



EXPERT DISCUSSION: Climate Risk Management for Infrastructure – Building Adaptive Capacity and Furthering NAP Implementation



2nd of May, 11:30 – 14:00 hrs, Room “Saal Donau” (GIZ HQ)

Synopsis

Every year, emerging economies and developing countries invest billions into long-term infrastructure projects. Not considering climate change can lead to misguided investments causing considerable risks of infrastructure damage with serious consequences for the economy and society. Climate-smart infrastructure investments can ensure long-term efficiency and resilient development pathways. Mainstreaming climate risk management into the infrastructure investment planning process is a key approach for achieving this.

The objective of the event is to share and discuss the experiences of Brazil and Costa Rica in strengthening the climate resilience of infrastructure in the context of their national adaptation planning and to examine the challenges and opportunities of mainstreaming climate risk management into infrastructure planning. One key challenge discussed is that of enhancing the provision and use of as well as access to Climate Information and Services.

The port of Itajaí (Brazil) and the Guardia Bridge (Costa Rica) are presented as case studies of the application of the Protocol for the

climate vulnerability assessment of infrastructure, developed by Engineers Canada, and serve as practical examples for climate risk assessments as essential element of climate risk management.

The event is organised in the context of the global project Climate Services for Infrastructure Investments (CSI). CSI has set out to empower decision-makers to make greater use of Climate Services and adopt risk management approaches when planning infrastructure investments. The project is implemented by the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH on behalf of the German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU). Engineers Canada and the German Meteorological Service (DWD) are implementation partners of the project. In Brazil and Costa Rica, the Climate Change Departments of the Ministry of the Environment (MMA) and the Ministry of the Environment and Energy (MINAE), respectively, are the lead executing agencies of the CSI project. Other partner countries and regions are the Nile Basin (represented by the Nile Basin Initiative) and Vietnam.



Key Questions:

- ❖ What are challenges and potentials of mainstreaming climate risk management into infrastructure investment planning?
- ❖ How can mainstreaming of climate risk management into infrastructure planning serve NAP implementation?
- ❖ How can the use and provision of Climate Information and Services serve national adaptation planning and what are the associated challenges?

Outline

- ❖ **WELCOME NOTE**
GIZ (TBC)
- ❖ **KEY NOTE – The National Adaptation Plan of Costa Rica: The Role of Infrastructure**
Andrea Meza, MINAE, Costa Rica
- ❖ **INPUT - Introduction of the Climate Risk Assessment Pilots: The Port of Itajaí (Brazil) and the Guardia Bridge (Costa Rica)**
Brazil: José Miguez, MMA, Brazil
Costa Rica: Andrea Meza, MINAE, Costa Rica
- ❖ **PANEL DISCUSSION**
Moderator: Dr. Niklas Baumert, GIZ
- ❖ **WRAP UP**

Speakers & Panelists

Andrea Meza, Costa Rica – Ministry of the Environment and Energy (MINAE), Director of the Department of Climate Change

José Miguez (TBC), Brazil - Ministry of the Environment (MMA), Director of the Department for Climate Change Policy

David Lapp (FEC, P.Eng. IRP), Engineers Canada, Practice Lead, Globalization and Sustainable Development

Darrel Danyluk (P.Eng. FCAE, FEIC, FCSCE, FEC), Chair of the Public Infrastructure Engineering Vulnerability Committee (PIEVC) and the WFEO Committee on Engineering and the Environment

Stefan Rösner (TBC), Deutscher Wetterdienst (DWD), Head of the Division for „Regional Climate Monitoring“

Benjamin Hodick, GIZ, Head of Project „Climate Services for Infrastructure Investments (CSI)“

Moderators: **Dr. Niklas Baumert**, GIZ, Advisor “Climate Services for Infrastructure Investments (CSI)” & **Katharina Lotzen**, GIZ, Advisor “Climate Services for Infrastructure Investments (CSI)”

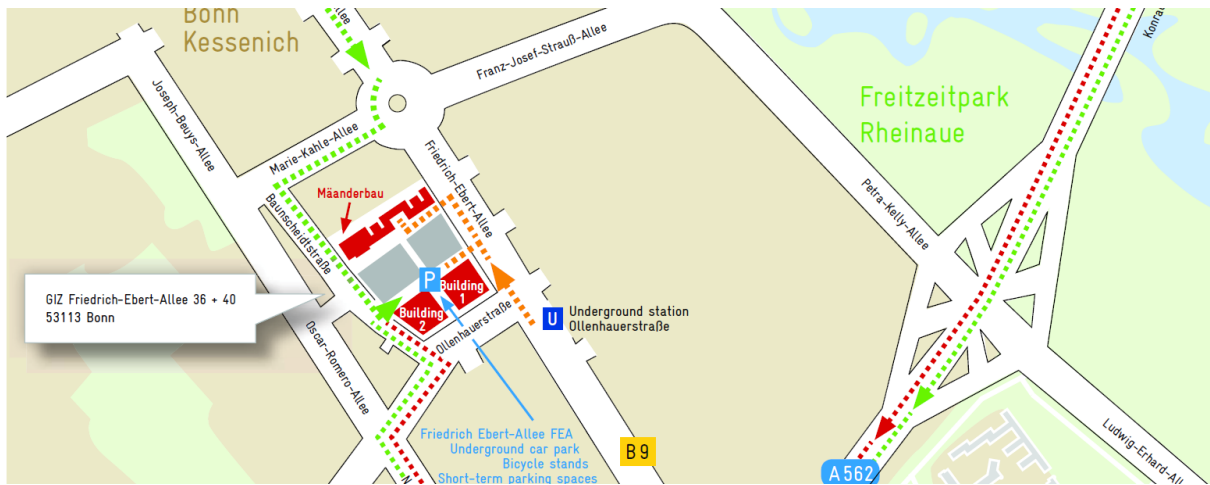
On behalf of:



Federal Ministry
for the Environment, Nature Conservation
and Nuclear Safety

giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH

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Details

- ❖ **Date:** 2 May 2018
- ❖ **Time:** 11:30 – 14:00 (including light lunch)
- ❖ **Place:** Room Donau (Ground Floor), Friedrich-Ebert-Allee 36 (Mäanderbau, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH)
- ❖ **Organiser:** World Federation of Engineering Organisations (WFEO), Engineers Canada and GIZ in collaboration with the Ministry of the Environment (MMA) Brazil and the Ministry of the Environment and Energy (MINAE) Costa Rica, as well as the German Meteorological Service (DWD)
- ❖ **Contact:** No registration or SBSTA accreditation required. To facilitate logistics, please kindly contact Katharina Lotzen (katharina.lotzen@giz.de) or Darrel Danyluk (mrdjd48@gmail.com) if you are interested in attending.

GIZ Bonn, Friedrich-Ebert-Allee 36 + 40



How to find us

By underground (U-Bahn) from Bonn Central Station: Take train no. 16/63 heading for Bad Godesberg or train no. 66 heading for Bad Honnef. Get off at Ollenhauerstraße.

By car on the A59 from Köln (Cologne): After crossing the Konrad-Adenauer-Brücke bridge, take the A562 towards Bonn-Bad Godesberg. Follow the road until you reach the T-junction. Then turn right onto Nahum-Goldmann-Allee and drive straight on for 500 m towards Kessenich. At the first set of traffic lights, turn right onto Ollenhauerstraße, then take the first left – before the traffic lights – into Baunscheidtstraße. The entrance to GIZ is located on the right.

By car on the A555 from Köln (Cologne): Approaching from Reuterstraße, continue onto Willy-Brandt-Allee. At the roundabout turn right onto Marie-Kahle-Allee and after about 100 m turn left onto Baunscheidtstraße.

By car from the direction of Frankfurt: Approaching on the A562 heading towards Bonn-Bad Godesberg, cross the Rhine via the Konrad-Adenauer-Bridge and continue straight on until you reach the end of the road / the traffic lights. Here turn right into Nahum-Goldmann-Allee and continue to the next set of traffic lights. Turn right into Ollenhauerstraße and take the first left into Baunscheidtstraße. The entrance to GIZ is located directly on the right-hand side.

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