Radboud University Medical Center
Paving the way for asset sharing

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- Nijmegen, The Netherlands
- Mission: “To have a significant impact on healthcare”
- Strategic focus on Personalized Healthcare through “the patient as partner”

Core activities:
- Patient care
- Research
- Education

- 11,000 colleagues
- 52 departments
- 3,300 students
- 1,000 beds

Radboud campus:
- RadboudUMC
- Radboud University
- Hogeschool Arnhem Nijmegen
- Max Planck Institute
- Multiple companies
Why asset sharing?

- Efficient usage of current assets:
  - Pooling of equipment
  - Track & Trace to reduce equipment

- Increase utilization of equipment:
  - Sharing of capacity within the organization
  - Sharing of excess capacity outside the organization

- WEconomy and sustainability

- Estimate savings between 10-15% Medical Technology (back in 2016)
RadboudUMC Technology Centers

*Internal / external role*

- Knowledge hub for technological expertise
- Maximise use of available technical capabilities and knowledge
- Advise scientists with technological expertise
- Advise management on strategic investments and opportunities
- Drive innovations by working with each other, research theme’s and Valorisation

**Internal role**

**External role**

- Easy access to Radboudumc’s technological expertise
- Represent Radboudumc as one in external technology networks
- Increase funding (grants, contract research)
Visibility

- Logo
- Key figures
- Website
- Leaflets
- Lectures

www.radboudumc.nl/research/technologycenters/

(1H2015: 1,900 unique visitors, 26,000 page views)
Users Radboudumc Technology Centers

- Internal researchers (often with external collaborators)
- External researchers (direct collaborations, public-private)
- External fee for service (public-private)
Pilot ‘asset sharing’ with FLOOW2

- A dedicated team (7) is responsible for the pilot:
  - Manager of one of the Technology Centers
  - Medical technology expert
  - Senior communication consultant

- Monthly briefings using management reporting tools:
  - Overview of all items, traffic, views and logins
  - Traffic and views per item
  - Response per item
  - Sold or removed items
Start small

• One account including all 19 RTC’s, meaning:
  • Description of the RTC
  • Information of what the RTC offers (general)
  • Contact information

• Potential to grow:
  • One account per RTC
  • Detailed description of all services per RTC
  • Specific contact details
Objectives and target

- *Estimate savings between 10-15% Medical Technology (2016)*

- For now:
  - Increase traffic by 25% (475 unique users)
  - Assess demand
  - [X]% increase in utilisation (depending on available management info)
  - Feasibility and capacity planning
  - Minimum turnover to cover pilot costs

- Target audience:
  - Researchers and experts in the field
  - External companies
  - Students and PhD’s
  - Internal market
Radboudumc Sharing Marketplace

This unique Sharing Marketplace enables us to share demand and supply of our own equipment, facilities, services, surplus stock and the knowledge of employees.

We strongly believe sharing our assets and optimizing usage of our existing capacity is an important step in becoming a sustainable, future-proof hospital.

Our Technology Centers are taking the lead by making their facilities, skills and knowledge transparent, so that internal as well as external partners can find them for collaborations.

Feel inspired? Sharing can take many forms. Do you have equipment standing unused? Have an idle consultation room? Burdened with excess stock? Perhaps you have particular knowledge or skills that will be of value elsewhere in your organization? Or perhaps you are looking for something you either only need on a temporary basis, or are looking to make savings in purchasing? Make it known to your colleagues through Radboudumc’s marketplace!

Register
Radboud Biobank
The Radboud Biobank collects, stores and manages biomaterial and the matching clinical data for the Radboudumc. The Radboud Biobank offers sub-biobanks an infrastructure...

Location: Nijmegen, Radboudumc, Nijmegen-Midden, Nijmegen, Nederland

Imaging guided treatments
This technology center offers unique consulting services and expertise to incorporate newly developed medical technology innovations and accelerate their success...

Location: Nijmegen, Radboudumc, Nijmegen-Midden, Nijmegen, Nederland

Investigational medicinal products
The Investigational Products Technology Center enables development, validation and production of IMPs according to European regulations, in order to facilitate investigator...

Location: Nijmegen, Radboudumc, Nijmegen-Midden, Nijmegen, Nederland

Mass spectrometry
The Technology Center for Mass Spectrometry offers high-level expertise in bioanalytical mass spectrometry combined with in-depth knowledge on biomedical and clinical...

Location: Nijmegen, Radboudumc, Nijmegen-Midden, Nijmegen, Nederland

Health economics
The Center for Health Economics provides a unique opportunity to assess economic viability of healthcare innovations at an early stage of development. The Center for...

Location: Nijmegen, Radboudumc, Nijmegen-Midden, Nijmegen, Nederland
It might take some time...

- The first talk with FLOOW2 was in 2014...
- Getting started in March 2016
- Launched May 2017, last Monday
Lessons learnt

• Key lessons:
  • Get everyone on board with the ‘Why’?
  • Involve experts on your team with the know-how
  • Communicate and keep communicating...
  • Have a dedicated team
  • Have a plan

• Upcoming year:
  • Monitor traffic
  • Optimize marketplace RTC’s
  • Expand to different units (tbd)
  • Targeted communication