Taking control of our data

Our road towards a data-driven organization and better data governance

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TU/e collects a wide range of (education) data, in a range of applications.
2030 strategy: be a data-driven organization that is in control of its data

Initial scope: service organization
Growing data maturity within University’s service organization will contribute to the three goals as listed below. Accompanied by a TU/e-wide data governance strategy and roadmap.

**WHAT?**

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<th>Be compliant</th>
<th>A controlled and safe data environment, compliant to data regulations and legislation</th>
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<tr>
<td>Improve operations</td>
<td>Optimize and improve business operations and core services across functional chains, based upon data and intelligence (Do more with less, do things better)</td>
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<td>Improve business decisions</td>
<td>Improve the quality of decision-making process based upon data and intelligence, from operational to strategic level</td>
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HOW/WHAT ARE WE DOING?

- Data Maturity Scan
- Data Compliancy Scan
- BI portal with automated data reports
- Register of processing activities
- Ensuring processing agreements are set up for all applications in use
- Defining retention periods, and implementing processes for compliance
- Common Data Matrix
- Fixing data quality issues
- Monitoring framework for data quality
- Architectural principles
- Assessment framework for LTI-tools in Canvas
- And, and, and…

*DAMA DMBOK® Data Management Body of Knowledge*
Assessment framework for LTI-tools in Canvas

**Before**
Criteria for integration focusing on:
- Functionality
- Technical aspects
- Easy activation

**Future**
Assessment framework for integration of tools in Canvas.
Our assessment framework will likely focus more on:
- Correct integration and configuration
- Stricter requirements for TPs, e.g. in terms of documentation to be provided in advance
- More information required regarding the impact on processes from TPs before a tool is purchased or integrated
- IMS vetting and certification becomes an integral part
It’s a long and windy road...

...and there’s plenty of work to do before 2030!