Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Federal Department of Economic Affairs,
Education and Research EAER
State Secretariat for Economic Affairs (SECO)

SECO's engagement in urban DRR and resilience

SECO – Economic Cooperation and Development

- Economic and financial policy
- Urban development and infrastructure
- Private sector / entrepreneurship
- Sustainable trade

SECO Support to Urban DRR – Background and Evolution

From project based risk proofing of critical infrastructure…

Flood-safe groundwater pumpstation (Polotsk, Vit.)

Risk proofing of critical infrastructure

Rockfall protection of hydropower dam infrastructure (Albania)

Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Federal Department of Economic Affairs,
Education and Research EAER
State Secretariat for Economic Affairs (SECO)

… to municipal disaster risk management capacities for urban development

Flood hazard mapping (Huancayo, PE), Emerging and Sustainable Cities Initiative

Strengthen disaster risk management capacities of municipalities

- Strengthen local management capacities to apply risk data in the context of land use, urban planning and infrastructure development
- Early warning systems
- Disaster Risk Finance

Urban Development and Resilience Project (Can Tho, VN)
co-financing risk maps

SECO's Strategic Framework 2017-2020

Integration of Urban DRR into to urban development

SECO Support to Urban DRR – Integrated Approach

Can Tho Urban Development and Resilience Project, Vietnam

Objective: Increase physical, social and financial resilience of a city

- in a river delta
- regular floods
- regional economic hub
- unplanned infrastructure development

SECO Support to Urban DRR – Can Tho, Vietnam

On top of structural DRR measures (ring embankments and canal, drainage and sanitation infrastructure)

SECO funding: strengthen flood risk management and risk informed urban development

Through technical assistance and cap. development

- Institutional capacity development
- Trainings
- Legislative support
- Feasibility studies

5 year co-financing support, within a longer term perspective

SECO Support to Urban DRR – Can Tho, Vietnam

1) Flood risk management & shared spatial data and risk information:

- Enhance understanding of flood risk and visualisation of a flood risk model

- Improvement of early warning system (flood forecasting, response protocols, training and awareness raising)

- Risk informed urban planning, spatial data and risk information system shared amongst line departments

SECO Support to Urban DRR – Can Tho, Vietnam

2) Urban connectivity and transport oriented development

- Preparatory study for bus rapid transit system
- Corridor development plan including land value capture outside the city core

3) Disaster risk financing:

- Study on cash-based pay-out system (safety net for most vulnerable population)
- Linkage of city with SECO supported advisory services on financial disaster risk strategy

Thanks

SECO Support to Urban DRR – Characteristics

- Conceived within a wider urban development approach (focus on natural hazards)
- Seeking to bridge planning and investment gap (attract attention for longer term issues)
- Includes financial resilience of a municipality

Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Federal Department of Economic Affairs,
Education and Research EAER
State Secretariat for Economic Affairs (SECO)

DRR implementation: Building urban resilience against natural disasters

SECO Support to Urban DRR – Complementary Projects

Disaster Risk Financing and Insurance (South): Public financial management related to natural disasters

- Sovereign disaster risk finance
- Extension of advisory services to cities

South-European Catastrophe Risk Insurance Facility:

- provide homeowners and entreprises with insurance coverage against flood and earthquakes
- Considering extension of support to municipalities

SECO / Economic Cooperation and Development 13

Advisory services to increase financial resilience against economic and financial impact of natural hazards

DRFI type of support:

- Diagnostic: assessment of risks; economic and fiscal impact of disasters
- Preparation: develop a strategy for Disaster Risk Financing responding to a country's specific risk profile; as part of broader public financial management

Europa Reinsurance Facility Ltd. (Europa Re) is a Swiss-based specialty property catastrophe reinsurance company owned by countries of Southeastern Europe (SEE). We are offering reinsurance support to insurance companies in the countries of Southeastern Europe to enable them to provide homeowners, farmers, enterprises and government organizations with affordable insurance coverage against weather risk and geo-related perils. Working together with our partner company Europa Re Management Ltd. – a Swiss-based specialty insurance services provider, we are dedicated to introduce a comprehensive market development package (reinsurance capacity, insurance market infrastructure services and technology solutions) to

insurance companies in support of innovative catastrophe and weather risk products. **Our Vision** is to increase the level of catastrophe insurance penetration among households and small and medium enterprises (SMEs) in Southeast Europe.