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# Welcome and presentation of COST Action CA18218–European Burden of Disease Network. Presented at the burden-eu 1st Working Group meeting, 18–19/02/2020, Copenhagen, Denmark.

**Presentation** · February 2020

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# Welcome !

COST Action CA18218

*European Burden of Disease Network*

**1<sup>st</sup> Working Group Meeting • 18-19 Feb 2020**

**[www.burden-eu.net/DTU2020](http://www.burden-eu.net/DTU2020)**

# Program in a nutshell

Tuesday 18 Feb	Wednesday 19 Feb
<b>Introductions</b>	<b>Invited speakers</b>
<i>Coffee break</i>	<i>Coffee break</i>
<b>Abstract sessions</b>	<b>WG sessions conclusions</b>
<i>Lunch</i>	<i>Lunch</i>
<b>WG sessions</b>	<b>MC meeting</b>
<i>Coffee break</i>	<i>Coffee break</i>
<b>WG sessions</b>	

A photograph of a snowy street scene in a European city. In the background, there are several colorful buildings with multiple windows. A red boat is docked on the left side of the street. A person is riding a bicycle on the right side of the street. A blue banner with white text is overlaid across the middle of the image.

[www.burden-eu.net/DTU2020](http://www.burden-eu.net/DTU2020)

# INTRODUCING COST ACTION CA18218

1<sup>st</sup> Working Group Meeting • 18 Feb 2020

DTU Food, Kgs Lyngby, Denmark

[brecht.devleesschauwer@sciensano.be](mailto:brecht.devleesschauwer@sciensano.be)

# Objectives

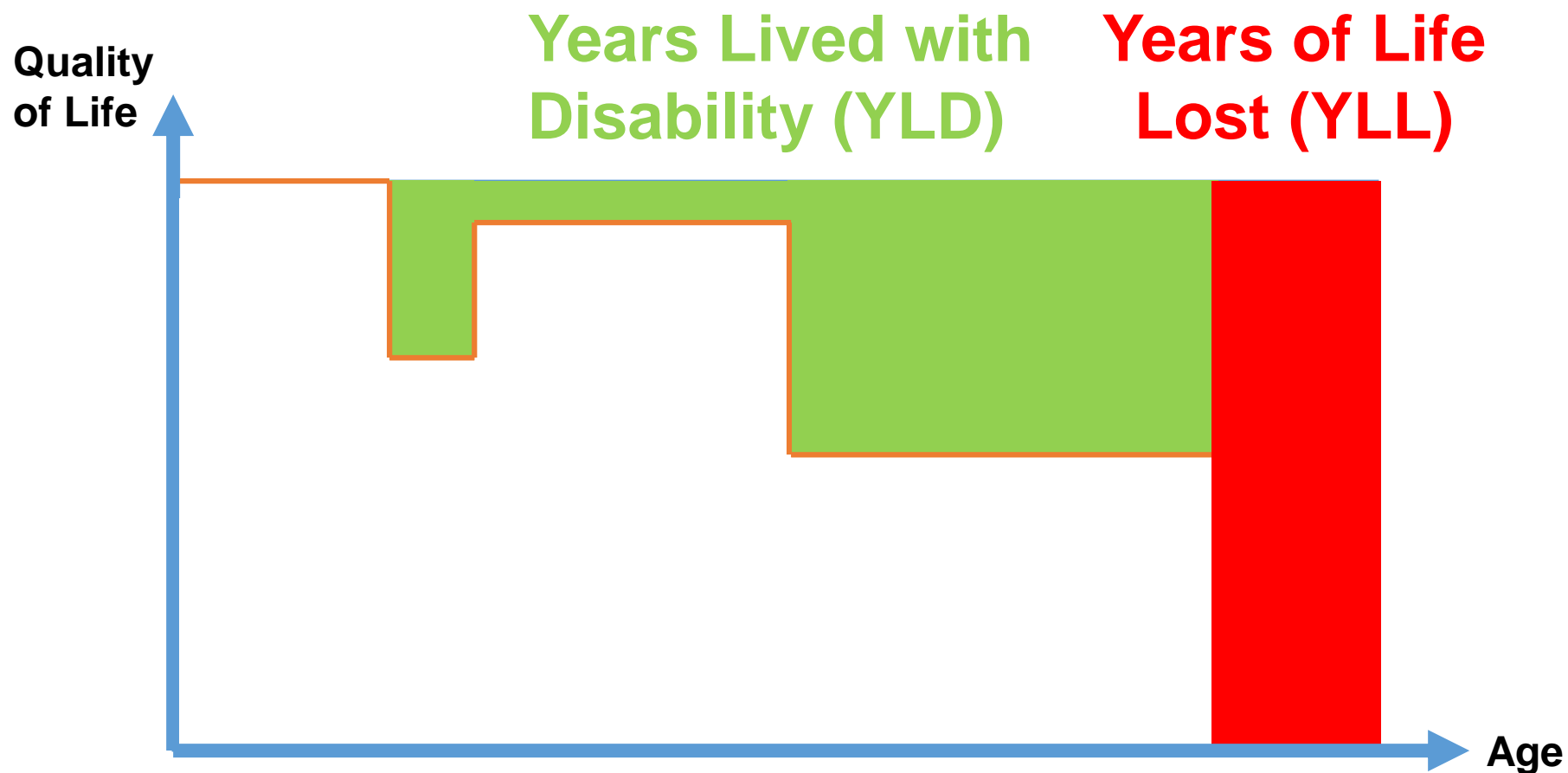
COST Action CA18218

*European Burden of Disease Network*

# Background

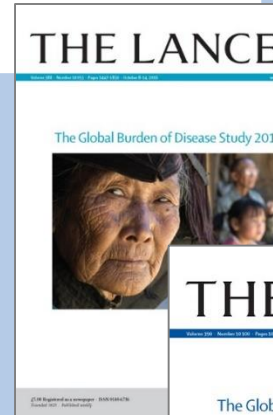
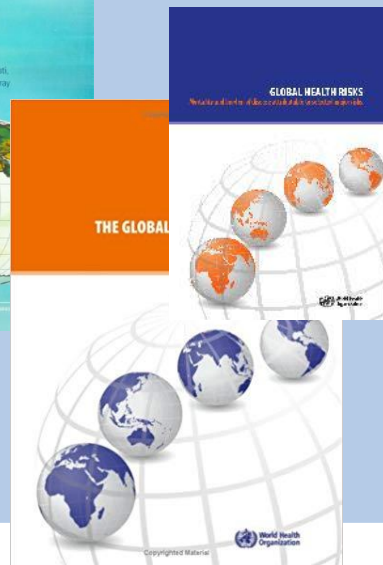
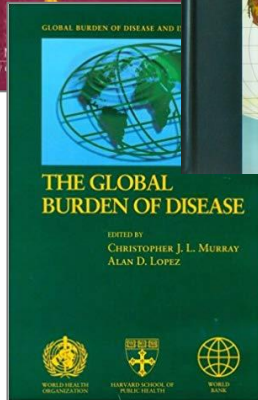
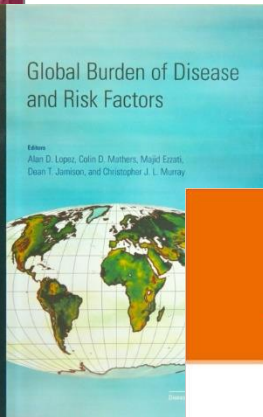
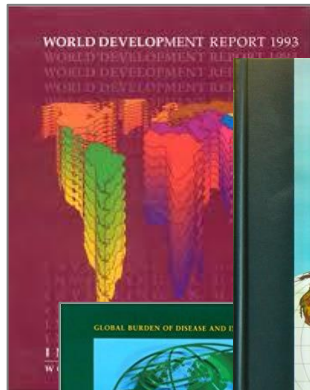
- What are the most relevant diseases in a country?
- Which risk factors are the strongest contributors to disease and death?
- How is the impact of different diseases evolving over time?
- How does it compare between and within countries?

# Disability-Adjusted Life Years (DALYs)

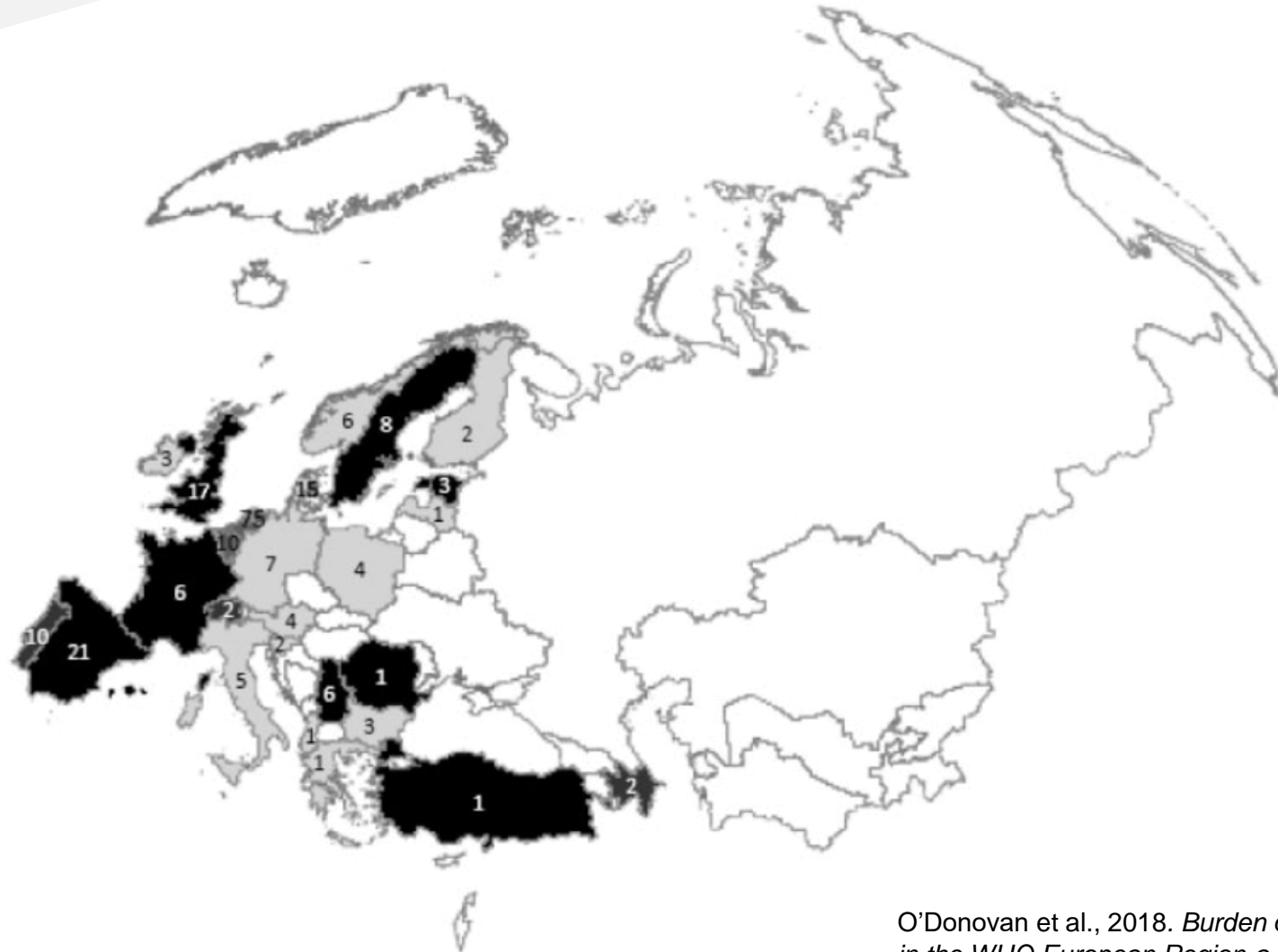




# Global Burden of Disease



# BOD activities Europe



O'Donovan et al., 2018. *Burden of disease studies in the WHO European Region-a mapping exercise.*

# BOD activities Europe



# Objectives

BOD plays an increasingly important role in PH decision making

- ↔ variable technical capacity at country level
- ↔ limited harmonization of existing efforts
- ↔ no platform to support methodological advances
- ↔ limited understanding of knowledge translation/policy transfer

## burden-eu objective

- **Technical platform for integrating and strengthening capacity in burden of disease assessment across Europe and beyond**

# Objectives

## Research Coordination

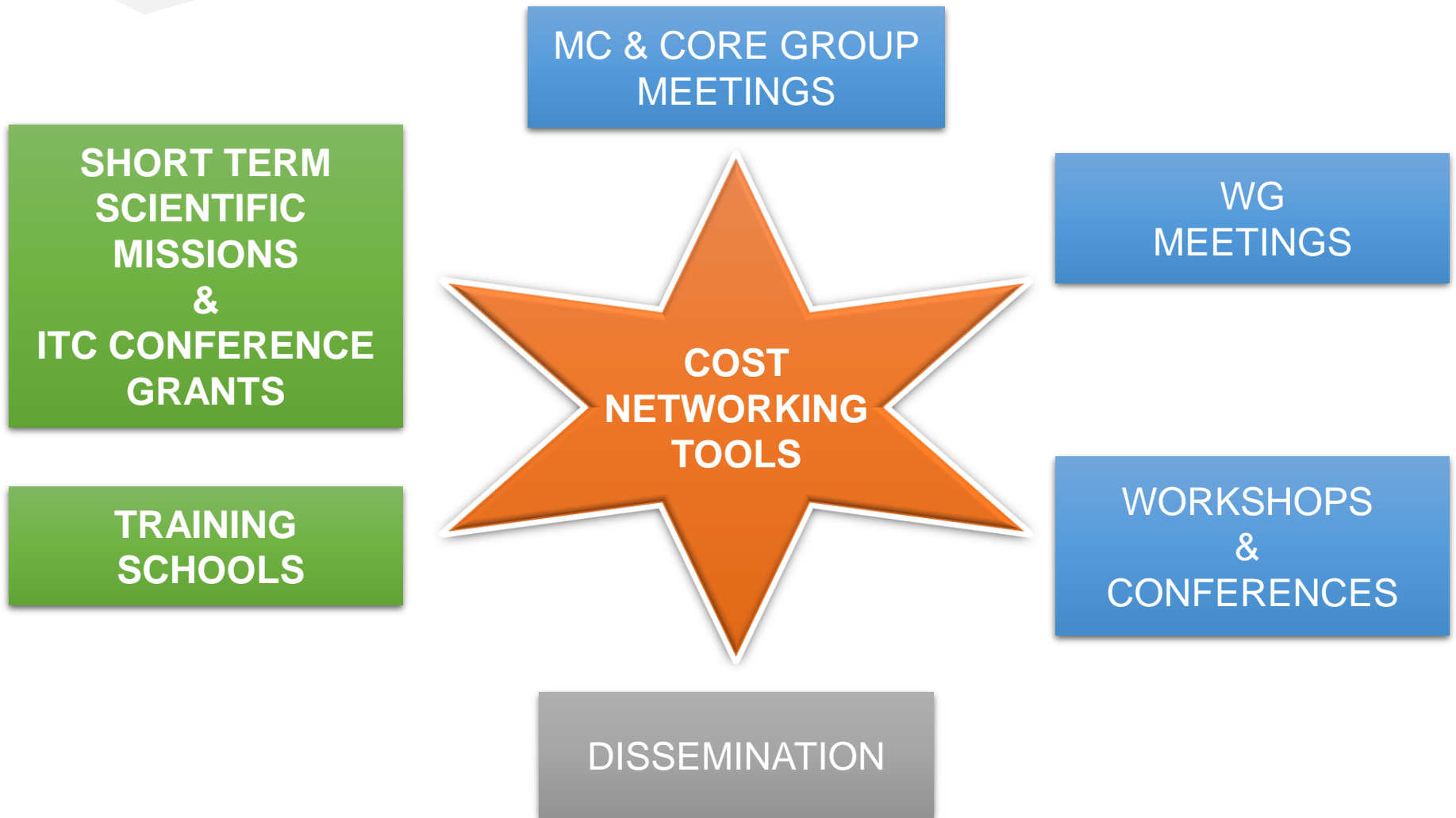
- **Bring together** experts and expertise across different domains, transforming the currently scattered burden of disease landscape into one transnational team
- **Compare and harmonize methods** and approaches for burden of disease assessment
- Identify critical **knowledge and data gaps**, and set 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 Networking Tools



# COST Policies

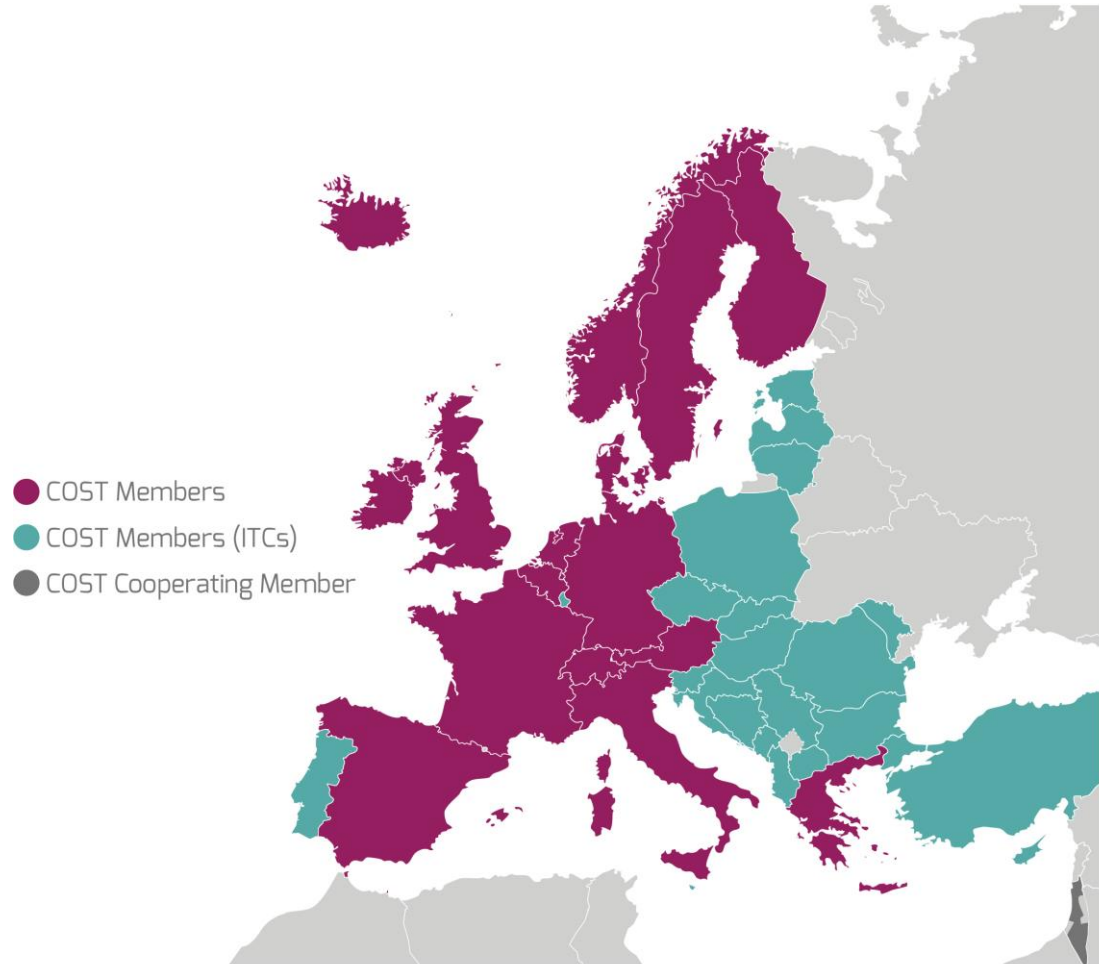




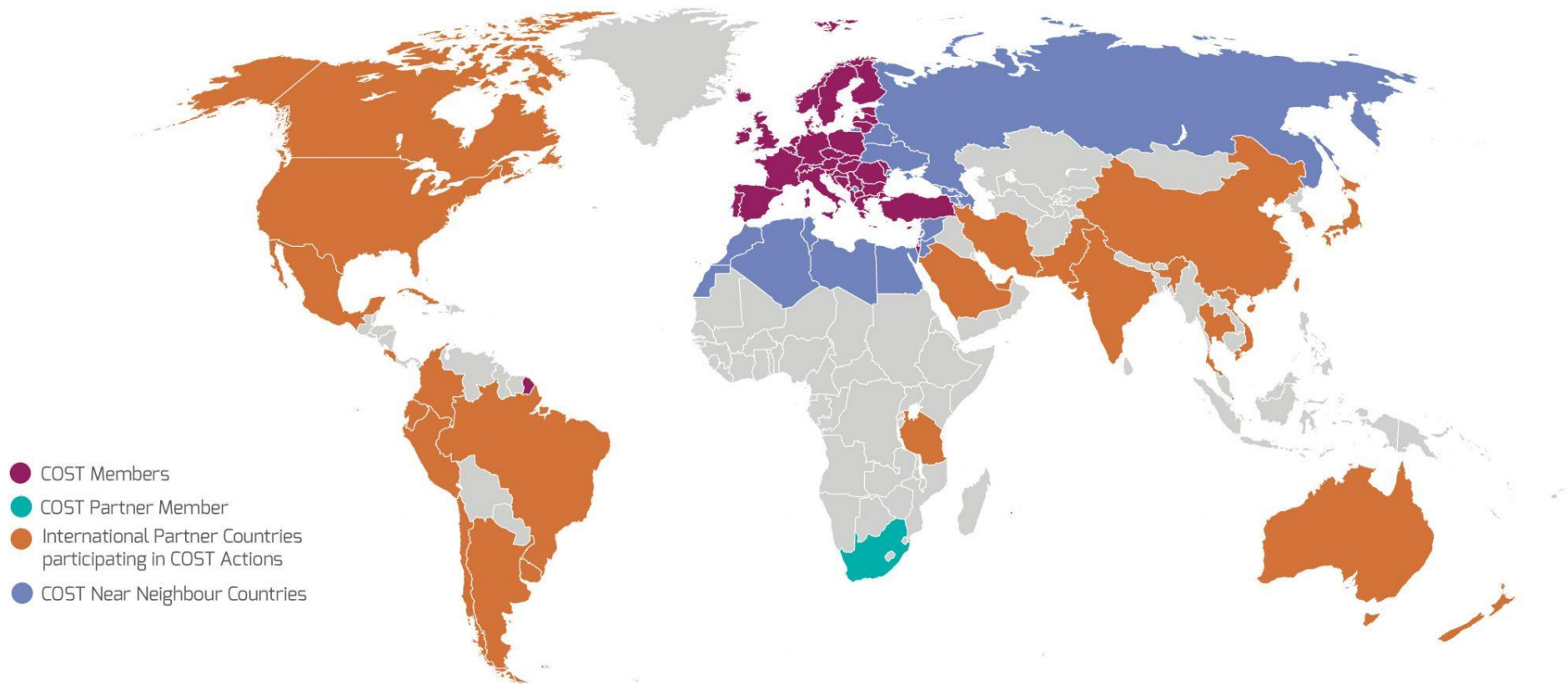
# COST Member Countries

## Inclusiveness Target Countries

Albania  
Bosnia and Herzegovina  
Bulgaria  
Croatia  
Cyprus  
Czech Republic  
Estonia  
Hungary  
Latvia  
Lithuania  
Luxembourg  
Malta  
Moldova  
Montenegro  
North Macedonia  
Portugal  
Romania  
Serbia  
Slovakia  
Slovenia  
Turkey



# COST Global Networking



+ International Organizations

# Who are we?

COST Action CA18218

*European Burden of Disease Network*



A photograph of a snowy street scene in a European city. In the foreground, a person is riding a bicycle from right to left. A red and white boat is on display on the snow-covered ground. In the background, there are colorful buildings with many windows. A black lamppost is on the left. A blue banner with white text is overlaid in the center.

**204 members**

A map of Europe and its surrounding regions, including parts of North Africa, the Middle East, and Iceland. 37 countries are highlighted in orange, representing the Schengen Area. These include all countries in Western and Northern Europe, as well as Greece, Turkey, and Cyprus. Several countries in Eastern Europe and the Balkans are shown in light gray, indicating they are not part of the highlighted group. A blue rectangular box with white text is overlaid on the map, stating "37 countries".

**37 countries**



**World Health  
Organization**

European

**Observatory**



on Health Systems and Policies

a partnership hosted by WHO



**Ecole Nationale de Médecine  
Vétérinaire de Sidi Thabet**



**UNIVERSITY OF  
WATERLOO**



**和洋女子大学**

Wayo Women's University

# Management structure

COST Action CA18218

*European Burden of Disease Network*

# Structure

Grant Holder

COST Action Chair  
and Co-Chair

Transversal  
Coordinators  
*STSM, SciCom*

WG Leaders and  
Co-Leaders

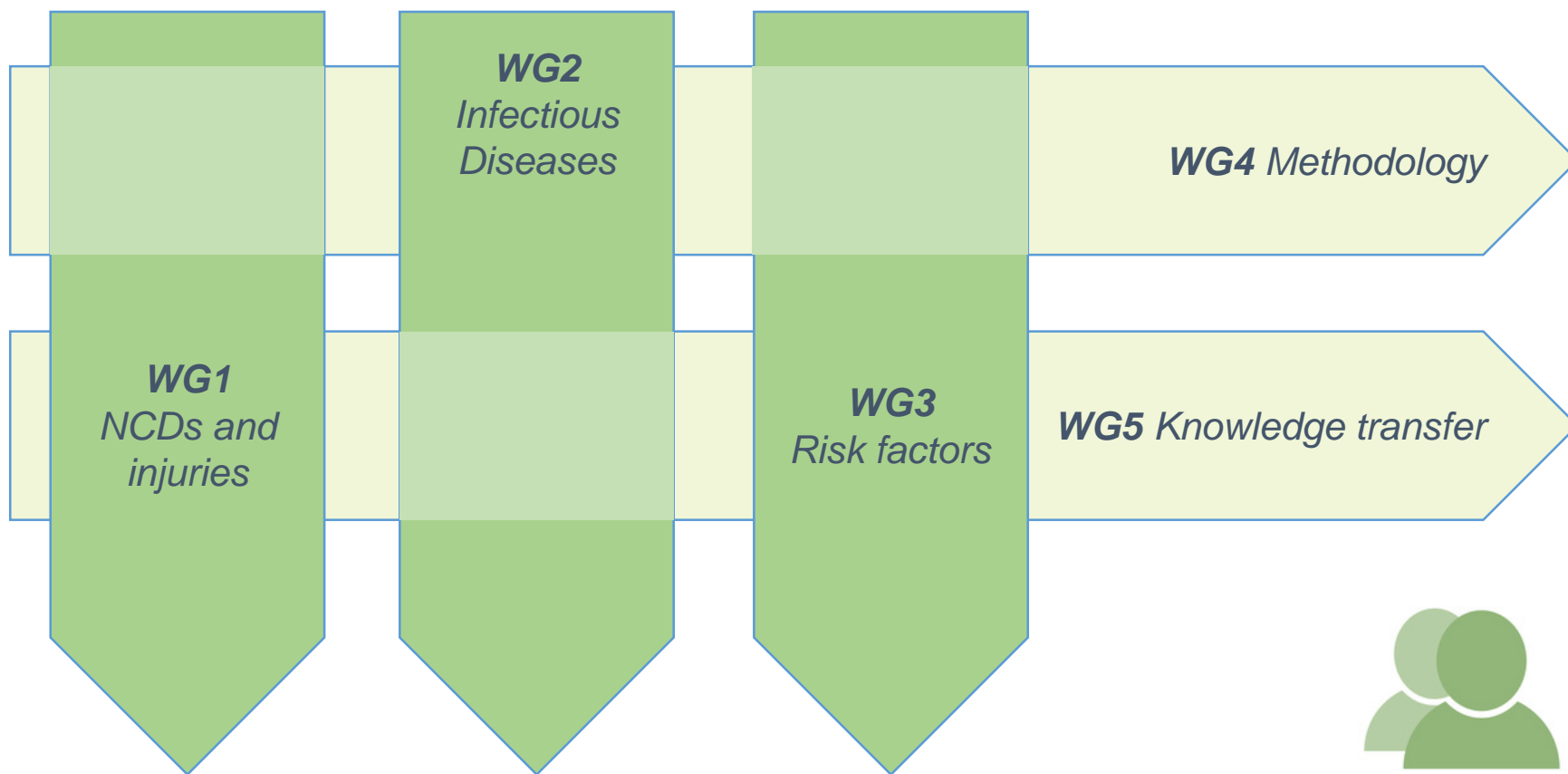
***Core Group***

***Management Committee Members***

***Working Group Members***



# Working groups



**STSM/ITC-CG coordinator**  
**Science Communication Manager**

# Core group

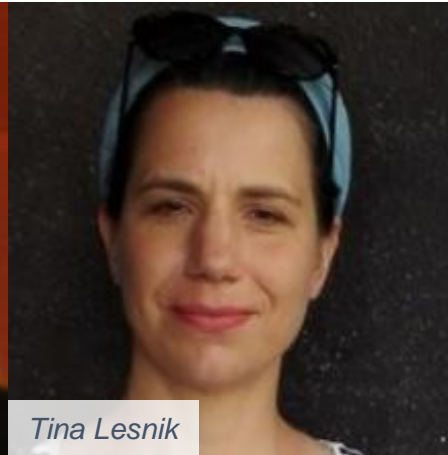
**Action  
Chair**



**Action  
Vice-Chair**



**STSM/ITC-CG  
Coordinator**



**Sci Com  
Manager**



# Core group

## WG1

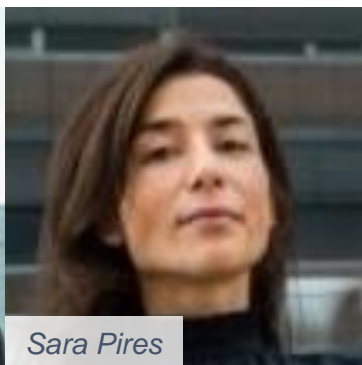
NCDs & Injuries



Juanita Haagsma

## WG2

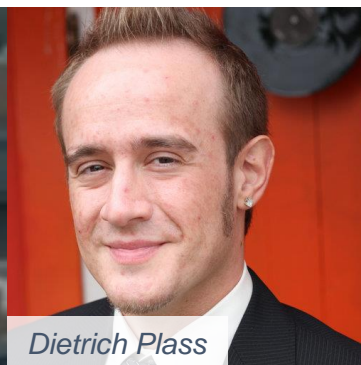
Infectious disease



Sara Pires

## WG3

Risk factors



Dietrich Plass

## WG4

Methodology



Elena von der Lippe

## WG5

Knowledge transfer



Henk Hilderink



Marek Majdan



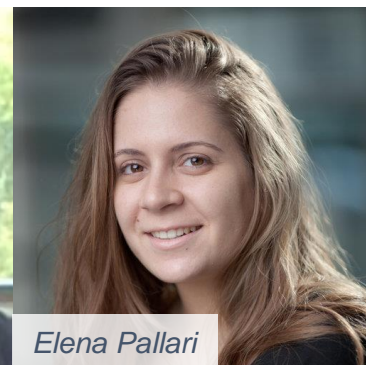
Ricardo Assunção



Jane Idavain



Ian Grant



Elena Pallari

# Partnerships

COST Action CA18218

*European Burden of Disease Network*

# Partnerships

- **[burden-eu] aims to complement and support existing networks**
- IHME, network of GBD collaborators
- InfAct, BOD workshops
- WHO/EURO European Burden of Disease Network