

Unscattering the burden of disease landscape: supporting interaction between existing burden of disease efforts

Juanita Haagsma, Erasmus MC, Rotterdam, The Netherlands

Marek Majdan, Trnava University, Slovakia

Sara Monteiro Pires, Technical University of Denmark, Denmark

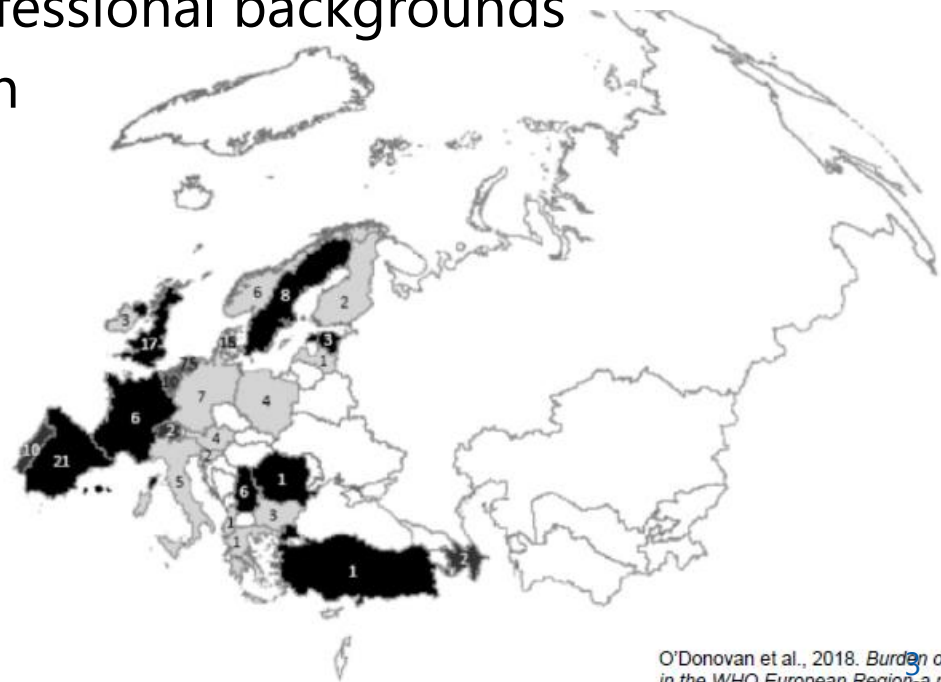
Ricardo Assuncao, National Institute of Health Doutor Ricardo Jorge, Portugal

Burden of disease studies

- What are the most relevant diseases in a country?
- Which risk factors are the strongest contributors to disease and death?
- How is the impact of different diseases evolving over time?
- How does it compare between and within countries?

BoD activities in Europe

- Burden of disease landscape in Europe is currently scattered
- Experts from diverse professional backgrounds
- Currently little interaction between these experts and existing BoD effort



Scattered BoD landscape

- Limited harmonization of existing efforts
- Variable technical capacity at country level
- No platform to support methodological advances
- Limited understanding of knowledge translation/policy transfer

European Burden of Disease Network

- The burden-eu COST Action will address these challenges
- A technical platform for integrating and strengthening capacity in burden of disease assessment across Europe and beyond



Burden-EU

- COST Action 18218 – European Burden of Disease Network
- Action lifespan: 28/10/2019 – 27/10/2023
- <https://www.burden-eu.net>
- Twitter @BurdenEU



Objectives

Research Coordination

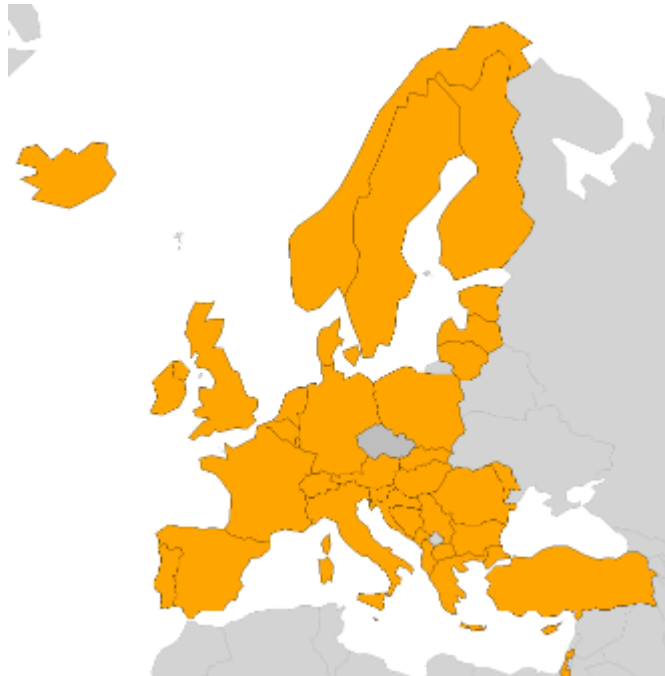
- **Bring together** experts and expertise across different domains, transforming the currently scattered burden of disease landscape into one transnational team
- **Compare and harmonize methods** and approaches for burden of disease assessment
- Identify critical **knowledge and data gaps**, and set up studies for which international coordination is needed
- Serve as an **advocacy group** for the burden of disease approach in Europe

Objectives

Capacity Building

- **Build and increase capacity** in burden of disease assessment across Europe
- Serve as a **technical platform** where knowledge and expertise can be shared among established and emerging researchers
- Promote an interdisciplinary approach that **integrates knowledge translation** in the classical burden of disease framework

Cost members



38 Action Parties

Albania	Lithuania
Austria	Luxembourg
Belgium	Malta
Bosnia & Herz	Moldova
Bulgaria	Montenegro
Croatia	Netherlands
Cyprus	North Macedonia
Denmark	Norway
Estonia	Poland
Finland	Portugal
France	Romania
Germany	Serbia
Greece	Slovakia
Hungary	Slovenia
Ireland	Spain
Israel	Sweden
Italy	Switzerland
Latvia	Turkey
	United Kingdom

Activities: mapping of BoD studies

- Map existing activities in the COST region
(e.g. year of study, included data sources, methodologic approach and collaborations with institutes of other countries)
- The survey has been completed for over 70 studies that have been carried out in twelve countries

Activities: comparison of BoD studies

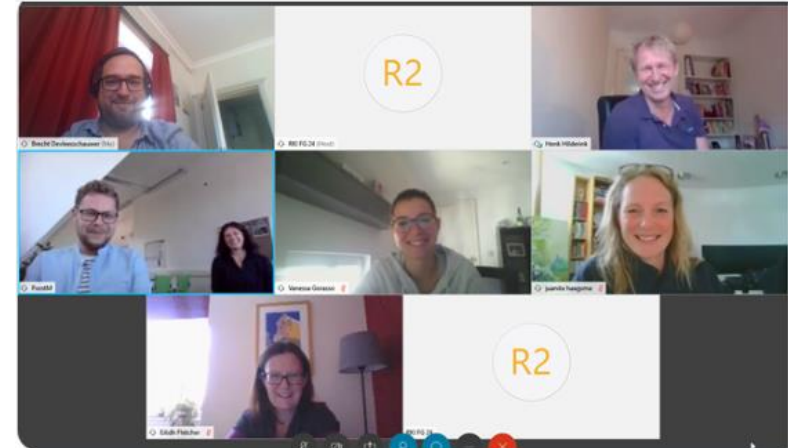
- Identification of the various domains for which burden of disease has been assessed
- Highlight methodological differences as well as similarities
- Facilitate improvements and harmonization of methods and approaches

Deliverables – BoD database

- Burden of disease database
- Lists all past and current burden of disease activities
- Continuously updated
- <https://www.burden-eu.net>

Activities: networking

- Facilitate regular meetings and workshops



Unscattering the BoD landscape

- Move beyond the currently scattered burden of disease landscape
- Increase interaction between professionals and burden of disease efforts



More info on European BoD network?

- <https://www.burden-eu.net>
- Twitter @BurdenEU
- Newsletters

- Want to join the Burden EU network?
Go to:
<https://www.burden-eu.net/network/join-the-network>