

# The HIA4SD Project

Health impact assessment for engaging natural resource  
extraction projects in sustainable development in producer regions



**Swiss Programme for Research  
on Global Issues for Development**

PD Dr. Mirko WINKLER

**HIA4SD Project multi-stakeholder meeting**  
Dodoma, Tanzania  
12 August 2021





# SUSTAINABLE DEVELOPMENT GOALS



## Introduction

- **Health is a cross-cutting issue of the 2030 SDG agenda**
    - Health outcomes
    - Determinants of health
- } **33 health-related SDG indicators (total 230)**  
(*GBD 2015 SDG Collaborators, Lancet, 2016*)



- **By minimising risks and maximising opportunities:**
  - **Win** (local communities) – **win** (countries) – **win** (projects)
    - **Smart planning → prospective impact assessment**

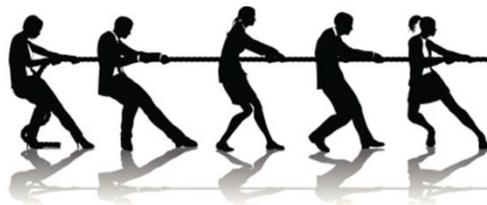
## Introduction

- **Environmental impact assessment (EIA) common practice**
- **In Africa, not a single country is actively promoting HIA**
- **Health included under EIA**
  - Strong focus on environmental of health
  - Poor methodological guidance
  - Weak inclusion of health sector
  - Weak evidence-base

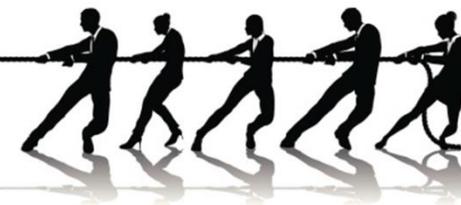


Countries/regions promoting HIA (Winkler et al. Bull WHO (2013))

**Resource extraction projects**



**Public sector**



## Overarching objective

- **Inform and facilitate a policy dialogue that will strengthen the application of impact assessment as a regulatory mechanism:**
  - To avoid negative effects of resource extraction projects on health-related SDGs; and
  - To more actively engage resource extraction projects – and any other large infrastructure developments – in the SDG 2030 agenda.

## The future of impact assessment

Integrated impact assessments	Intersectoral collaboration
Policies and methodological guidelines that embrace the SDG 2030 agenda	

## Methodology

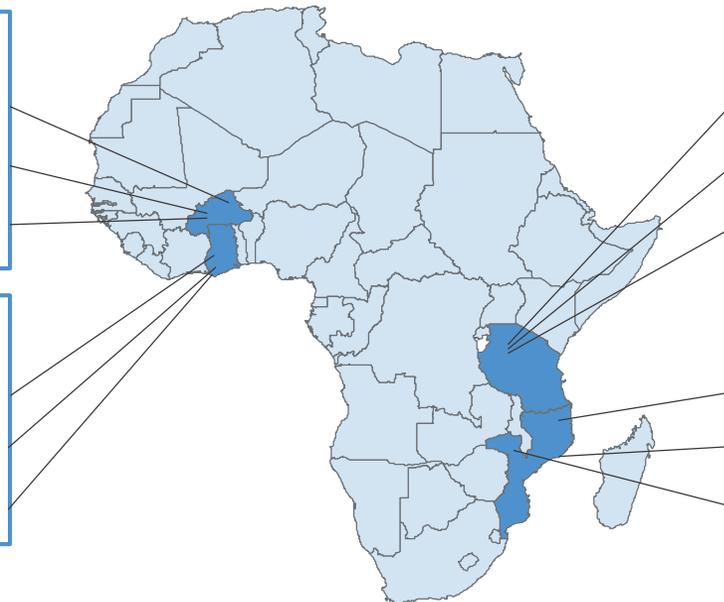
- **Diverse research portfolio:**
  - Multidisciplinary and transdisciplinarity: epidemiology/public health, political sciences
  - Qualitative, quantitative and "mixed-methods" approaches
  - Research at the regional (sub-Saharan Africa), national (project countries) and local (three active mining areas per country) levels

### Burkina Faso

- Nordgold Mine (Bissa)
- Roxgold Mine (Bagassi)
- Endeavour Mine (Houndé)

### Ghana

- Newmont Ahafo Gold Mine (Asutifi)
- Tarkwa Manganese Mine
- Edikan Gold Mine (Ayanfuri)



### Tanzania

- Geita Gold Mine
- Bulyanhulu Gold Mine
- Buzwagi Gold Mine

### Mozambique

- Montepeuz Ruby Mine
- Kenmare Titanium Mine (Moma, Larde)
- Moatize Coal Mine

## Organisation of the project

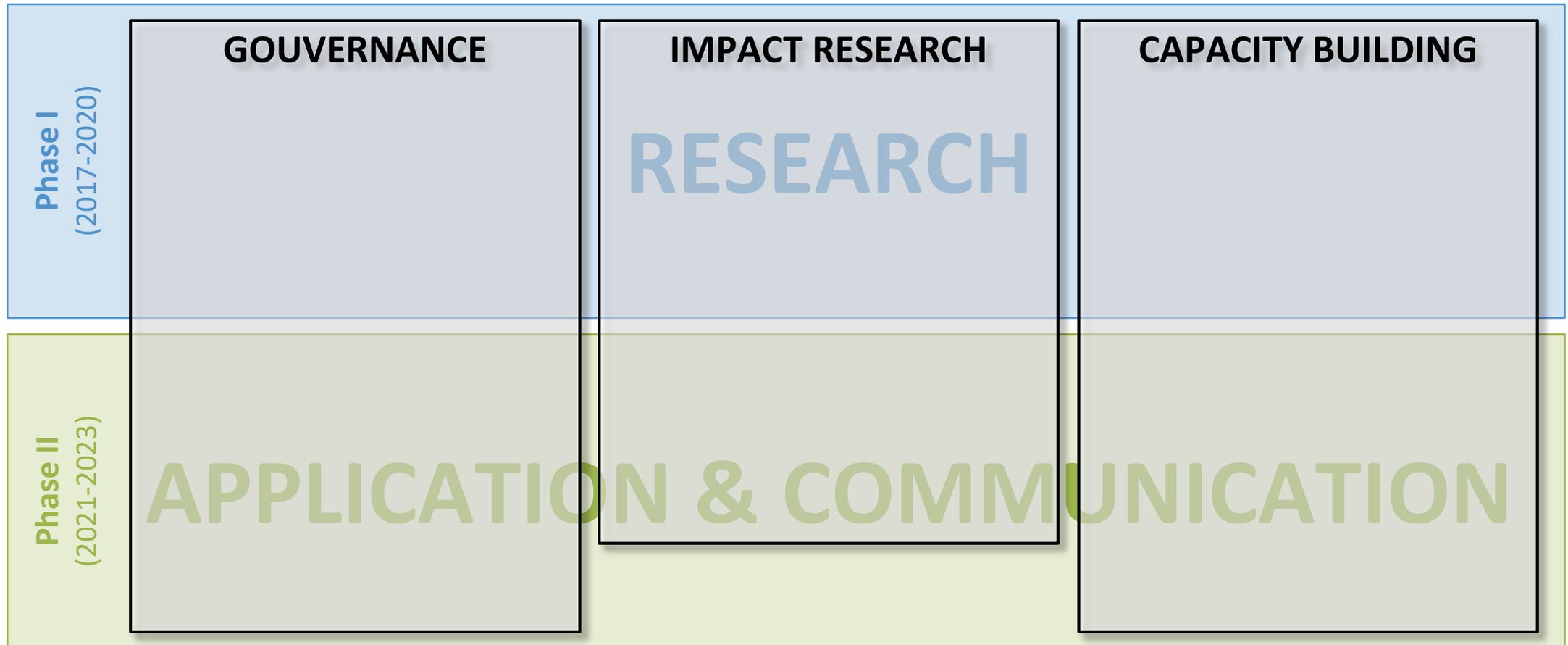
Phase I  
(2017-2020)

RESEARCH

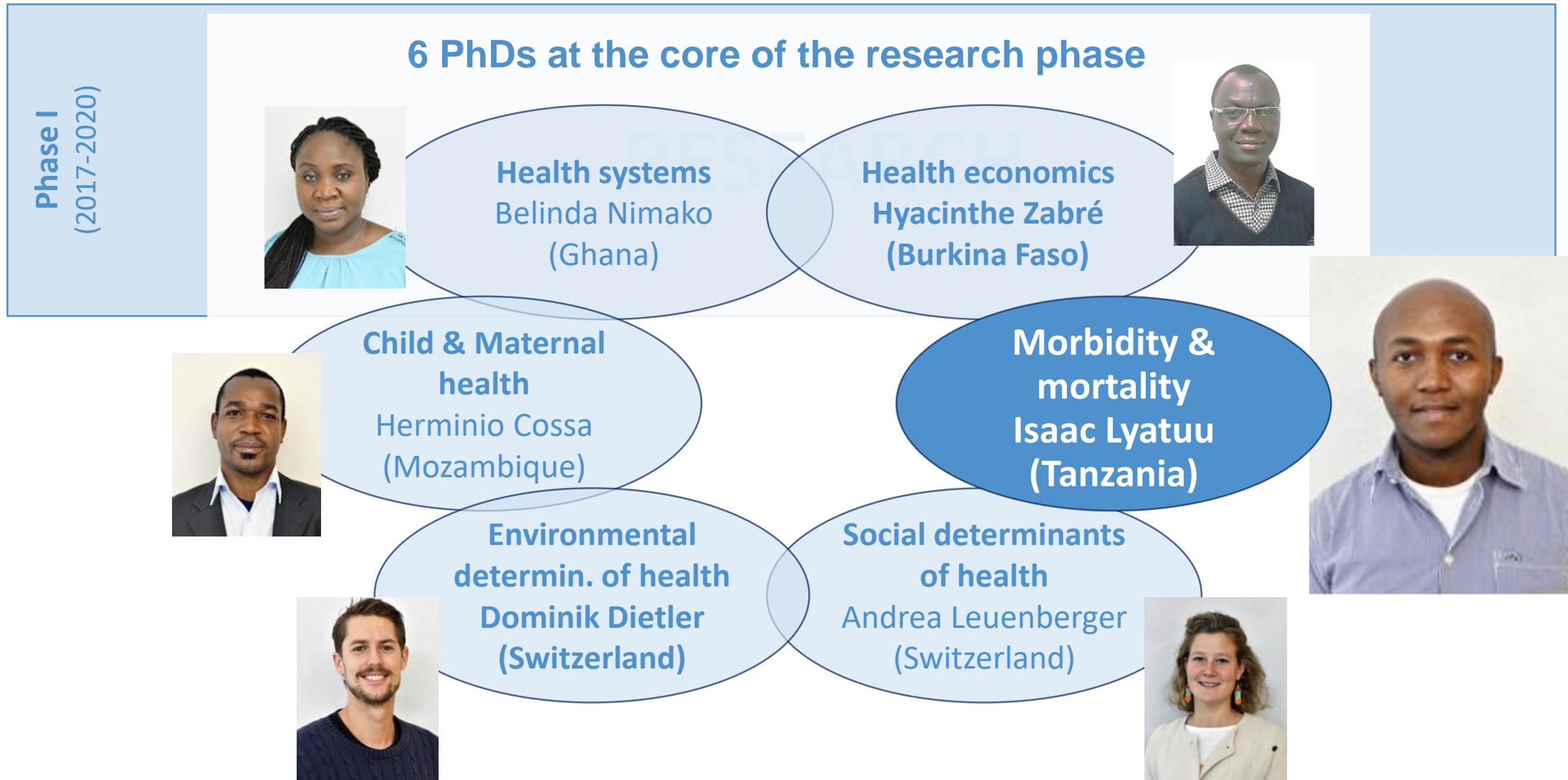
Phase II  
(2021-2023)

APPLICATION & COMMUNICATION

# Organisation of the project



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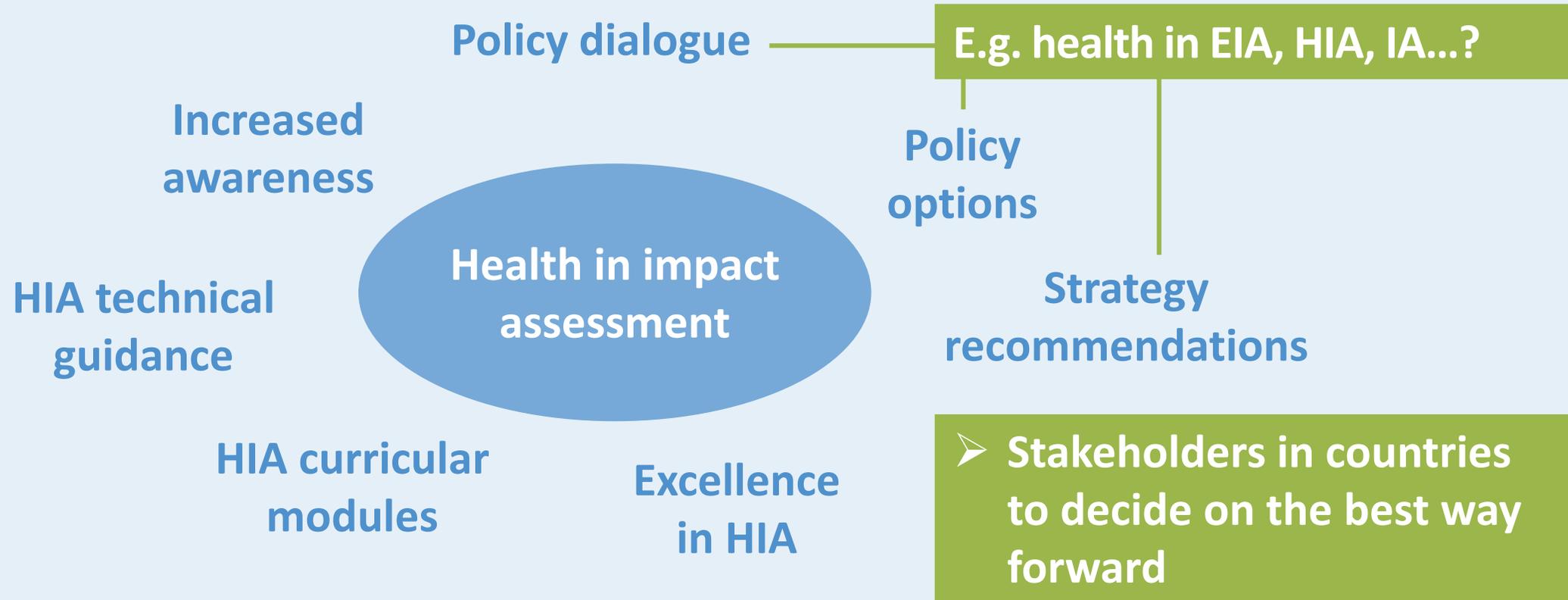
## Organisation of the project

- **Dissemination of results at the national and local level**
- **Policy options and policy dialogue**
- **Teaching and training in health impact assessment**  
(post-graduate course and integration at universities)

Phase II  
(2021-2023)

# APPLICATION & COMMUNICATION

# Contributions of the project (in addition to scientific evidence)



## Further information

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## Project sponsor



**Swiss Programme for Research  
on Global Issues for Development**

[www.r4d.ch](http://www.r4d.ch)

The r4d programme finances research partnerships between Switzerland and African, Asian and Latin American countries in order to provide policy-makers with scientific and development-relevant knowledge.

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