Research-IT program

Contents and approach
Secure storage
Sharing data
New technology
New regulations
Privacy
Integrity
FAIR
Open Science
Service and tools in silo’s
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Goal is to enable research

“To set up an easily accessible and sustainably service that facilitates research on human subjects by providing the researcher an IT infrastructure and expertise on research data”
How

- Build on existing tools and expertise
- Provide services efficient, safe and sustainable
- Rationalization of data management and IT services
- Better and more efficient use of research data
- Create user groups / involvement of end-users
- Verify new and improved services/tools
- Service portfolio based on freemium model
Service portfolio: DRE

- **Electronic Lab Journal service**: capturing research experiments in the laboratories
- **Research Workspace**: secure access to the data, analyze/process data, working together
- **Data linkage service**: compliant with privacy and security legislation (participant, patient, data)
- **Data Storage and Archiving services**: including data exchange and data access functionalities
Service portfolio: DRE

- **High Performance Computing**: provide large-scale computing facilities
- **F.A.I.R. data catalogus**: promote reuse of datasets, support scientific replication
- **Application services**: data management facilities based on data classification, decision tree, best practices, procedures
Service portfolio: support

- **Data Science and data management consultancy;** complexity of data management / data integration is increasing (big data)
- **Training and instruction materials;** intake procedures (support the researcher), maintenance of infrastructure and application services, helpdesk support, workshops, how to get access
- **Expert networks;** provide valuable assistance
Planning: centralized access

Now: Electronic Lab Journal, Data Storage, Research Workspace, Data Linkage, Data Catalog, High Performance Computing facilities

2018: Application services, Data Science / Data Management Consultancy, Further Developments service portfolio
Research toolbox

- Go to intranet UMCG
- Use the information in the toolbox
Research toolbox : already available

- Prepare data management activities
- Select a proper data management infrastructure
- Implement structure in your data lifecycle
- Using preferred data formats
- Tools and services for transport of research data
- ...
- <more information becomes available soon>
Research Data Office

- One entrance for research data support; researchers and institutes of RUG, UMCG in collecting, storing, presenting data
- Provides advice on research data management plans for funding proposals
- Get in touch with the expert network (data domains)
- Questions about what is already available
Information / feedback

Help us to shape the program towards your needs!

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Portfolio market : @blauwe patio
www.umcg.nl