Measuring hit rate for research funding

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Infotool Sweden
Partner of Dimensional Insight
Case study on how...

- Data management
- Dashboarding

have helped to streamline the process of research funding at Malmö University.
Malmö University in numbers

- Founded in 1998
- 24,000 students
- 2,006 employees
- 77 professors
- 428 doctoral-level teachers
- 252 PhD students
- 100 degree programmes and 350 courses
- 500 international peer-reviewed articles
- 1.6 billion SEK turnover (2018)
Malmö University

Five faculties:

- The Faculty of Health and Society
- The Faculty of Culture and Society
- The Faculty of Education and Society
- The Faculty of Technology and Society
- The Faculty of Odontology
Five research centres:

- Biofilms – Research Center for Biointerfaces
- Centre for Sexology and Sexuality Studies
- Centre for Work Life and Evaluation Studies
- Malmö Institute for Studies of Migration, Diversity and Welfare
- Internet of Things and People Research Center
Challenge
Former internal process - applying for research funding

- Form for application
- Printout
- Fill in manually
- Signing
Former internal process - applying for research funding

Challenges

• Data not available for analytics as it was stored on individual printed forms
• Data management and data quality issues with manually filled in forms
Solution –
Digitalize part of the process using

- Software from Dimensional Insight
  - Data Management
  - Dashboarding

- Configuration by
  - Malmö University in collaboration with
  - Infotool Sweden
Solution
New internal process - applying for research funding

All applications presented digitally
Fill in form digitally
Printout
Signing
Start page
– all collected applications is shown
Registre new application from start page
Fill in form digitally
Only correct forms can be printed...
Only the responsible economist can print
Printed form for signing

- Standardized printed form with all required information
- Responsible for signing and authorizing applications has solid information for a correct decision
- Much more efficient and flexible to keep the process of signing a paper instead of having a digital signing solution
Results

• The internal process for research funding is streamlined with:
  – Great time saving effects
  – Easier decision making having all necessary information available in a standardized format
  – Better information management with all applications available digitally for the whole organization

• All applications for research funding from 2018 and onwards is available with consistent data quality and excellent for data analytics

• Possible to measure hit rate for applications
Results – dashboard measuring hit rate for applications

### Resultssträckning

<table>
<thead>
<tr>
<th>Kostnadsgrupp</th>
<th>Utfall</th>
<th>Budget</th>
<th>Budgetavvikelse</th>
<th>Utfallering år</th>
<th>Prognos belopp</th>
<th>Budget belopp</th>
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</thead>
<tbody>
<tr>
<td>Initier av anställning</td>
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<td>21 086</td>
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<td>21 701</td>
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<td>3 479</td>
<td>-1 937 ▼</td>
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<td>554 ▼</td>
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<td>3 326</td>
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### Måndagsarbetskraft

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<th>Budget belopp</th>
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</table>

### Produktionsättning

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<tr>
<th>Produktion per kalenderår, mln</th>
<th>Helårsstudent per kalenderår</th>
<th>Helårsprestation per kalenderår</th>
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### Forskningsansökningar

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<tr>
<th>Antal anmälanget</th>
<th>2019-04</th>
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<td>Antal avvisade</td>
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<td>Jfr med samma period föregående år</td>
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