

FOSTERING METHODOLOGICAL ADVANCES AND TECHNICAL CAPACITY BUILDING

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Background

- COST Action 18218 – European Burden of Disease Network: <https://www.burden-eu.net>
- Launched 28/10/2019 (until 27/10/2023)
- More than 200 members of network from over 38 European countries and International Partner Countries (IPCs)
- Aim of COST Actionto integrate and strengthen capacity in burden of disease assessment across Europe and beyond

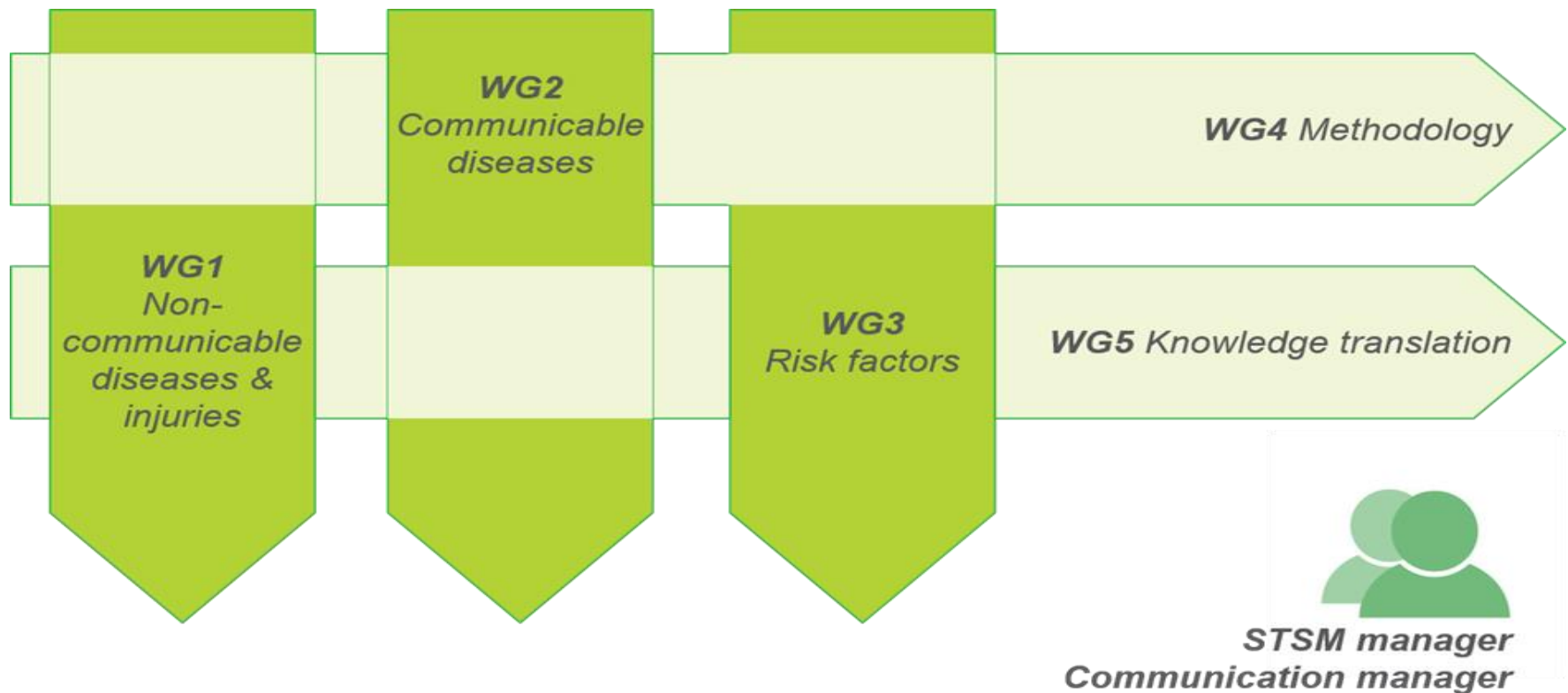
Fostering methodological advances and technical capacity building

- Five working groups (WG) established as part of COST action Burden of Disease Network
 - WG1: Non communicable diseases and injuries
 - WG2: Infectious diseases
 - WG3: Risk factors
 - WG4: Methods
 - WG5: Knowledge translation

<https://www.burden-eu.net/action/working-groups>

Fostering methodological advances and technical capacity building

Operational structure of the burden-eu COST Action



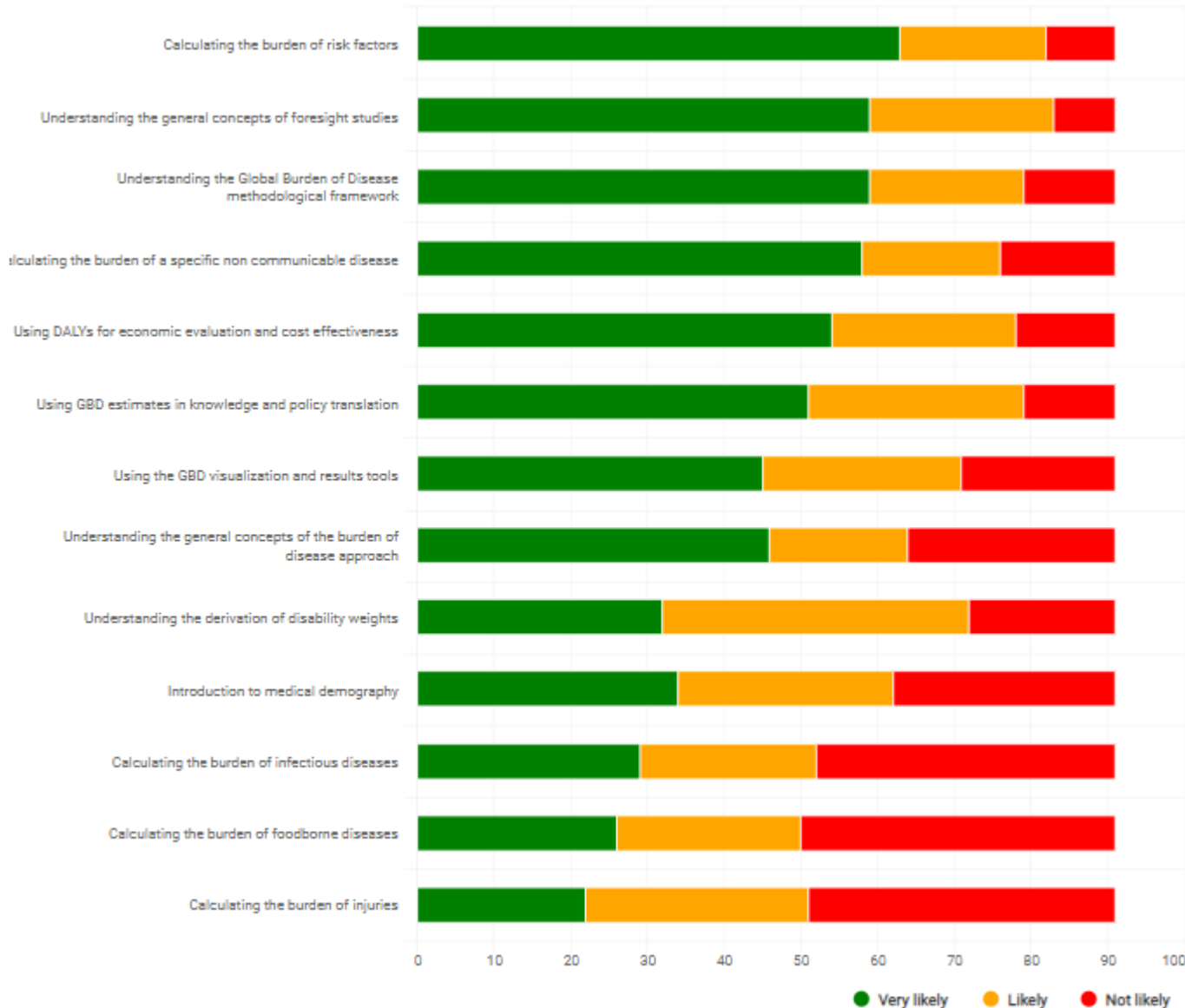
Fostering methodological advances and technical capacity building

- Key purpose of burden-eu - bring together experts and expertise across different domains to consolidate the current scattered burden of disease landscape
- Achieved through the following activities:
 - Development of a continuously updated database of burden of disease studies in Europe
 - Development of reporting guidelines for burden of disease studies, and DALY calculations in particular
 - Development of a standardized roadmap for national burden of disease studies
 - Development of a DALY calculation checklist
 - Development of standardized and open access training material, including massive open online courses (MOOCs)

Building capacity: Training Schools

- Organised on Action related research topics and provide dissemination opportunities for an Action's activities.
- Aim to strengthen capacity in burden of disease assessment across Europe.
- Provide intensive training in basic and emerging research topics within the organisations involved in the Action.
- Participants are mainly, but not exclusively, young researchers involved in the Action.
- Duration normally between three days and two weeks.

Developing a programme for burden-eu training schools:



Survey of burden-eu members:

- *How likely is it you would want to participate to the following training schools?*

- Do you have additional suggestions for training schools?

- How likely is it you would want to participate to a training school with the following durations?

- Do you have additional suggestions on the duration of the training schools?

Building capacity: Burden eu training schools:

- Carried out poll among COST Action members for topics to be covered in Actions first training schools
- First training School
 - General concepts of BoD
 - Covering YLL, YLD , theory and calculation
- Second training School
 - Advanced concepts of BoD
 - Risk factors: Forecasting: Health Impact Assessments
- Mix of lectures and practical exercises
- To be held in Belgrade, Serbia February/March 2021
- The training schools will be organized back-to-back over 5 days

Building capacity: Short-term Scientific Missions (SSTMs)

- Aim: to support individual mobility and strengthen the existing networks and fostering collaborations by allowing scientists to visit an institution in another participating COST country
- SSTMs should contribute to the scientific objectives of the burden-eu action
- SSTMs in general aim to be a focus for researchers wishing to contribute to the tasks of Working Groups (WGs).
 - Estimating the burden of diabetes in Malta (Malta/Belgium) – *Non communicable disease working group*
 - Methodological exchange on BoD topics- comorbidity, severity distributions (Germany, Belgium, Scotland and Netherlands) – *Methods working group*
- For eligibility criteria and how to apply: : <https://www.burden-eu.net/activities/short-term-scientific-missions>

Other activities in support of network

- Working Group meetings:
 - [18-19 February 2020, Copenhagen, Denmark](#)
 - 7-9 December, 'virtual'
- [Newsletters](#)
- [Spotlights](#): short (500-1000 words) blogposts:
 - Dr Aline Anton - Estimating headache prevalence and severity in Germany
 - Dr Zubair Kabir - Development of a Global Burden of Disease-Frailty Index
- **Do you want to get involved?**
 - Join us at: <https://www.burden-eu.net/network/join-the-network>
 - Follow on twitter: @BurdenEU



COST Action CA18218
European Burden of Disease Network