



ENBEL

Connecting HEALTH & CLIMATE CHANGE



By bringing together leaders in climate change and health research, the project 'Enhancing Belmont Research Action to support EU policy making on climate change and health (ENBEL)' aims to support EU, international and national policy making with the aim of shaping low-carbon economies and build climate resilience.

ENBEL coordinates a network of major international health and climate research projects under the Belmont Forum's Collaborative Research Action (CRA) on Climate, Environment and Health (CEH), EU-funded and relevant nationally funded projects.

The project will engage with policymakers and key stakeholders at EU, national and international level, as well as in low and middle income countries (LMIC).

Climate change and health links

Climate change is according to the WHO the greatest threat to human health in the 21st century. ENBEL will synthesise science-based evidence on climate change and health links, identify knowledge gaps and co-produce with stakeholders a series of tailor-made knowledge products.

The key thematic focus is on environmental and occupational heat, air pollution (including from wildfires) and climate-sensitive infectious diseases, with specific attention given to high-risk groups and populations.

Networking and cooperation

The overall concept of ENBEL is a bottom-up approach to networking and cooperation across the often separate worlds of climate and health research communities.

ENBEL draws upon research on climate and health in Europe, incl. the Arctic region, East and Southern African regions, the Asia-Pacific region, and the South and Central Americas.

Together the partners have competencies in medicine, epidemiology, public health, climate and air quality modelling, health impact assessment, economics, science and policy communication and stakeholder engagement.

“Climate change is already affecting public health. Collaboration between climate change and health researchers is needed to understand and mitigate the health risks.”

Kristin Aunan, Senior Researcher at CICERO Center for International Climate Research and project coordinator of ENBEL



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ENBEL is a 36-month project (Coordination and Support Action) coordinated by CICERO Center for International Climate Research in Norway and involves 17 partners from European countries as well as from Botswana, Kenya, and South Africa. ENBEL runs from November 2020 until October 2023. This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101003966



Partners in ENBEL

- CICERO Center for International Climate Research, Norway (Coordinator)
- University of the Witwatersrand, South Africa
- London School of Hygiene and Tropical Medicine, UK
- Umeå University, Sweden
- Graz University, Austria
- Department of Epidemiology ASL Roma 1, Italy
- University of Tartu, Estonia
- Norwegian Institute of Public Health, Norway
- Royal College of Surgeons in Ireland, Ireland
- Health and Environment Alliance, Belgium
- Red Cross Red Crescent Centre on Climate Change and Disaster Preparedness, Netherlands
- Aga Khan University – East Africa, Kenya
- INSERM-Université Toulouse III Paul Sabatier, France
- University of Gothenburg, Sweden
- Finnish Meteorological Institute, Finland
- Lund University, Sweden
- University of Botswana, Botswana

Key people and main activities in ENBEL

- **Kristin Aunan, CICERO (Norway)**
Project coordinator
- **Gunnell E. Sandanger, CICERO (Norway)**
Deputy project coordinator
- **Sigrid Rian Song, CICERO (Norway)**
Project manager
- **Joacim Rocklöv, Umeå University (Sweden)**
Networking and coordination (WP2)
- **Matthew Chersich, University of Witwatersrand (South Africa)**
Synthesis of research (WP3)
- **Sari Kovats, London School of Hygiene and Tropical Medicine (UK)**
Policy engagement (WP4)
- **Miriam Stackpole Dahl, CICERO (Norway)**
Dissemination and communication (WP5)

Research projects represented in ENBEL

Belmont Forum

Health effects and associated socio-economic costs of increasing temperatures and wildfires - A global assessment (HEATCOST)

Arctic Community Resilience to Boreal Environmental change: Assessing Risks from fire and disease (ACRoBEAR)

Climate, heat and maternal and neonatal health in Africa (CHAMNHA)

Addressing Extreme Weather-Related Diarrheal Disease Risks in the Asia Pacific Region (AWARD-APR)

Protection Resilience Efficiency and Prevention for workers in industrial agriculture in a changing climate (PREP)

Community collective action to respond to climate change influencing the environment health nexus (CCCEHN)

Building New Tools for Data Sharing and Re-use through a Transnational Investigation of the Socioeconomic Impacts of Protected Areas (PARSEC)

EU H2020

Exposure to heat and air pollution in Europe – cardiopulmonary impacts and benefits of mitigation and adaptation (EXHAUSTION)

Integrated inter-sector framework to increase the thermal resilience of European workers (HEAT-SHIELD)

CAScading Climate risks: towards Adaptive and resilient European Societies (CASCADES)

Building European Communities' Resilience and Social Capital (BuildERS)

Translating climate service information into personalised adaptation strategies to cope with thermal climate stress (ClimApp)

JPI Climate ERA4CS