simula Research
Cristin/Cristin 2

Current web application is being rewritten
Goals: More time for research & more efficient research administration

✓ Phase 1: New search engine and layout: show results, projects and people
✓ Phase 2: Register and edit results + REST API for results
• Phase 3: Report scholarly publications
• Phase 4: New import functionality for publications
• Phases ++
New and updated REST-API

- Lists of publications for local website
- Reporting to the research council
- REK (regional ethical committees)
- Real time data
You’ve made Crist-IN, now make Crist-OUT

- «DUCT» (Data from Cristin using Tableau Server)
- Timesaver on many levels!

60+ institutions in all sectors have access to
- standardized reports & visualizations
- create custom reports based on the data sources in DUCT

In addition:
- Ad hoc data deliveries from Cristin
- API-service

Use cases:
- NVI-monitor
  - During control: check-lists, progress, data quality etc
  - Easy access to reported NVI-data
- OA-monitor

- Increased demand for more (and more) standard reports and visualizations
OA-monitoring in DUCT

Total

Status Open Access - Prosentfordeling antall publikasjoner
Det vises prosentandel av selskapet mengde av publikasjoner per år.
Open access status måles for vitenskapelige artikler (G701)
"Ikke relevante poster" i denne sammenhengen er monografier og antologikapitler
Med "depositier" mener poster som er lastet opp til arkiv via Cristin av mindre enn en av de deltakende institusjonene på posten.

Financed by RCN

Status Open Access - Prosentfordeling antall publikasjoner
Det vises prosentandel av selskapet mengde av publikasjoner per år.
Open access status måles for vitenskapelige artikler (G701)
"Ikke relevante poster" i denne sammenhengen er monografier og antologikapitler
Med "depositier" mener poster som er lastet opp til arkiv via Cristin av mindre enn en av de deltakende institusjonene på posten.
Work in progress - National Repository

• A strong need for a national repository in Norway
  • Funding for a pilot project in 2019

• From Plan S:
  1. *Publish in Open Access journal or platform*
  2. *Deposit in a Plan S compliant repository and make available immediately*
  3. *Publish in subscription journal under transformative agreement*
Future possible outcome: three key elements for research services

Data storage service

- NSD data repos
- DataverseNO
- BIRD
- NMDC
- m.f.
- NIRD
- TSD

New service for fulltext publications

- OJS
- National Repository
- Alma
- Licence agreements/Edvarda
- Bare

Hub for metadata about research

- Cristin

Publication channels

- RCN Mitt nettsted

Health analytics

- REC

eApplication/eReport

- helsenorge.no

Future possible outcome: three key elements for research services

- New service for fulltext publications
- License agreements/Edvarda
- Hub for metadata about research
Need for master data sources

- For:
  - Projects
  - Persons
  - Organizational units

- Improved flow of metadata = reduced manual work
- Increased quality of data = reduced scope for (manual) quality assurance
Work in progress - Reporting on clinical trials

- **Strong political signals** for more clinical trials and to give more patients the possibility to participate
- Ministry of Health and Care Services wishes to introduce an indicator that contributes to this goal
- This would for the first time make visible the extent of clinical trials and the number of patients recruited
- Unit Coordinates this reporting based on data from REC (in the future through Cristin)
Work in Progress - Integration with REC

• Import approved health projects from REC (since 2017)
  • Fulfill legal requirements easier
  • Recruit patients for clinical studies

• [https://app.cristin.no/projects/show.jsf?id=569953](https://app.cristin.no/projects/show.jsf?id=569953)

• Ongoing reporting: Report clinical trial based on data from Cristin/REC
Questions?

• espen.karlsen@unit.no