

CONTENT

- ✓ Challenges
- ✓ Technology transfer
 - ✓ What?
 - ✓ Advantages?
 - ✓ How?
- ✓ Examples
- ✓ Conclusion



CHALLENGES



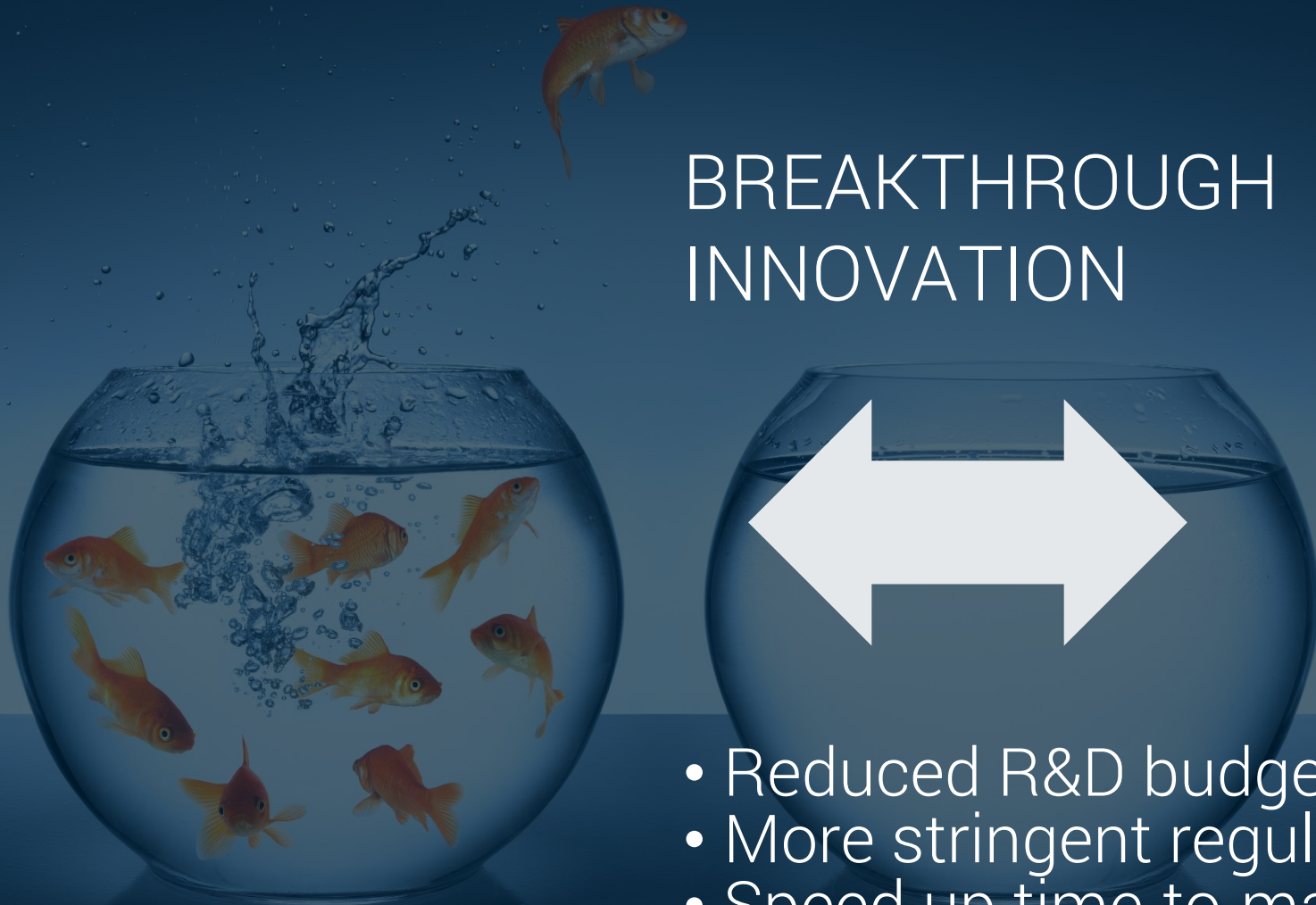
CHALLENGES

- Products life cycle ↓
- More stringent regulations
- R&D budgets become smaller
- Need for products with clinical added value
- Need for differentiated offering to protect market share

=



BREAKTHROUGH INNOVATION

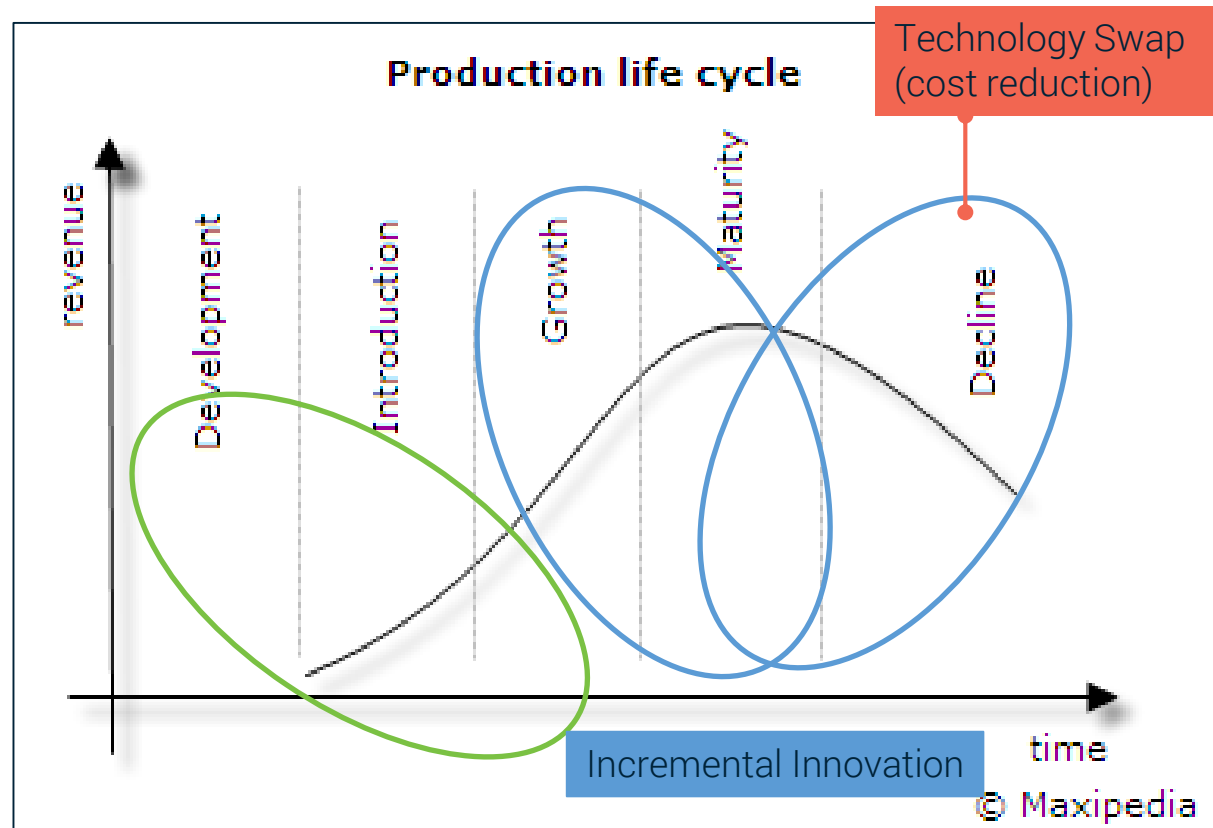
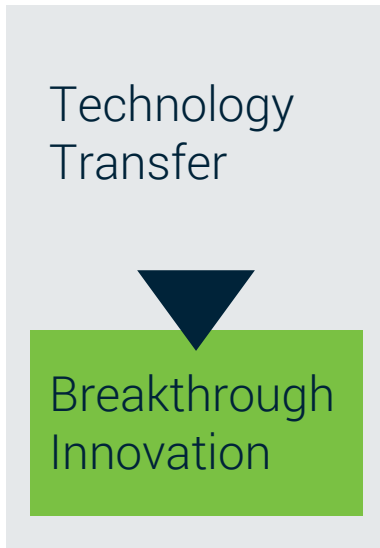


- Reduced R&D budgets
- More stringent regulations
- Speed up time-to-market

CHALLENGES

Differentiated offering

“Clinical added value & Patient Benefit”



A PROVEN METHOD

Technology transfer

TECHNOLOGY TRANSFER – WHAT?

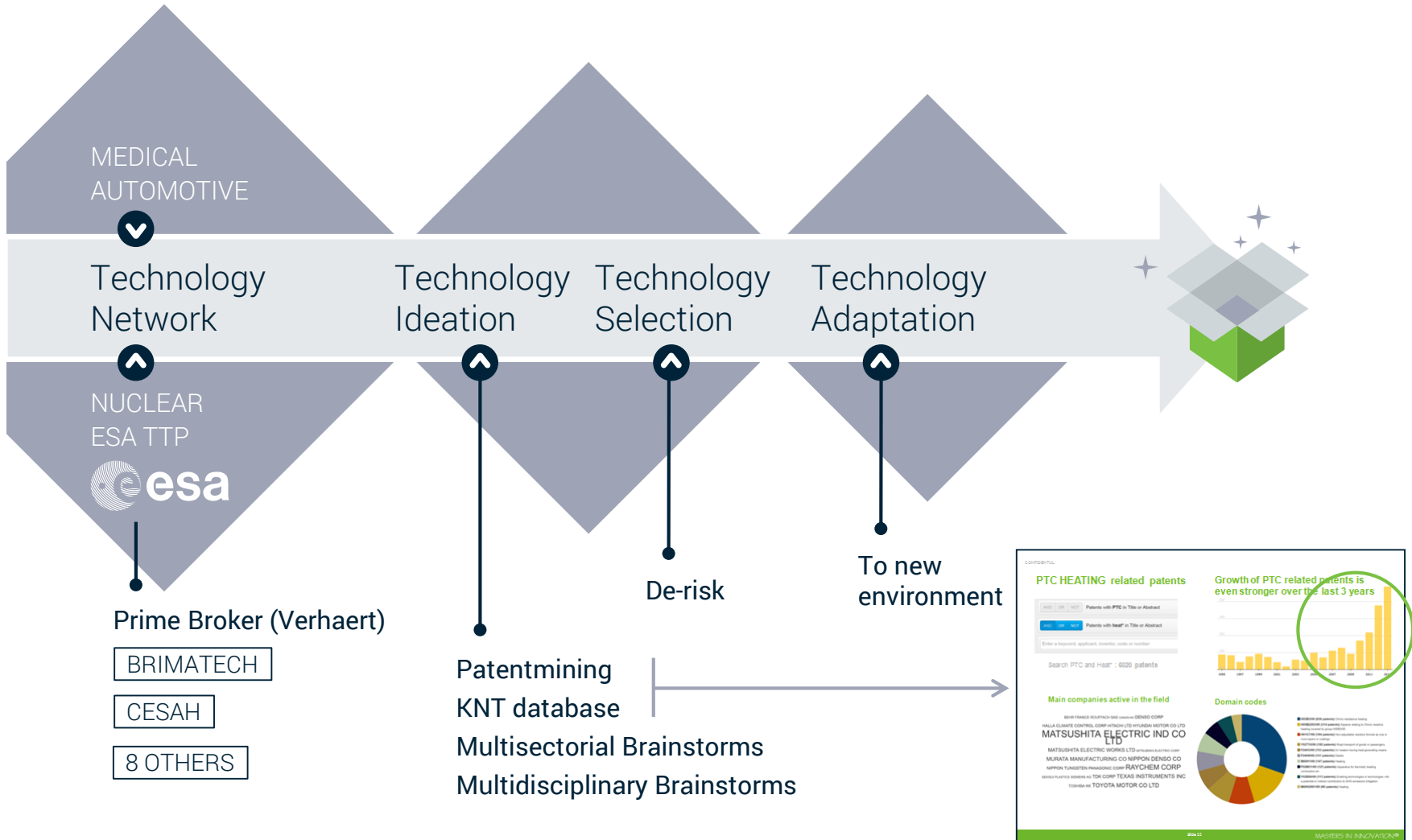


TECHNOLOGY TRANSFER – PROVEN METHOD



- Reduce Development cost
- Reduce Regulation time
- Reduce Time-to-market

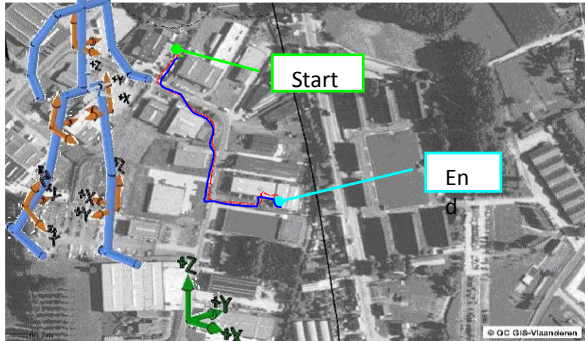
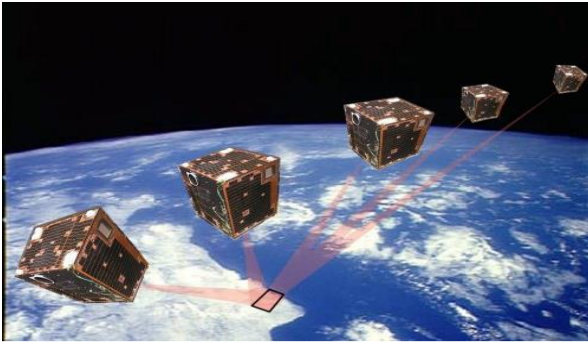
TECHNOLOGY TRANSFER – HOW?



EXAMPLES

Technology transfer

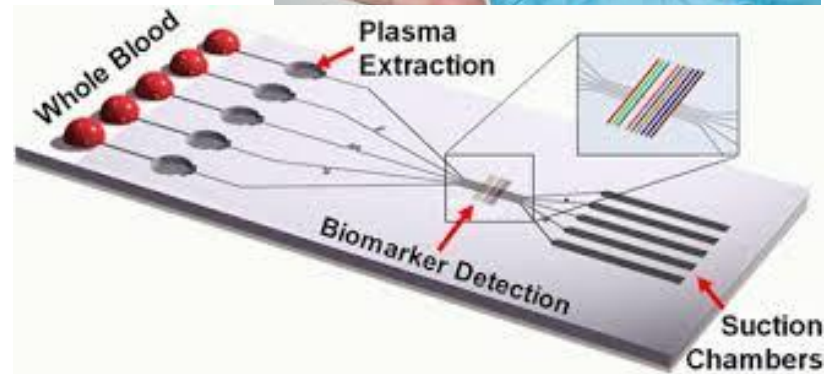
TECHNOLOGY TRANSFER – EXAMPLE



TECHNOLOGY TRANSFER – EXAMPLE

Industry

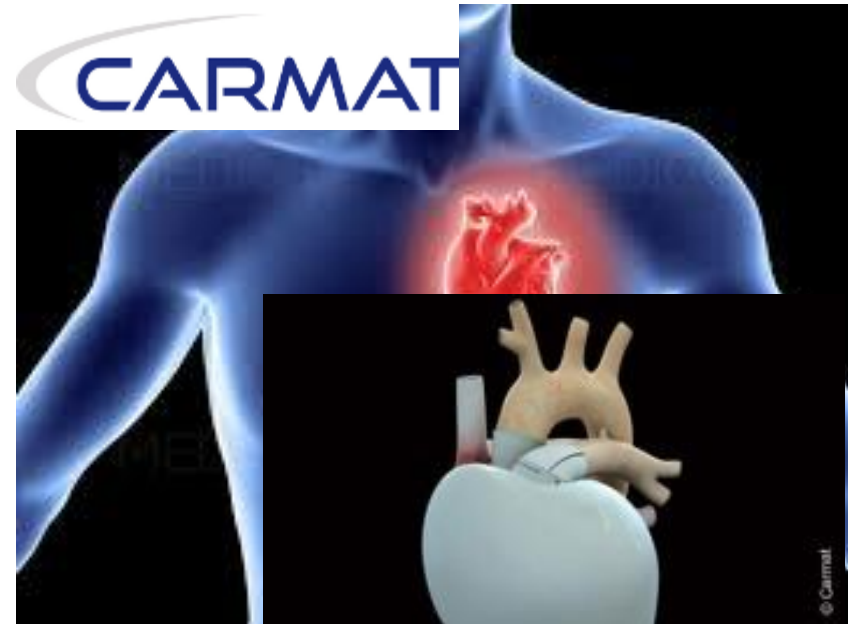
Medical (POC)



TECHNOLOGY TRANSFER – EXAMPLE

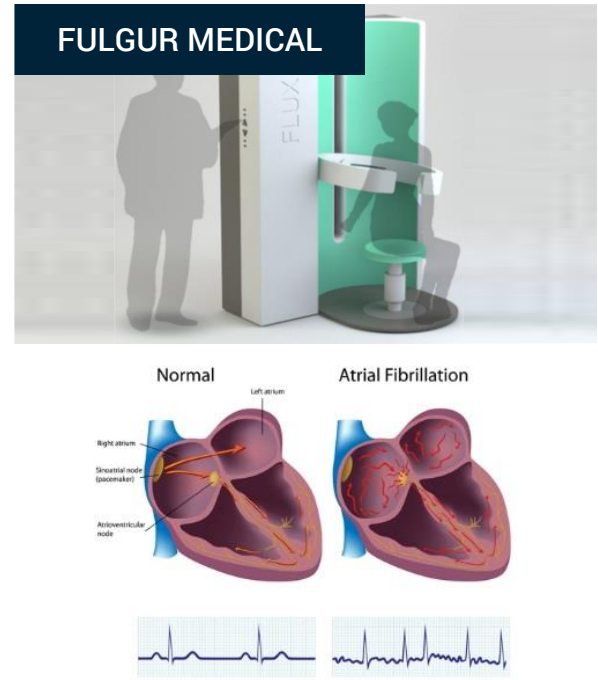
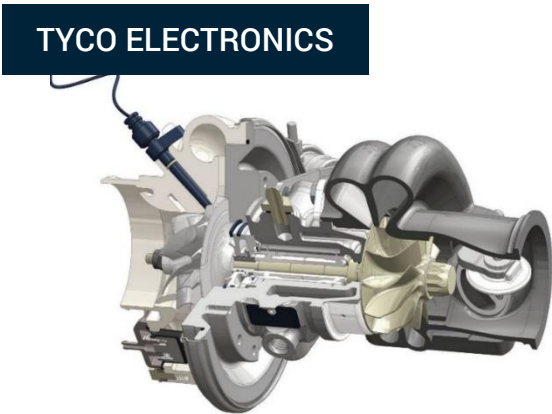
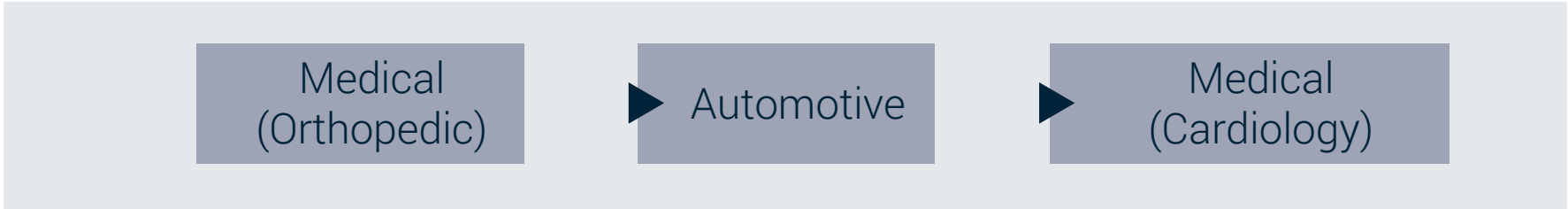
Space

Medical Implants
(Cardiology)

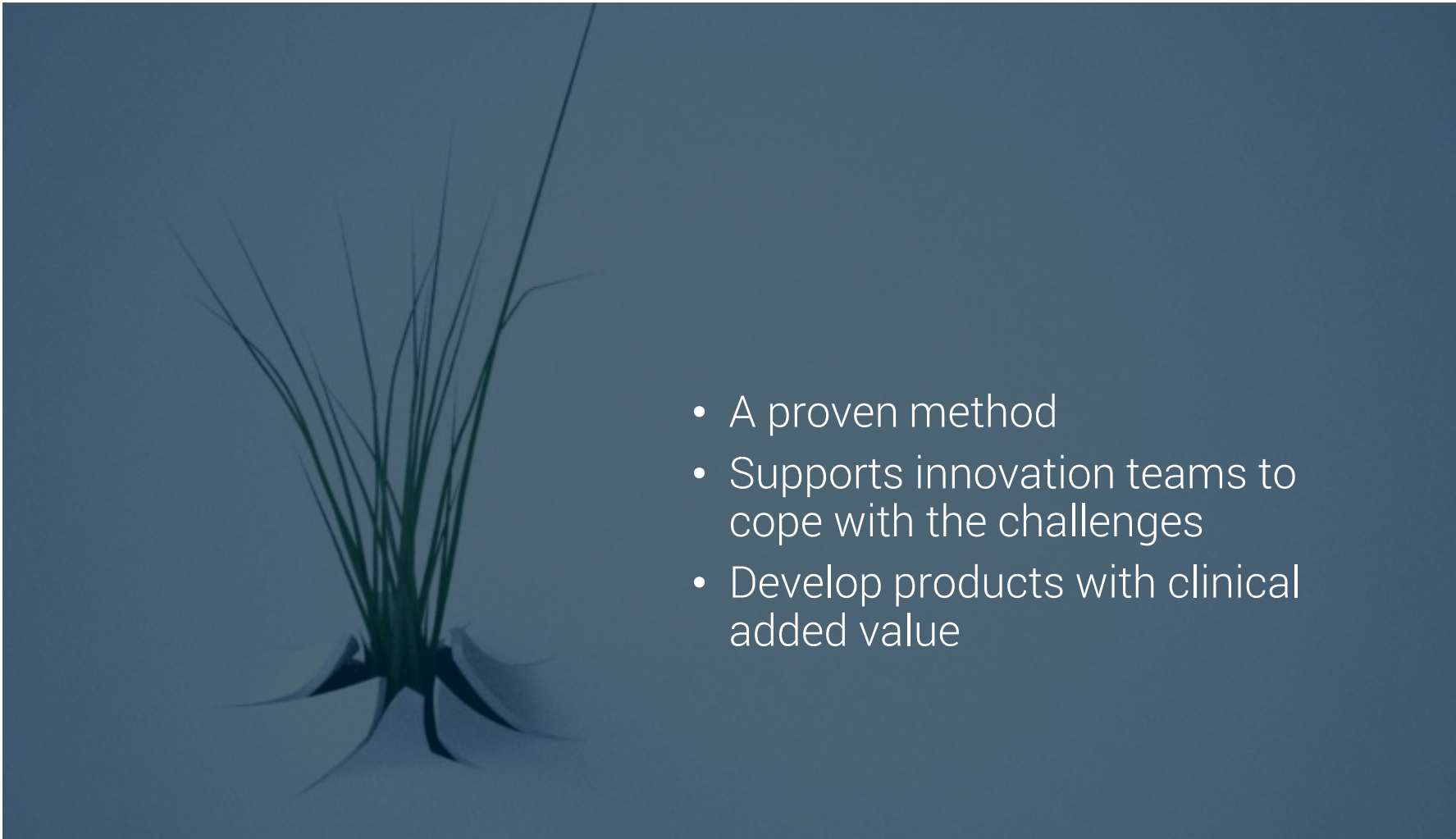


- Contains the same technology, only 100 times smaller
- High-tech sensors detect a patient's exertion levels and transmit the information to a miniature computer
- This commands the die-sized brushless motors to pump the heart faster or slower

TECHNOLOGY TRANSFER – EXAMPLE



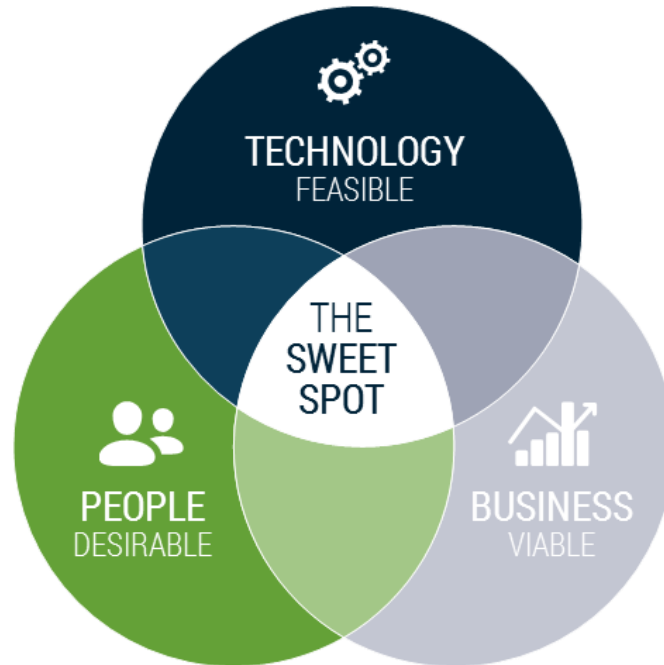
TECHNOLOGY TRANSFER – CONCLUSION

- 
- A proven method
 - Supports innovation teams to cope with the challenges
 - Develop products with clinical added value

THANK YOU!



Looking forward to get inspired by you!



Verhaert operates for ESA as
Belgian Technology Transfer Office

