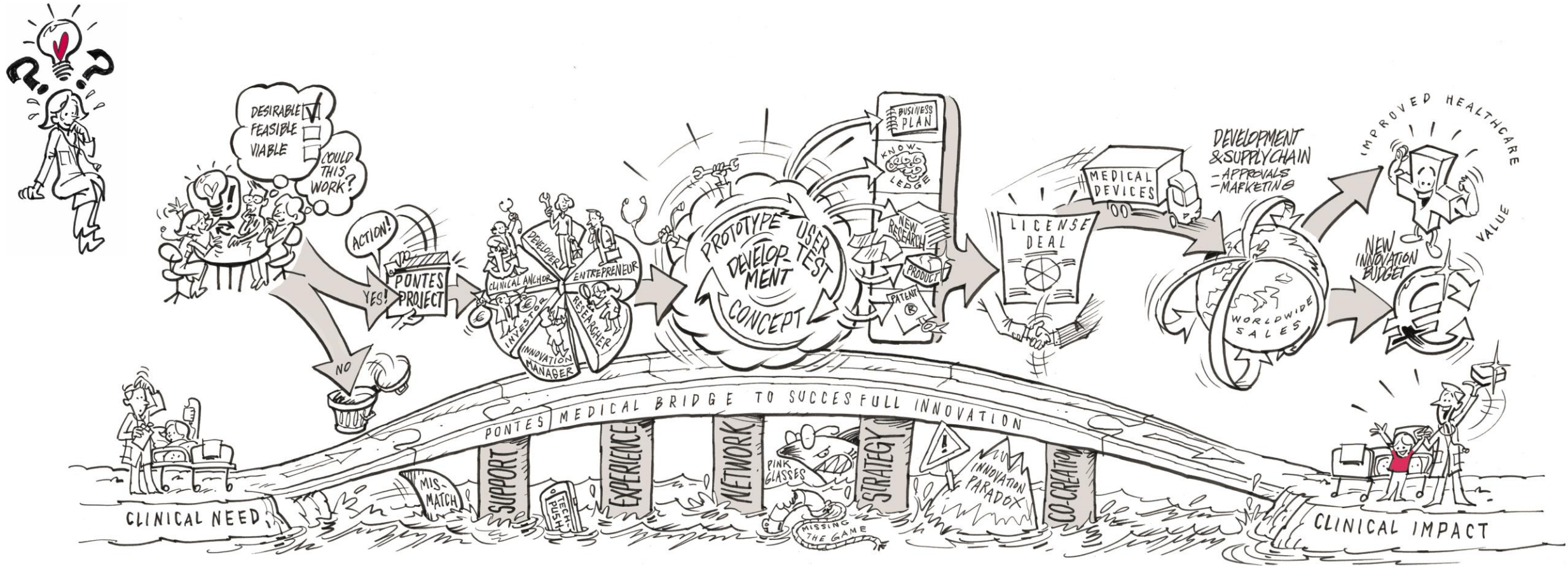
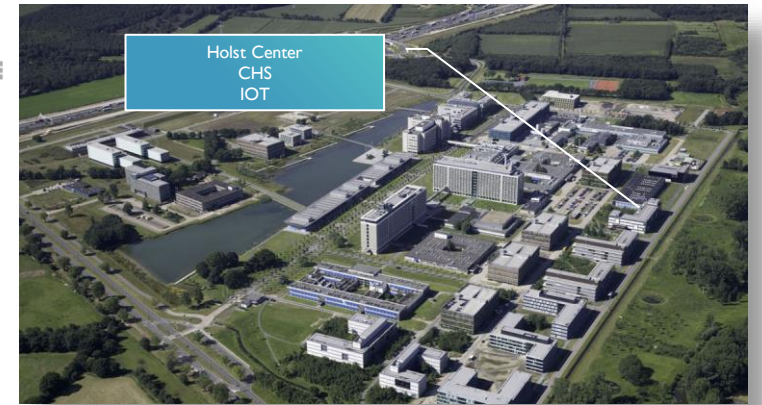
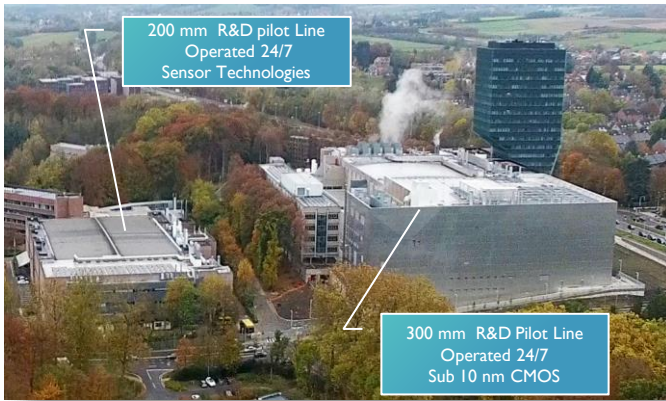


# Building a bridge

from the Island of Academic ideas, over the Sea of Threats, to the World of Healthcare





## IMEC – LEUVEN – HQ

Create  
KETs

- ▶ World-leading R&D in **nano-electronics & digital technology**
- ▶ **3500** international R&D top talents
- ▶ Unique **€ 2B leading-edge semiconductor fabs**
- ▶ **€ 545M revenues:**  
70% industry, 20% regional gov't, 10 % EU & regional programs
- ▶ Created **40 spin-off** companies and incubated **100+ start ups**

## IMEC – NL

Apply  
KETs

- ▶ Placed in the **High tech Campus**,  
NL high-tech region of Eindhoven
- ▶ **Applies breakthrough technologies**
- ▶ Staff of over **100 researchers**, highly diverse and top talent
- ▶ Focus: **Connected Health & Internet of Things** innovations
- ▶ **Global** network of industrial and academic partners

# ISO 13485 Certified Medical Technology Department













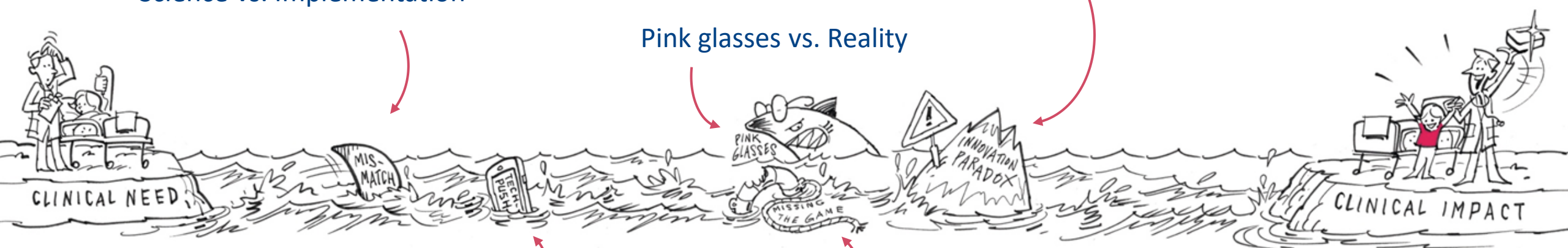
Physician vs. Company

- Co-design
- Intellectual property
- Medical Device Regulation
- Contracts
- Funding
- ...
- ...

Innovation vs. Threats

Science vs. Implementation

Pink glasses vs. Reality



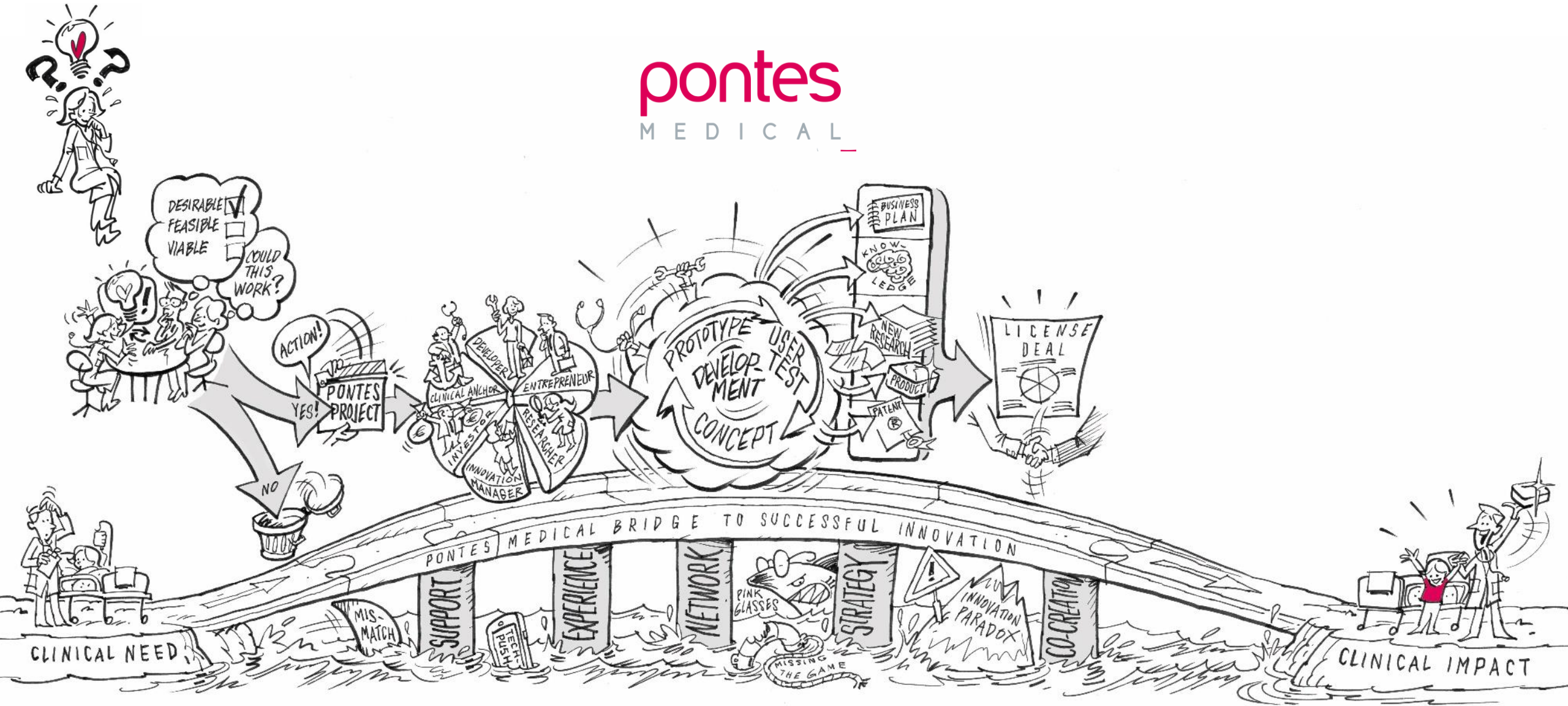
Technology push vs. Clinical Need

Time to market



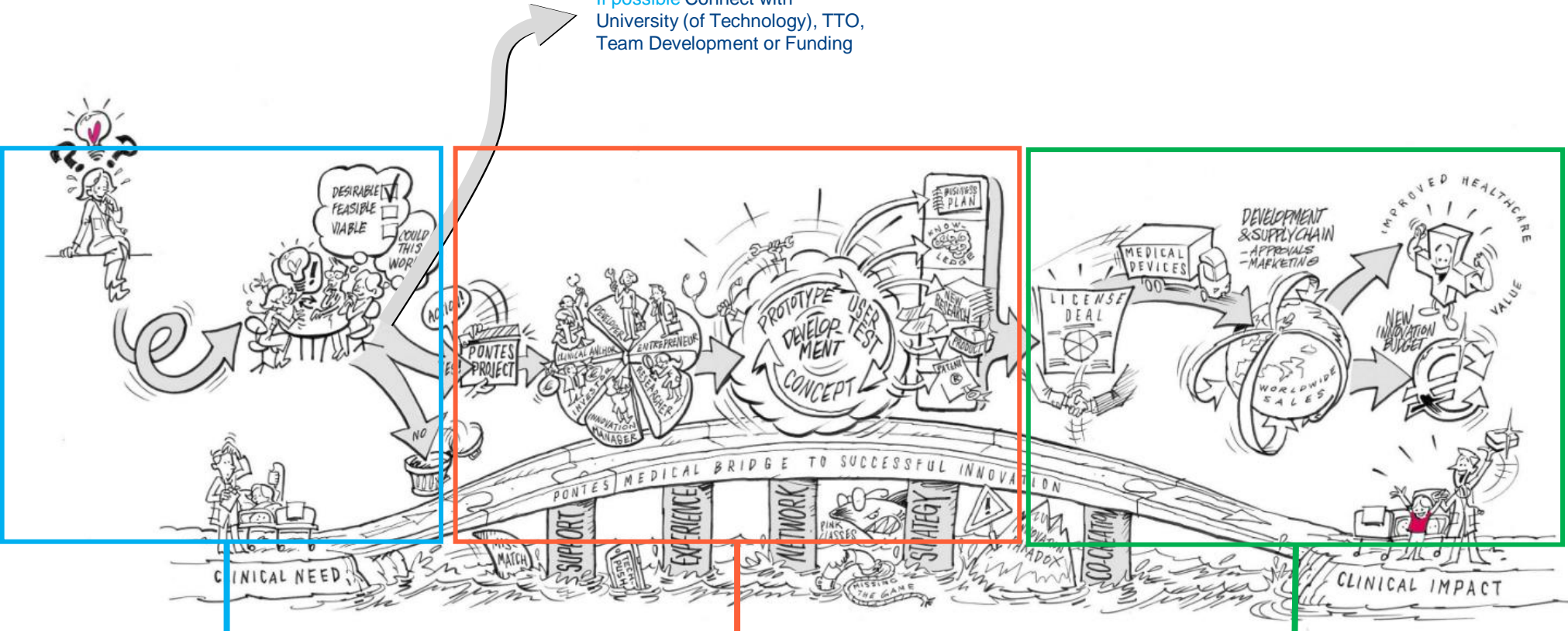
# pontes

MEDICAL



# Pontes Co-Design & Co-Creation Method

If possible Connect with University (of Technology), TTO, Team Development or Funding



**Focus**  
**Research & Innovation**  
**Support Centre (RISC) role**

**Focus Pontes role**

**Focus TTO role**  
**UTRECHT**  
**HOLDINGS**

Challenging  
the idea

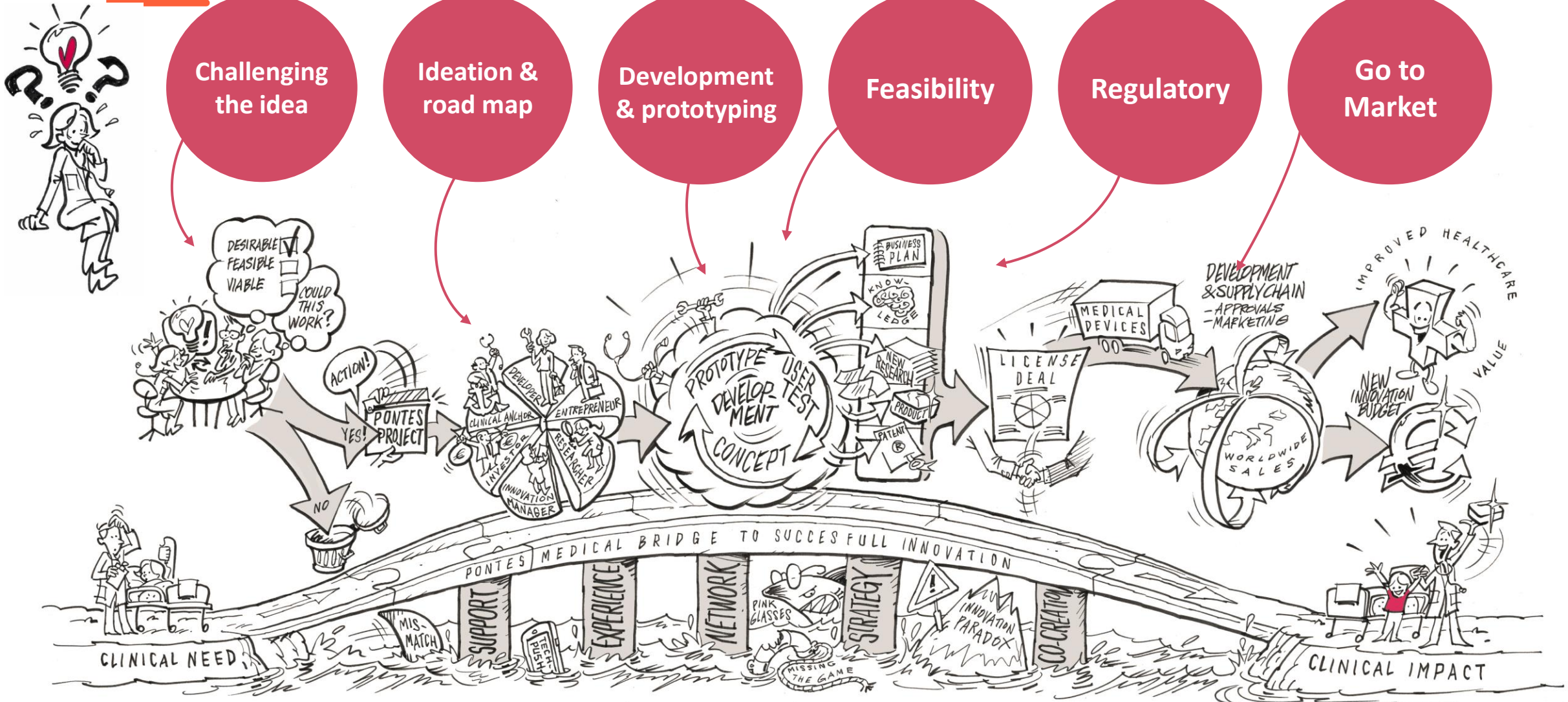
Ideation &  
road map

Development  
& prototyping

Feasibility

Regulatory

Go to  
Market





Acquired by multinational



Radical Innovation  
Challenging prosthesis



CE & FDA approved

# Clinical

Clinical Impact in home care



Challenging Robotic Surgery

# Pontes projects resulted in 19 start-ups



Protocol  
Buster



# Take home Message

- Know what the expertise and Ambition of the inventor is (and what is not!)
- Use the expertise available in your institution and of partners
- Make sure that you have essential Regulatory expertise in house
- Radical Innovations are more challenging, but also more rewarding
- Co-creation speeds up the journey to Clinical impact...
- ... and is FUN!

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# Thank you!

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