european burden-eu of disease network

# THE CONCEPT OF KNOWLEDGE TRANSLATION IN RELATION TO BURDEN OF DISEASE

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COST EUROPEAN COOPERATION IN SCIENCE & TECHNOLOGY

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*Technical platform to integrate and strengthen capacity in burden of disease assessment across Europe and beyond*

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# Overview

Methodology for the KT WG

Progress to date

Next steps

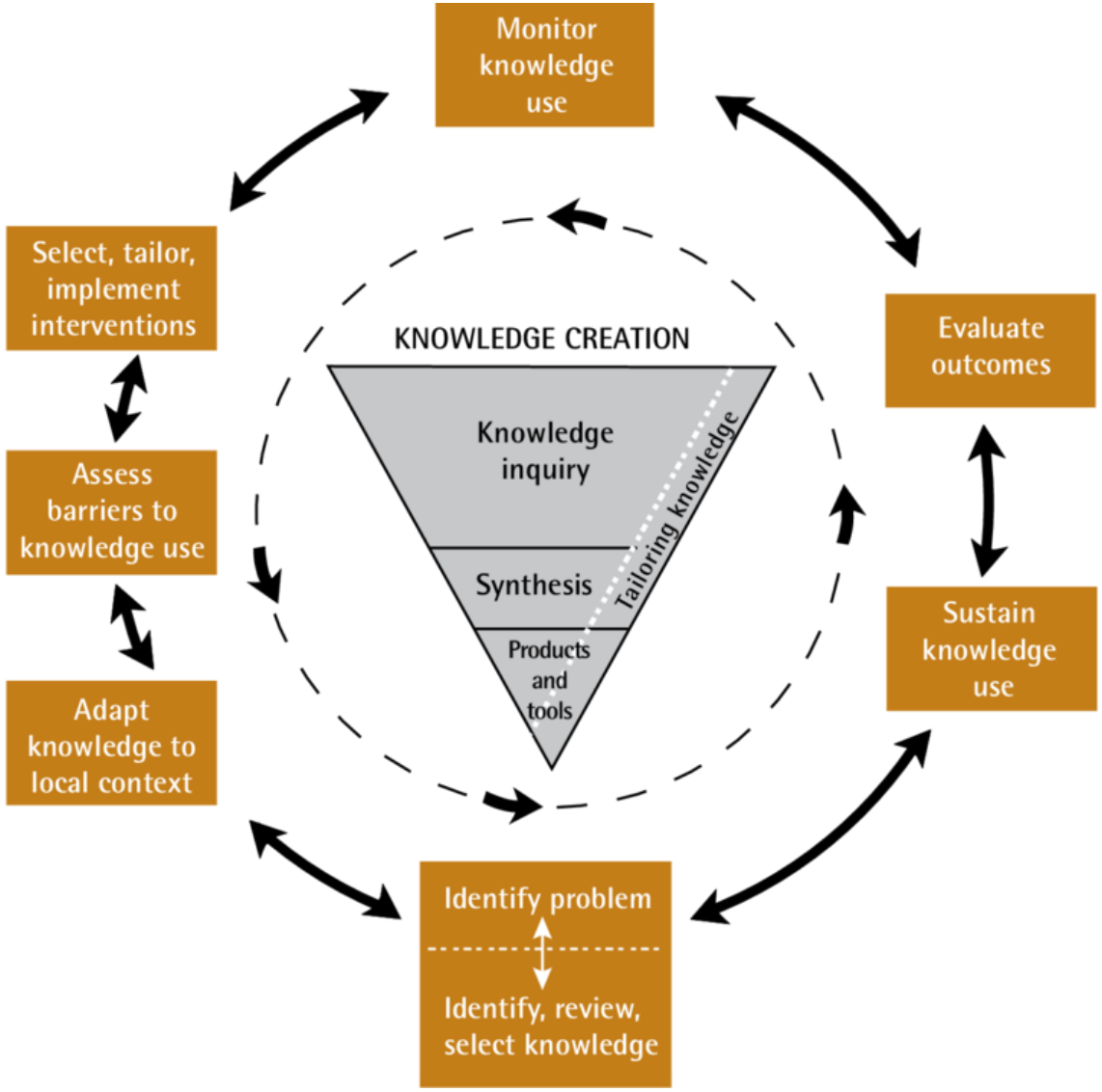
# Methodology for the KT WG

Developing a KT roadmap

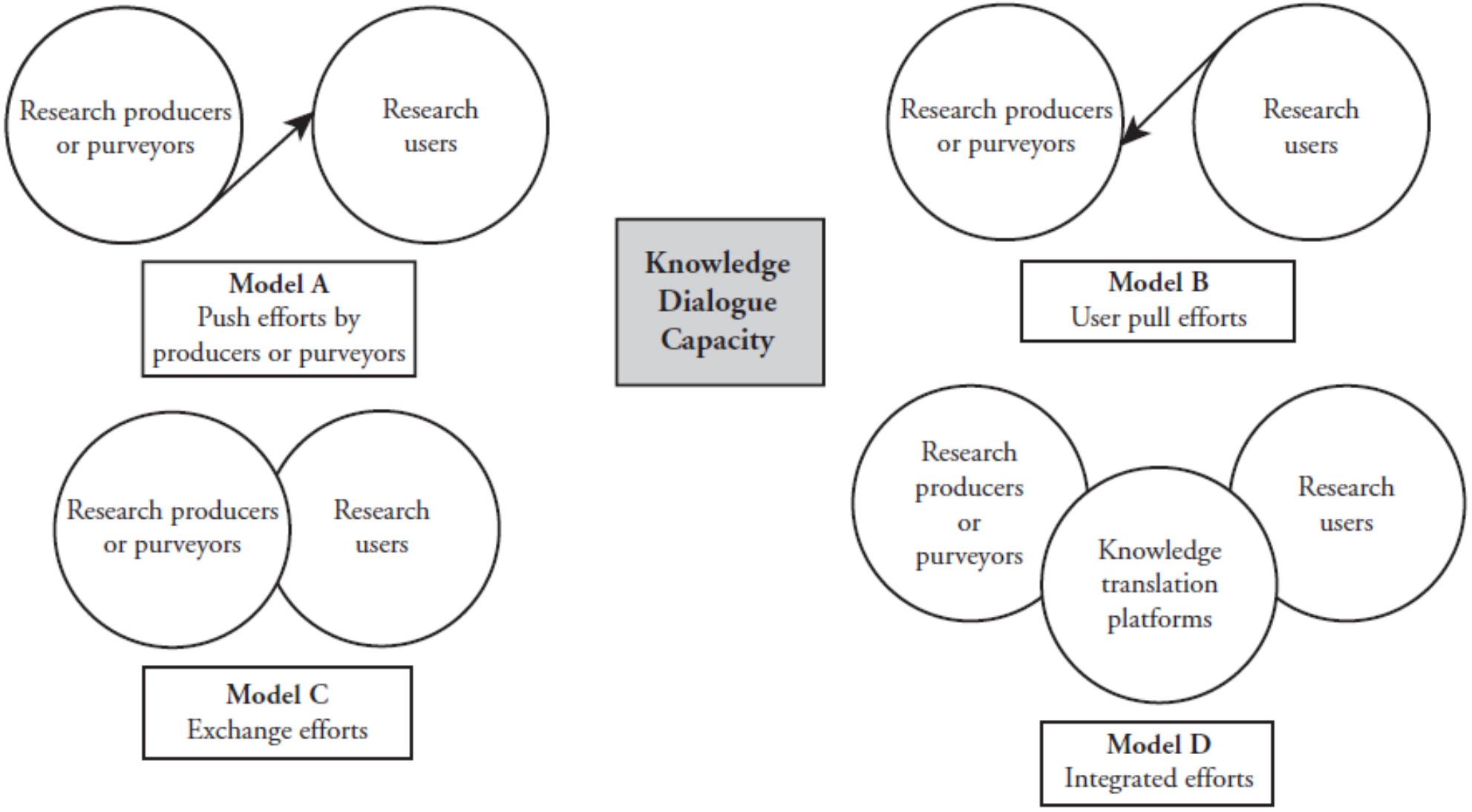
# Knowledge Translation

- World Health Organization definition:

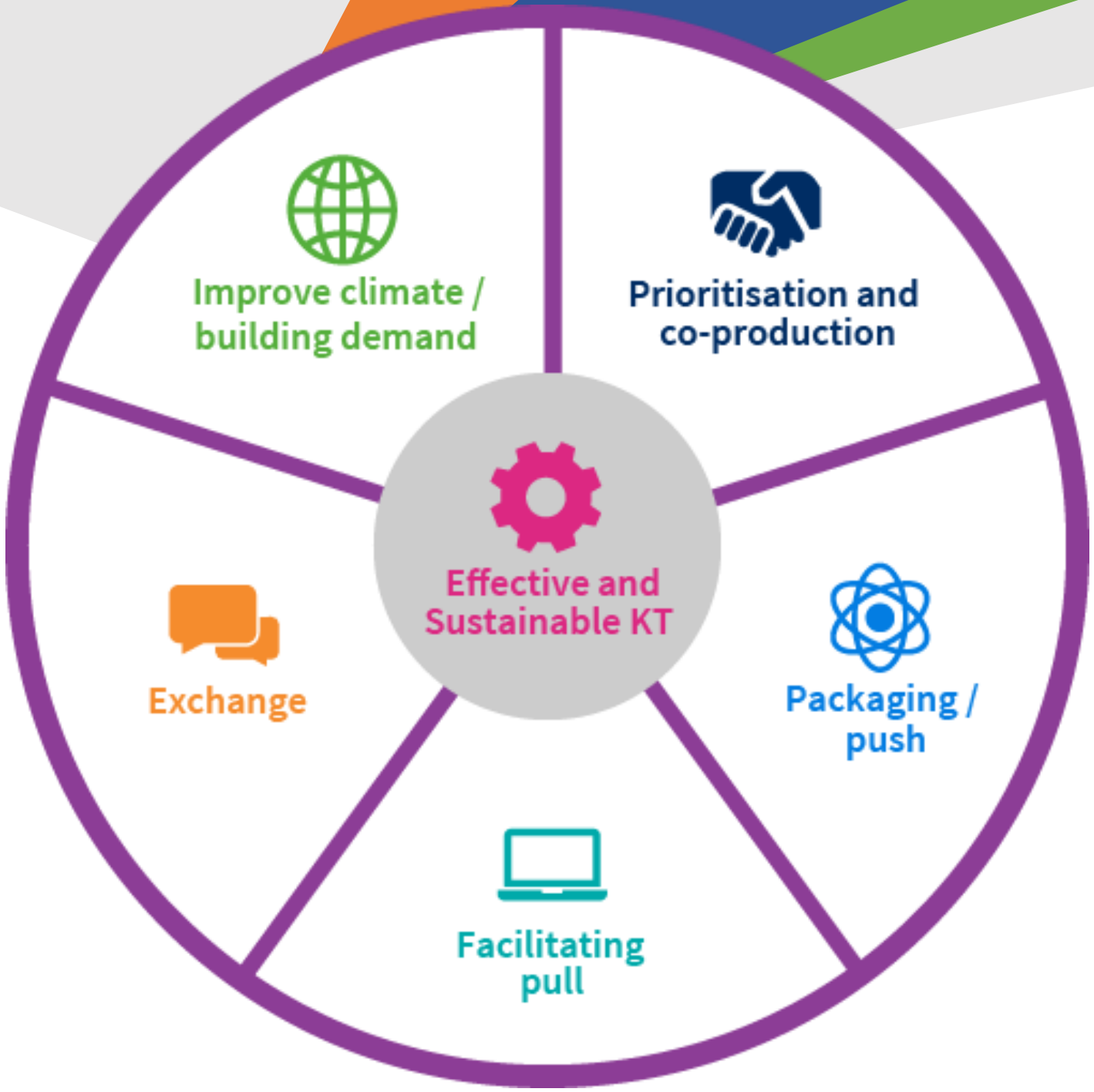
*Knowledge translation is defined as the synthesis, exchange, and application of knowledge by relevant stakeholders to accelerate the benefits of global and local innovation in strengthening health systems and improving people's health.*



# Models of Knowledge Translation

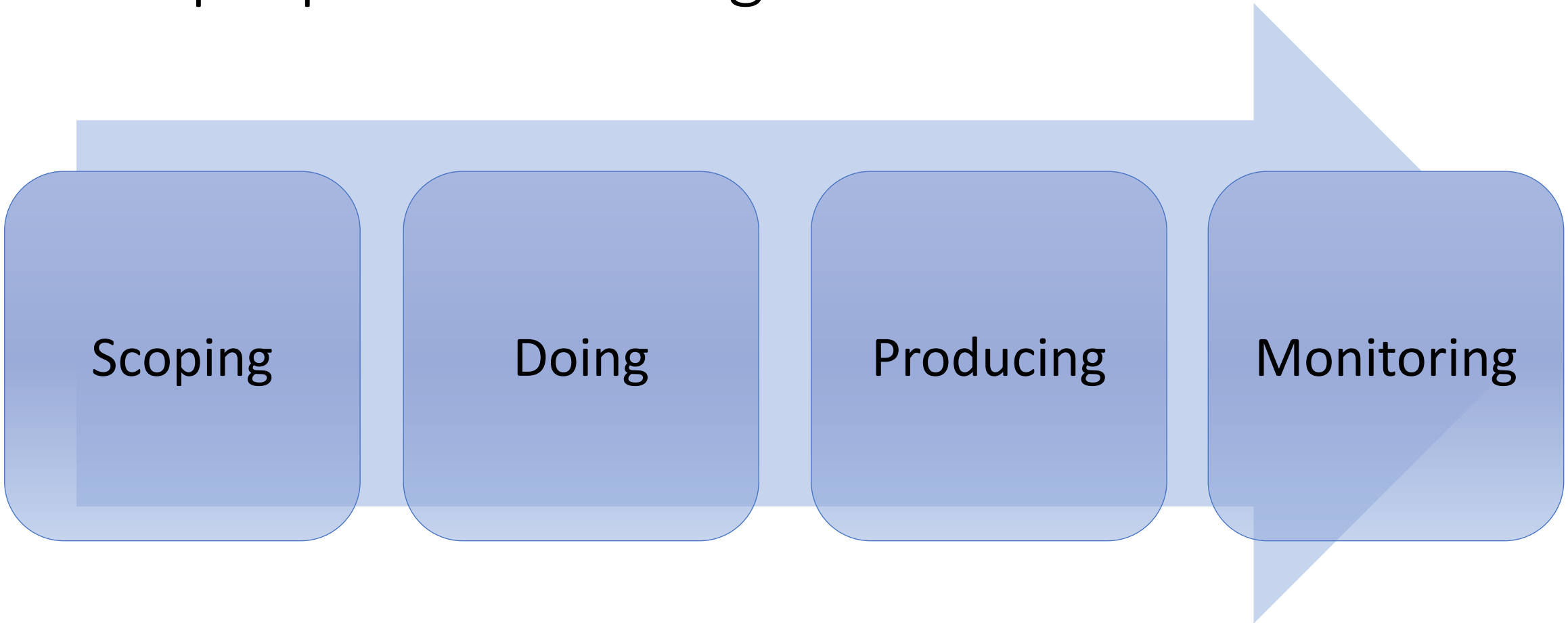



*Source:* Adapted from Lavis, J., J. Lomas, M. Hamid and N. Sewankambo. 2006. "Assessing Country-level Efforts to Link Research to Action." *Bulletin of the World Health Organisation,* 84: 620–628.




# Cochrane's KT framework

# A proposed working model on KT for BoD



# KT from theory to BoD in practice

- Making an inventory of good practices
- Use the DALYs and effectiveness data (QALY like)
- A diagram of ‘policy-making’ communication/ guidance on steps, challenges, opportunities, infographics
- Impact of infographics on policy-makers on what works and what doesn’t
- Estimates are published, but impact is not evaluated

# Progress to date

2nd WG meeting & 3rd MC meeting

Basic KT principles in two Training Schools

Virtual KT working group sessions

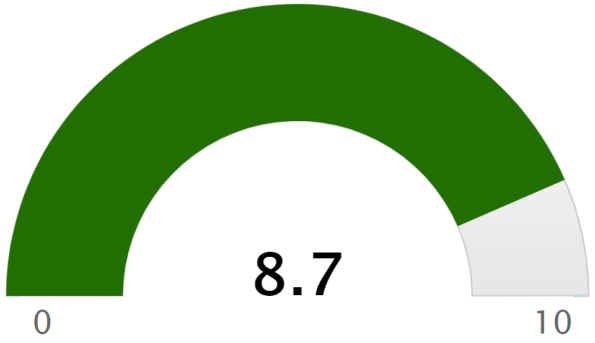
# 2nd WG meeting & 3rd MC meeting Dec 2020

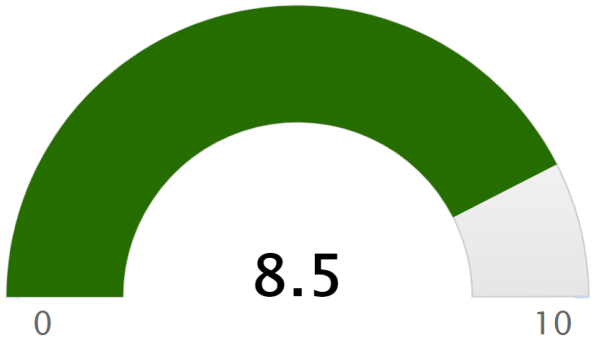
- We developed a web-based survey of twenty-nine (n=29) questions, sent out via email to 105 participants within the Cost Action CA18218 European Burden of Disease Network [burden-eu].
- We received 6-50 responses for each of the questions. The questions focused on disability-adjusted life years (DALYs), years of life lost (YLLs) and years lived with disability (YLDs) for non-communicable diseases (NCDs), injuries, infectious diseases including Covid-19.
- Most participants indicated that they consider calculating Covid-19 BoD (60%) and its indirect effects on NCDs (62%), but not on injuries (14%). 84% indicated that they consider quite or very important to develop a knowledge translation toolkit. Participants also indicated methodological challenges such as accessing resources and interpreting long-term impact data.

# Training School in KT June 2021 & Sept 2021

On scale from 1 to 10, how satisfied were you with the TS in general?

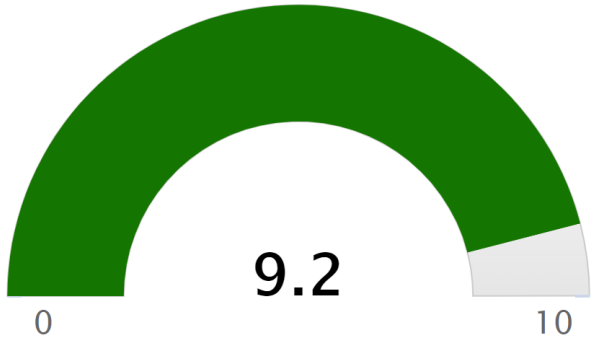
*16 responses*

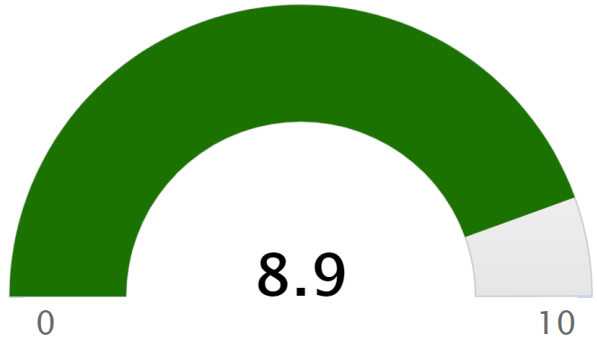



On a scale from 1 to 10, how would you rate the **contents** of the course?

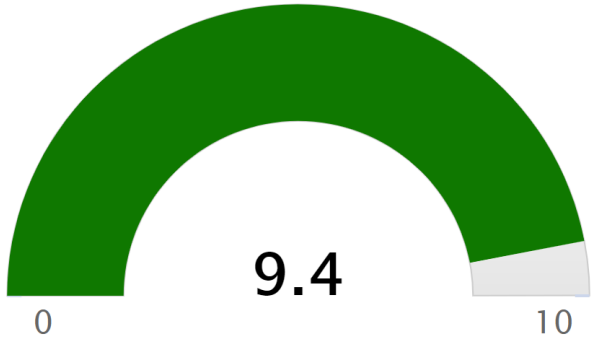
*16 responses*

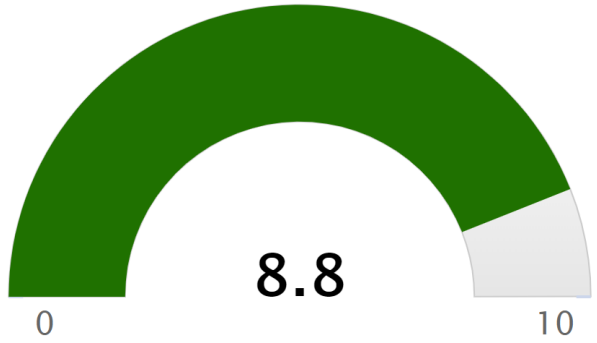



On a scale from 1 to 10, how would you rate the **organization** of the course?

*16 responses*

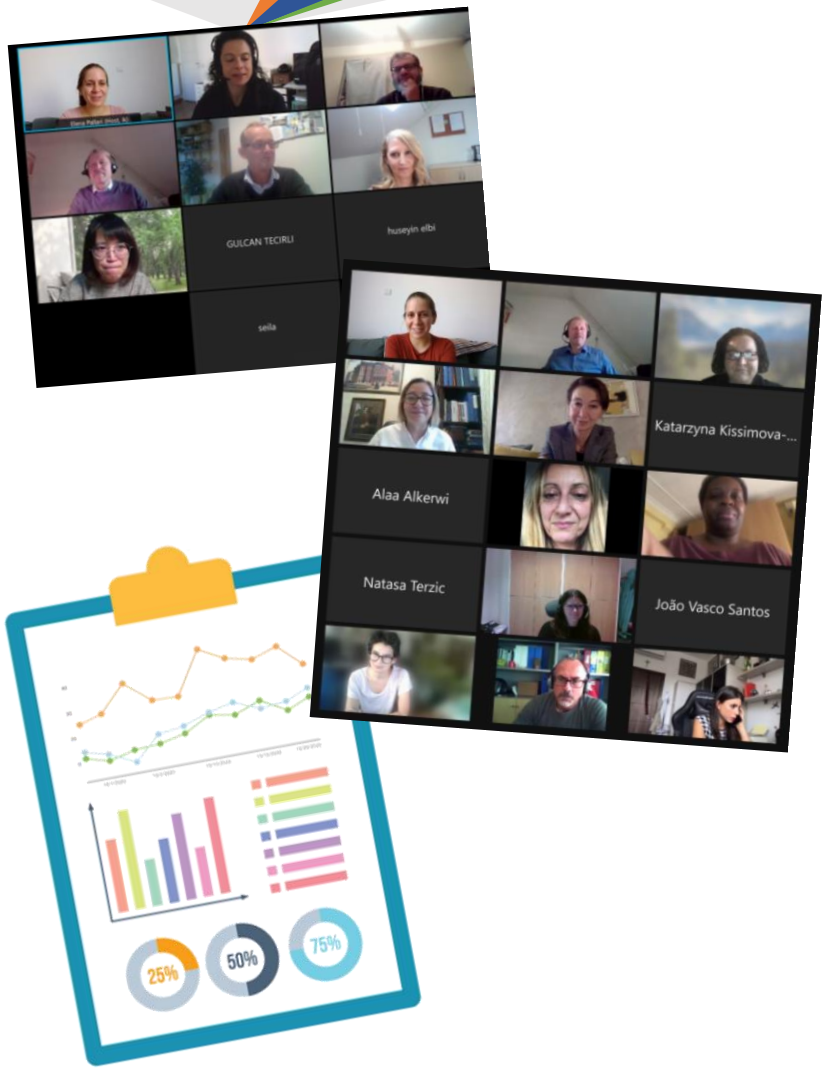



On a scale from 1 to 10, how would you rate the **instructors** of the course?

*16 responses*

# Virtual sessions of KT working group




- **Establish who has a mandate for BoD (e.g. National Institute for Public Health)**
- **Think of simplified ways of explaining the concepts of BoD**
- **How to link regional, national and global BoD initiatives**

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# Next steps

- Advanced Training School on Knowledge Translation
- Developing a working BoD KT framework
- Set-up examples to serve as prototypes for big, medium and small-size countries

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# Advanced principles and hands-on projects

- Re-introduce the working BoD KT model and apply it in practice
- Opportunity for participants to work on own country BoD KT project
- Identification of sources on participatory country members
- Identification of gatekeepers for each country
- Engagement with at-level policy-makers
- Development of a contact-point network for communication and collaboration within each country

Thank you for listening : )

Acknowledgements

COST Action CA18218 Workshop participants and collaborators

Please get in touch:

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