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OTTOBRE
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Assessment of the innovation: a challenge for HTA

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Outline

- HTA the fourth hurdle
- Innovation a must. What is innovation?
- Factors around innovation not related to HTA
- Factors related to HTA and its frameworks
- Innovation. What next?

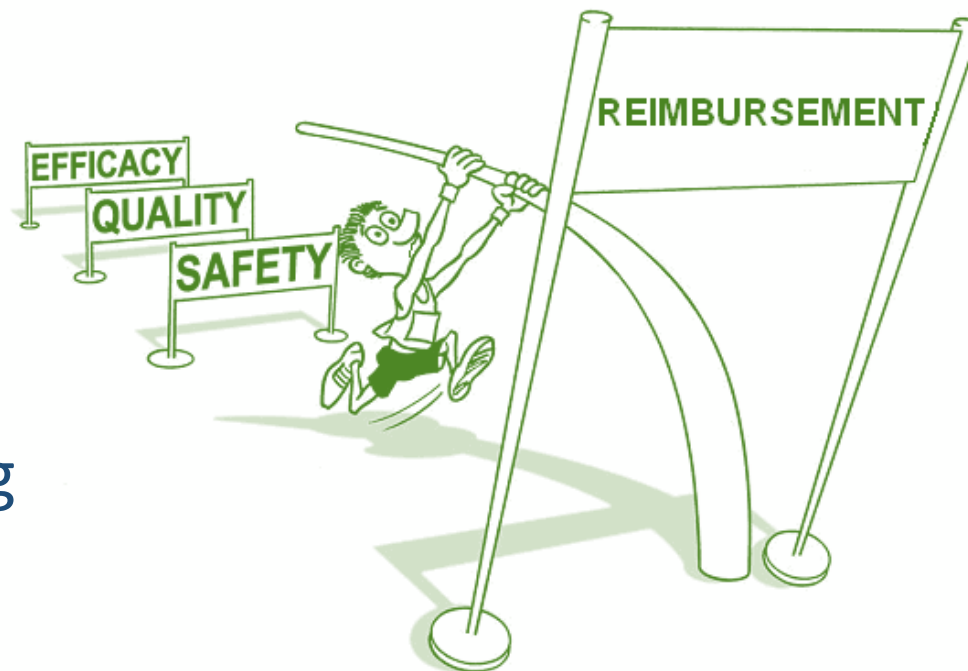
HTA, the fourth hurdle.



**Karolinska
Institutet**

Managing the Fourth Hurdle

Small medtech companies addressing
the issue of reimbursement, 2008



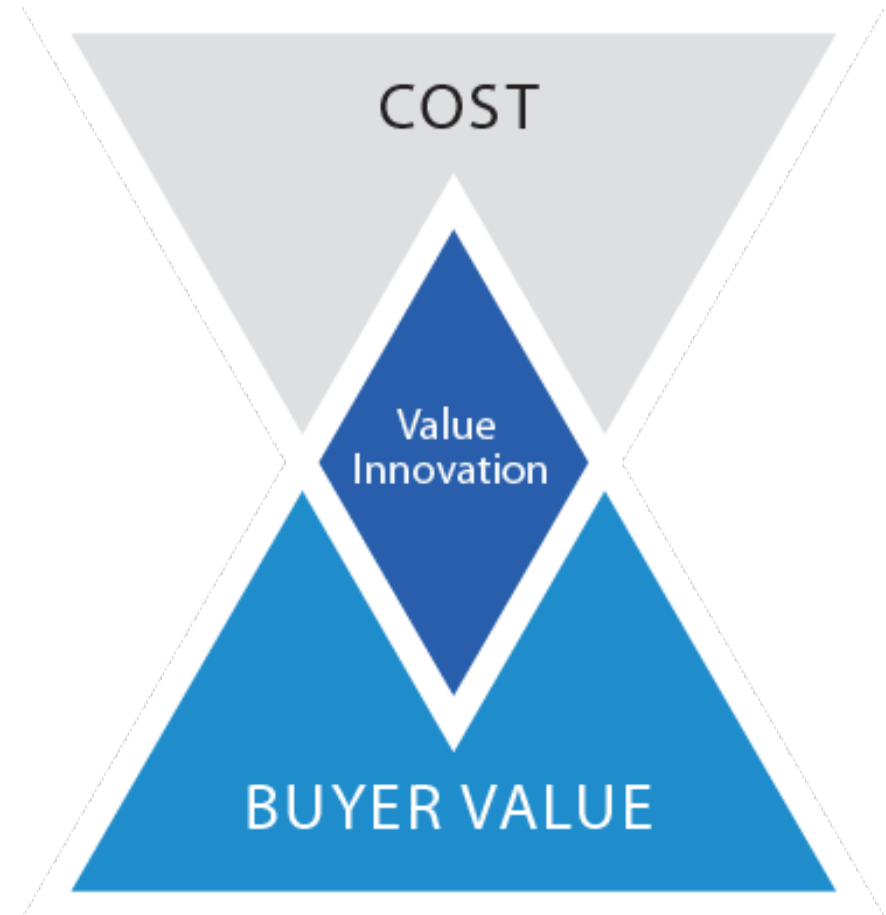
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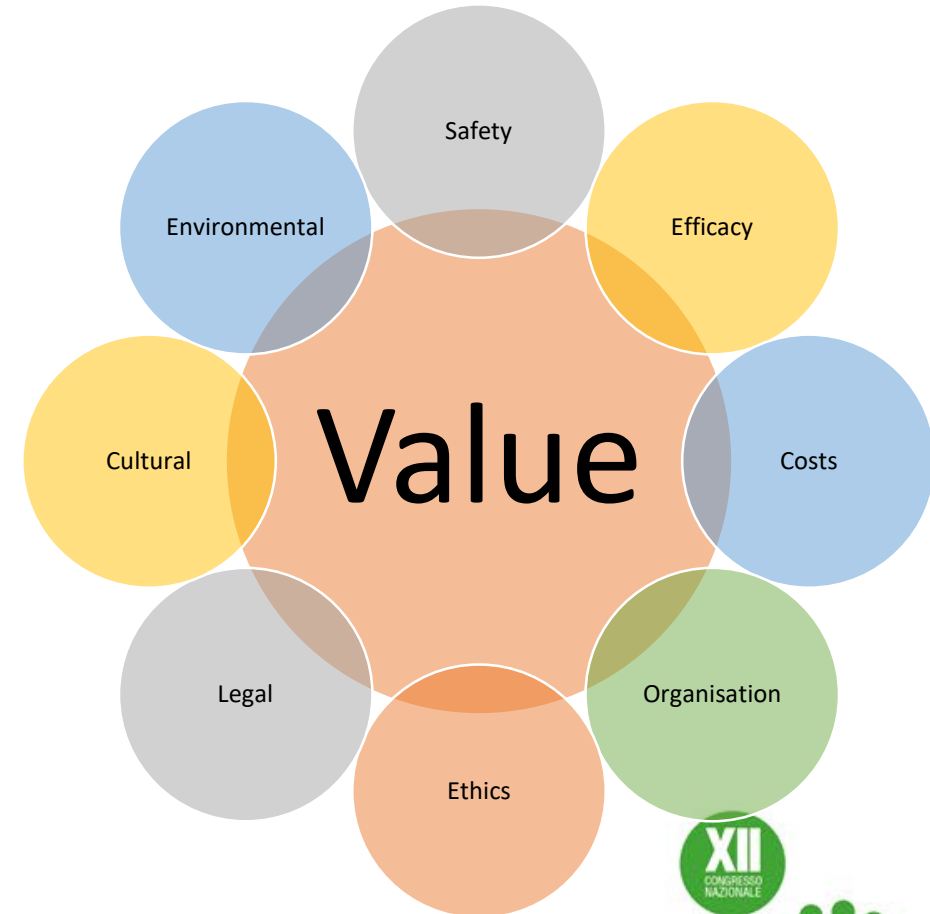
The fourth hurdle

- Reimbursement
- Procurement
- Use in practice



Value and values

- Multidimensional
 - Interaction
- Perspective dependent
- Contexts dependent
 - Characteristics of society, questions, cultural values
 - Priorities



Innovation a must. What is innovation?

- *“the development of new services, technologies, but above all, a change of direction in the management of systems towards the promotion of health and disease prevention”*

Iberoamerican Development Bank, 2015

“The truly innovation in health”

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Innovation a must. What is innovation?

- *““to develop and deliver new or improved health policies, systems, products and technologies, and services and delivery methods that improve people’s health””*



**World Health
Organization**

WHO innovation, 2019

“WHO Health Innovation Group”

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Innovation a must. What is innovation?

- Responds to unmet needs by employing new ways of thinking and working with a special focus on the needs of vulnerable populations
- Health innovation adds value in the form of improved efficiency, effectiveness, quality, safety and/or affordability
- Health innovation can be in preventive, promotive, therapeutic, rehabilitative and/or assistive care



**World Health
Organization**

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Innovation? Technology and services

“ the application of organized knowledge and skills in the form of devices, medicines, vaccines, procedures and systems developed to solve a health problem and improve quality of lives”



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Questions and answers...



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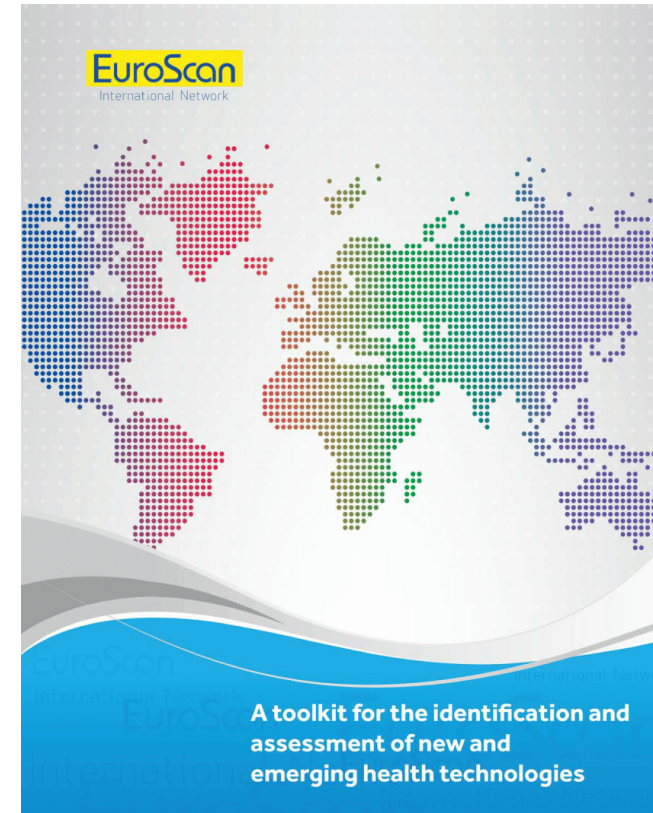
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Questions and answers...

- Horizon scanning or early awareness and alert systems
 - HS
 - EAAs

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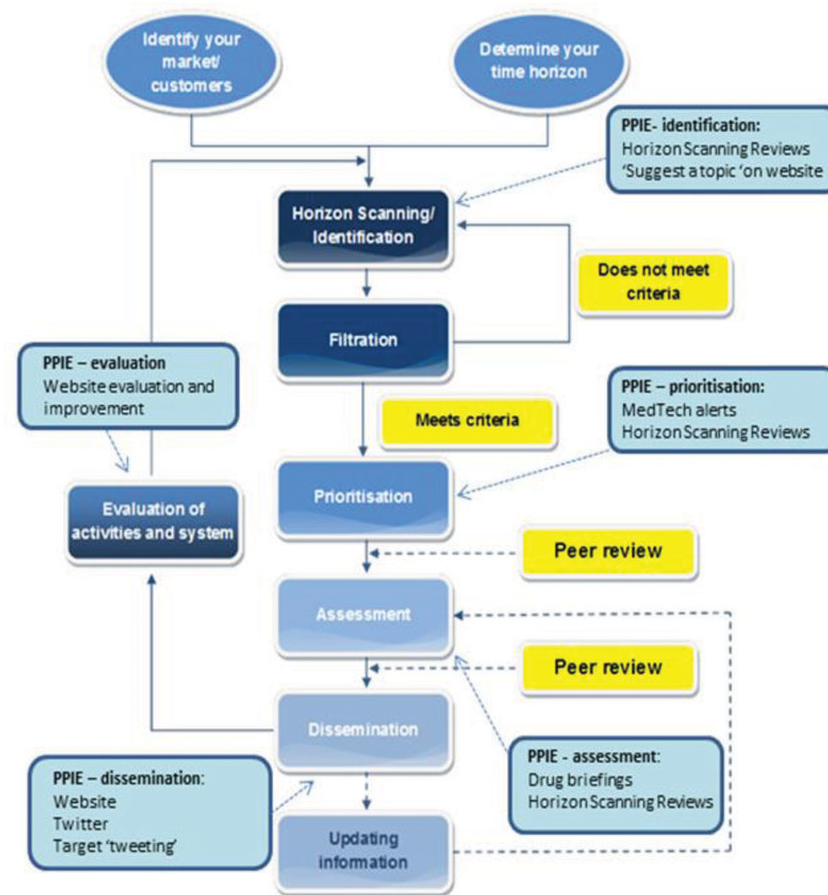


Update October 2014

 **sihta**

New and emerging technologies

“A health technology that has not yet been adopted within the healthcare system”

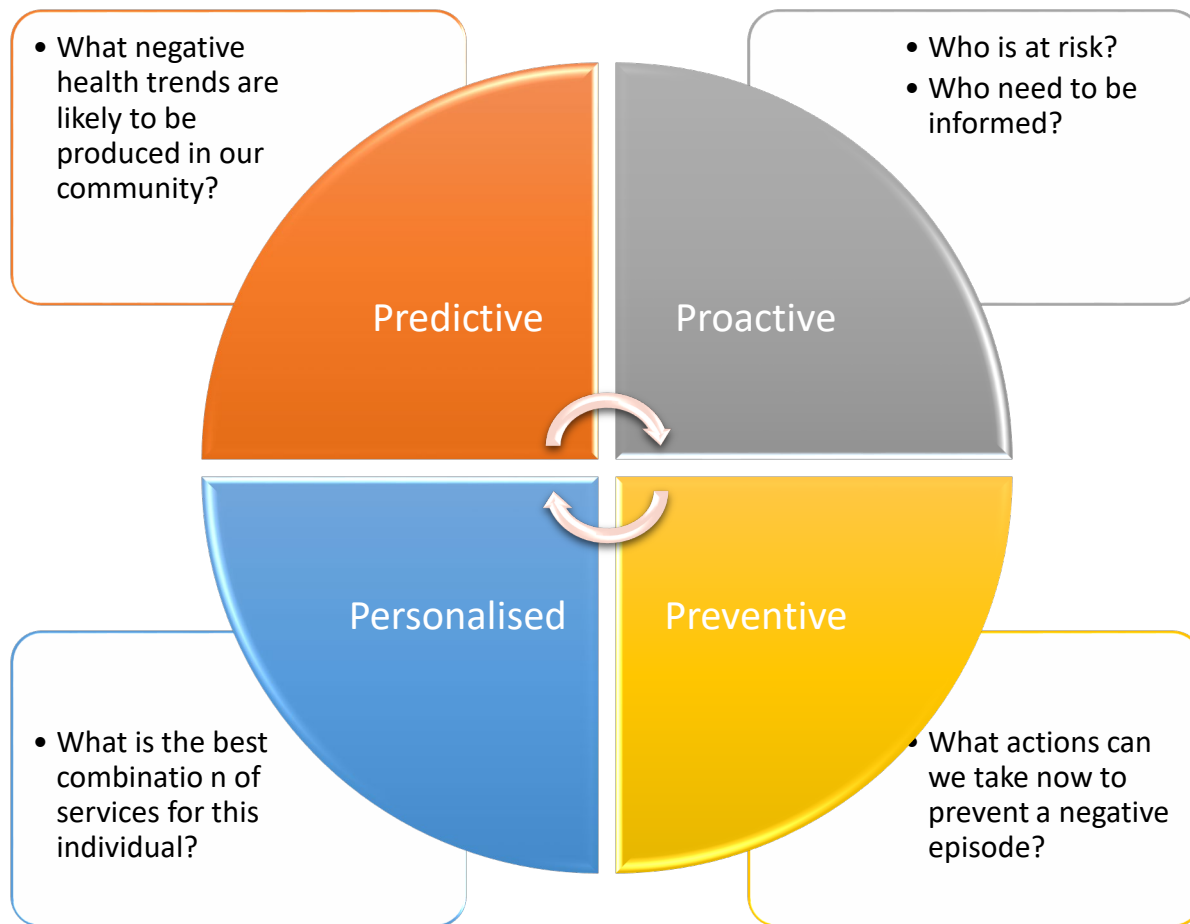


Innovation. Blockbusters to nichebusters

- **blockbuster models** in which technological solutions could cover a range of pathologies and patients to a more focused personalised or customized model also named **niche-busters**



The four Ps in Healthcare...



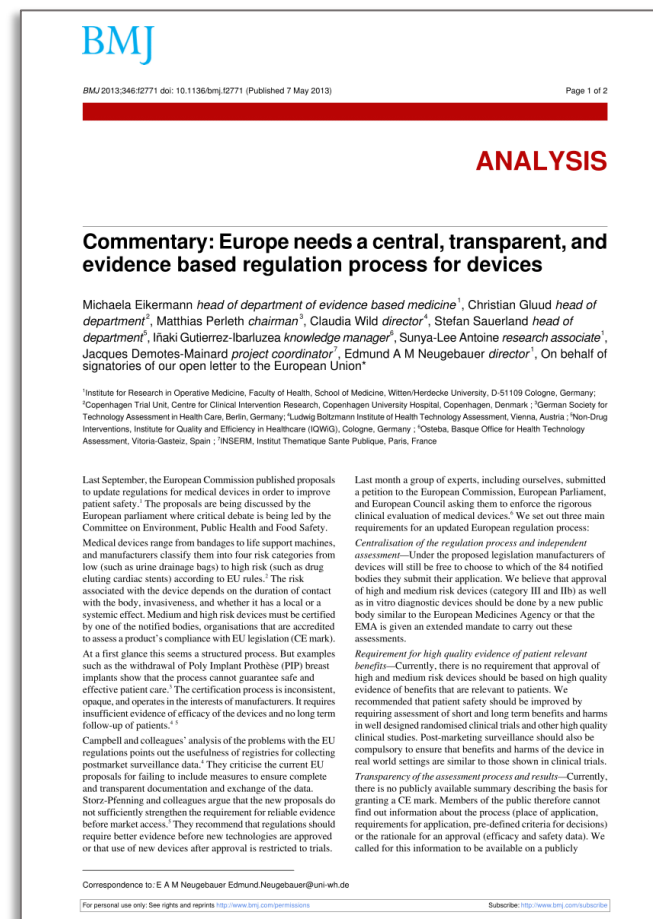
The four Ps in Healthcare... and HTA

- Multiplies the number of pathologies
- the group of patients to be addressed
- Requires tailored assessments
 - patients' characteristics,
 - the epidemiological paradigm in each region or country and
 - its related health care system's features and nuances



Regulation and its nuances

- Regulation differs depending on the type of technology... and ...



Demand and offer



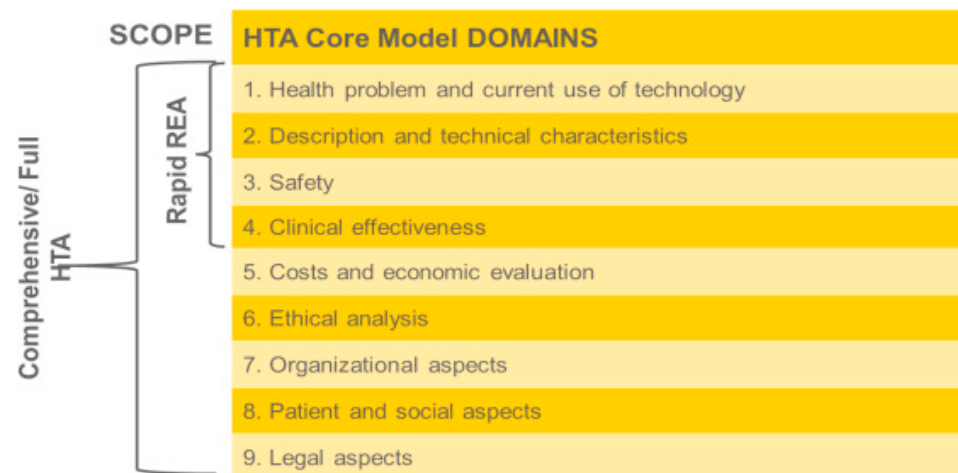
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Factors related to HTA and its frameworks

- Frameworks
 - INTEGRATE-HTA
 - Core Model EUnetHTA
- Harmonisation of HTA practices:
 - INAHTA
 - EUnetHTA
 - REDETSA
 - HTAsiaLink
 - EuroScan

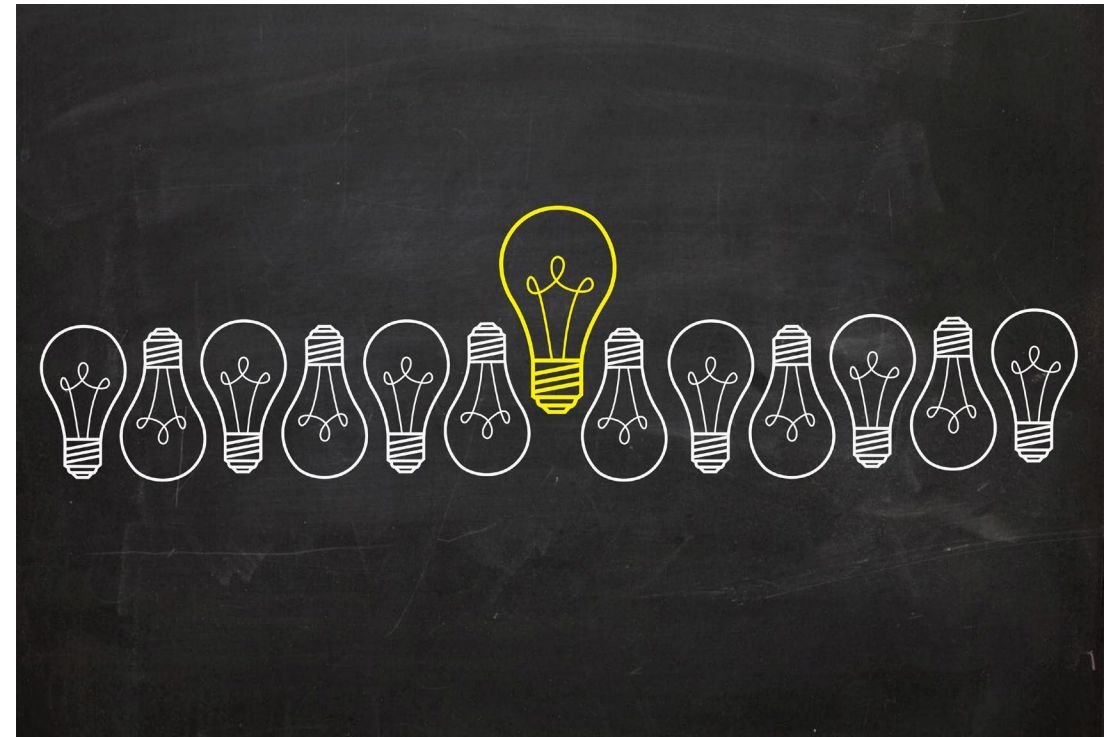


What next?

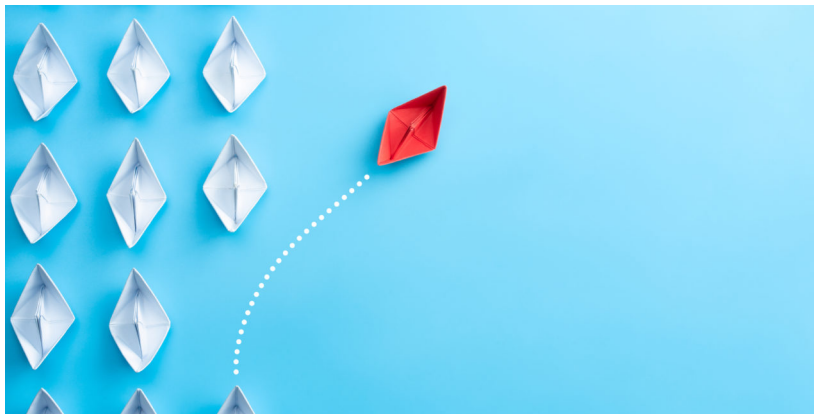
- It seems to be that when we called a technology to be innovative no further analysis is required
- Innovation should be evaluated and value determined
 1. which is innovative and improves health,
 2. which hasn't proved to change results on health but is promising and thus requires further follow-up
 3. which should be considered as research

What next? Proactivity

- Early dialogue
- Early advice
- Pre-evaluation
- Identification of demand
- Linkage between demand and offer...



Thanks....



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