

TOMi in practice

Presentation in the context of
High Tech meets Health 15th
june 2017

By Tessa Fuhring
quartermaker TOMi

The logo for TOMi, featuring the letters 'TOMi' in a bold, white, sans-serif font. The 'T' and 'O' are uppercase, while the 'M' and 'i' are lowercase. The 'i' has a distinct dot. The text is centered within a solid red rectangular background.

TOMi

TOMi

Therapie Op Maat instituut.
Tailoring of Medicine
(Precision medicine institute)



Ziekte/Gezondheid → **Groepen mensen** → **Individen** →
Health Technology / Devices → **Data** → **Informatie** → **Kennis** →
Innovatie → **Implementatie** → **Verbeterde zorg + Nieuwe Bedrijvigheid**



TOMi is the institute where knowledge, innovative products and services about tailor made therapy are gathered.

‘If we don't execute what we already know, it's a scandal’
Sir David Lane (1952)

The steering committee consists of the following members:



Brabantse Ontwikkelings Maatschappij



Our goal is:

To implement TOM innovations in North Brabant as quickly as possible.

Co-operating top-medical education hospitals(STZs)
regular hospitals and care institutions



**Patient & doctor
central**

Companies

Educational institutions

Why regional?

- Begin small (regional) with feasible projects.
Begin small, make it happen and expand.
- Five co-operating top-medical education hospitals
- A graduate school for data sciences (a collaboration between two Brabant universities) JADS
- Innovative SME's
- Big companies like EPIC, Philips, SAP and so on

The Vision of TOMi

- TOM becomes the healthcare standard for every individual patient
- With TOM good forecast of the therapy outcome comes first for the individual patient
- The decision which therapy will be used is based on the individual characteristics of every patient

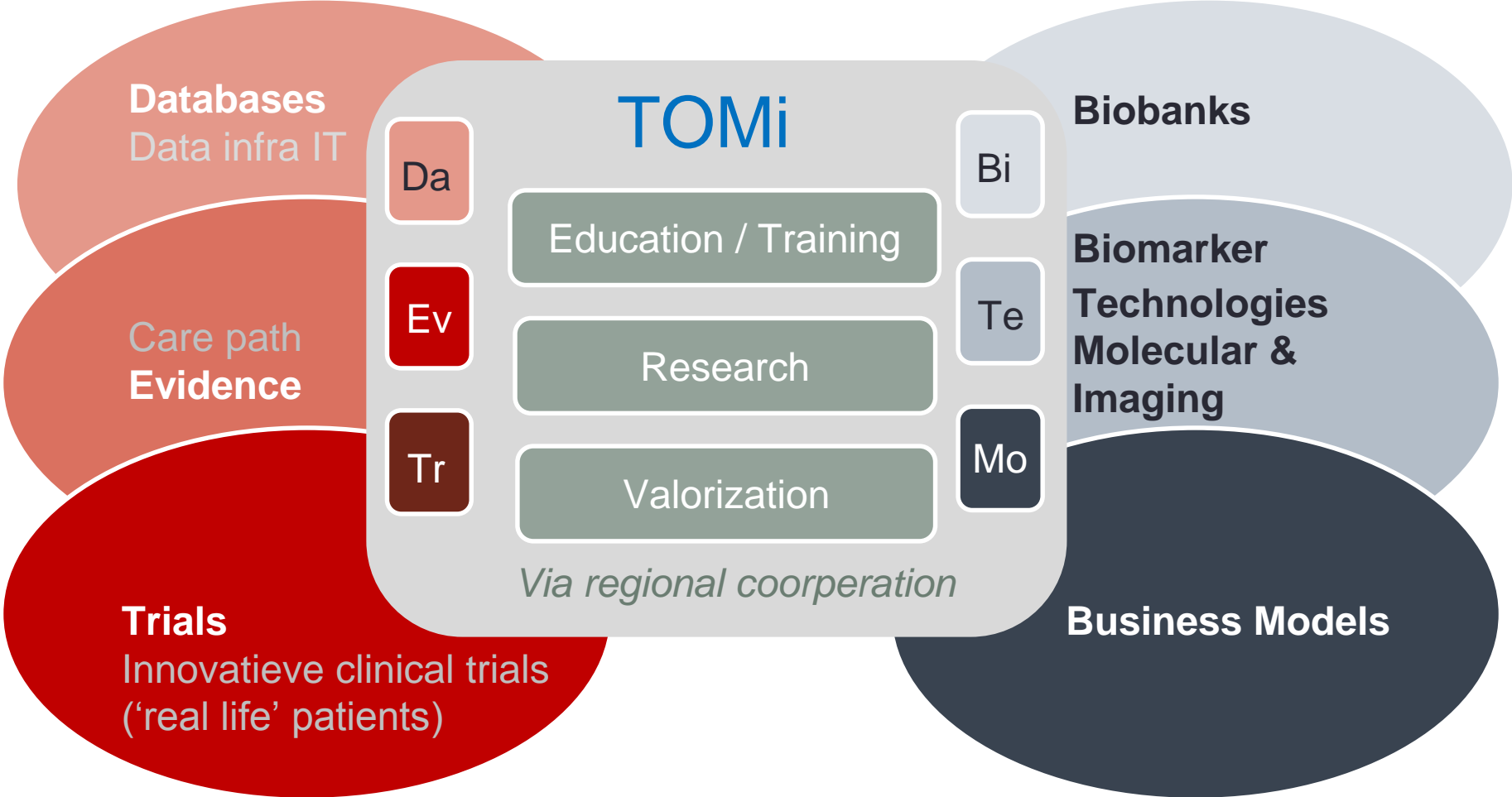


TOM goals for 2017

- Nominate workgroup leaders and create working groups
- Inventory (vision, goal, result ..) per working group
- Expanding of working groups with relevant parties to come to workable co-creation projects.

Patient & Care professional

Supportive (health) care



BBMRI Biobanking and
BioMolecular resources Research
Infrastructure

Legal

Data exchange

Data storage



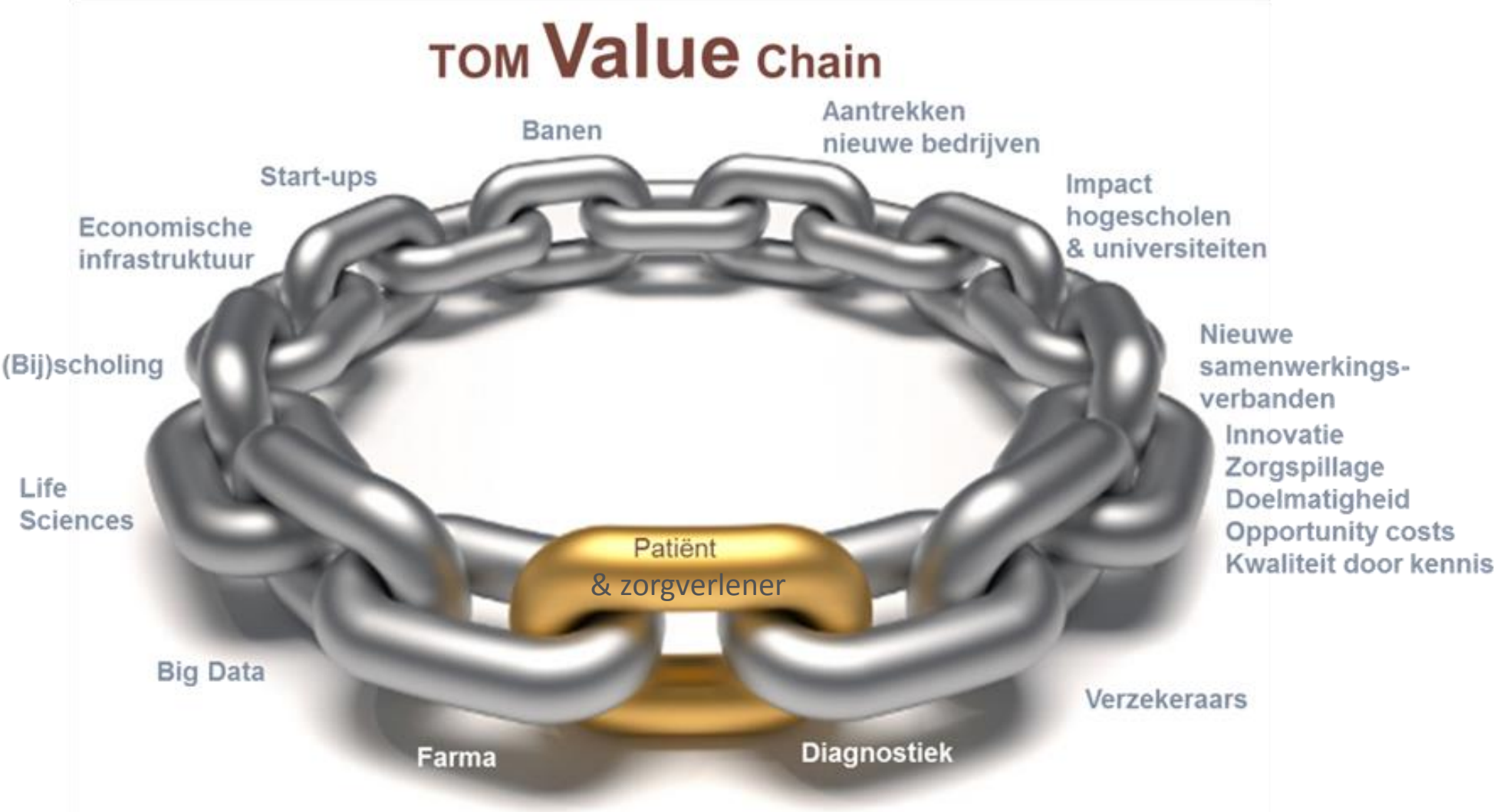
Patient biomaterial
Patient in control

Biobank accessible for all
researchers (after consent
patient)

Hospitals

Ethics

Therapie-op-Maat value chain



We would like to work with all kind of parties to come to unique co-creation (TOM) precision medicine projects. If you are interested, have questions, ideas or think you can contribute to TOM please contact me during the cocktail hour, by mail or telephone:

Tessa Fuhring

t.fuhring@tom-i.nl

06 100 636 52



TOM institute aims at improvements in care:

- Adjustments on the work floor → culture, quality and cost (Value Based Health Care)
- Commitment to guidelines and registries → standardisation and normalisation
- Stop inoperative care → reduce overtreatment and go from empirical and statistical care to more personalised treatments
- Introduction of new care products → innovative solutions