



Private Sector Adaptation to Climate Change

Global Programme PSACC Angelika Frei-Oldenburg

Beyond Paris: Driving Solutions for the Next Decade
Austrian Climate Change Workshop
Vienna, February 19th, 2016



Global Programme PSACC

Objective: Concepts and instruments for strengthening capacities of the private sector in order to adapt to climate change impacts are identified, enhanced, assessed and disseminated.

Target Group: SMEs in developing and emerging countries (no farmers)

Duration: 2014 - 2017





Approach in Pilot Regions

Preparation

Baseline Study, Fact Finding Missions, Definition of Implementing Area

Approach

	Morocco	Rwanda	Bangladesh	Central America
Sectors:	<ul style="list-style-type: none"> – Agroindustry (Export) 	<ul style="list-style-type: none"> – Agroindustry (Coffee, Tee) – Manufacturing (Textile) 	<ul style="list-style-type: none"> – Water transport sector and shipbuilding – Light-engineering – Agro-processing (rice) 	<ul style="list-style-type: none"> – Tourism
Industrial Zones		BDS provider, consultants and private sector associations	SME cluster sector associations/ organisations synergies with urban adaptation	Tourism destination
	Pilot-Industrial Zone: Ait Melloul Region Sous Massa Draa	value chain		



General Approach

Climate-resilient and Competitive Private Sector

Sensitization

Raising awareness of private sector actors in terms of actions and opportunities regarding CC impacts

Capacity Building & Mainstreaming

Anchoring instruments to enhance the adaptability of the private sector & the use of business opportunities from CC

Financing Mechanism

Testing instruments for the use of the financial sector to finance adaptation to CC and providing advisory services on adaptation financing for SME

Knowledge Network

Strengthen the dialogue and cooperation on effective approaches within German and international development cooperation



Products - Our approach is integrating several aspects

Awareness Raising for Companies

- Awareness Raising Workshops
- Company Case Studies
- Various communication activities

Developing a Methodology for Climate Risk Management

- Vulnerability Assessment and
adaptation Strategy and Measures
(Tools, Cost-Benefit)
- Manual for Industrial Zones (IZ)

Train of Trainer for dissemination

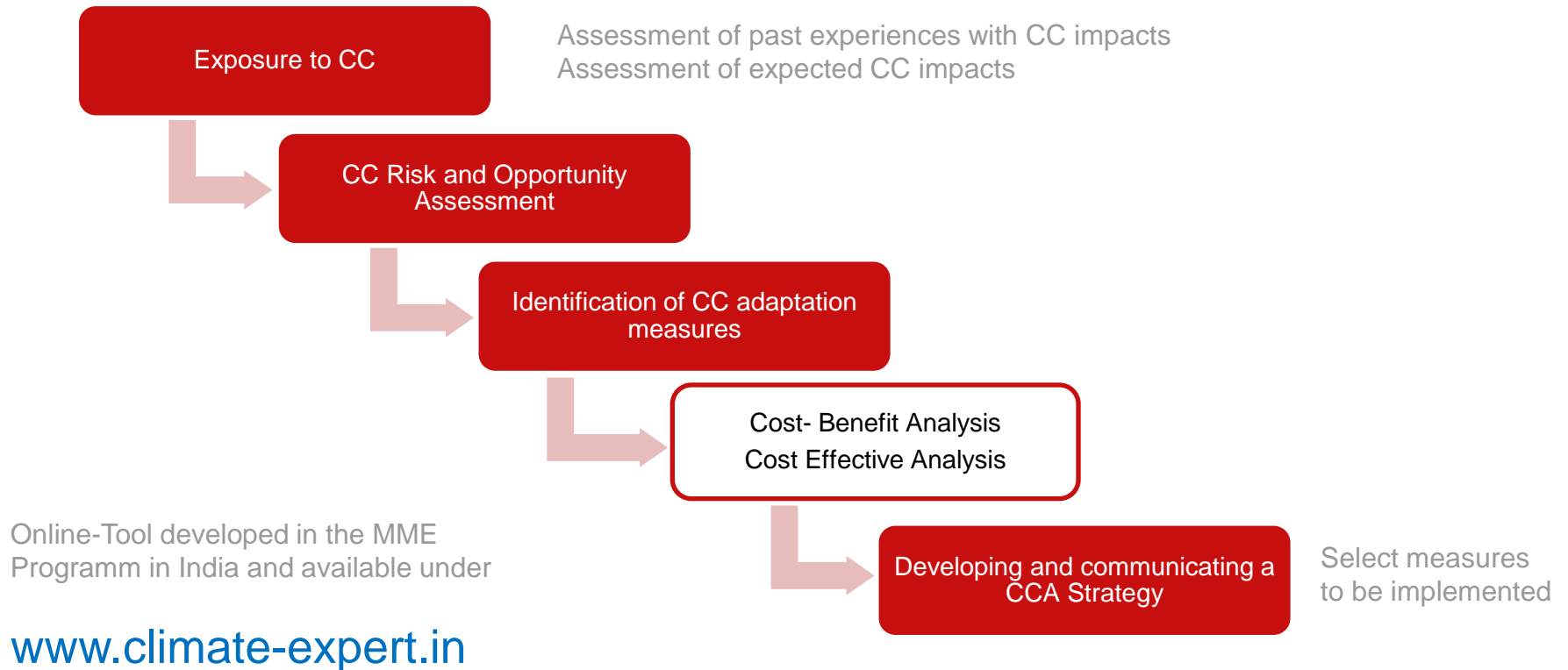
- Training manual for SMEs
- Training manual for IZ managers

Information on Finance Mechanism

- GAP Analysis Adaptation Needs
- Advisory/ Manual on Adaptation
financial instruments for SME
- Case Study

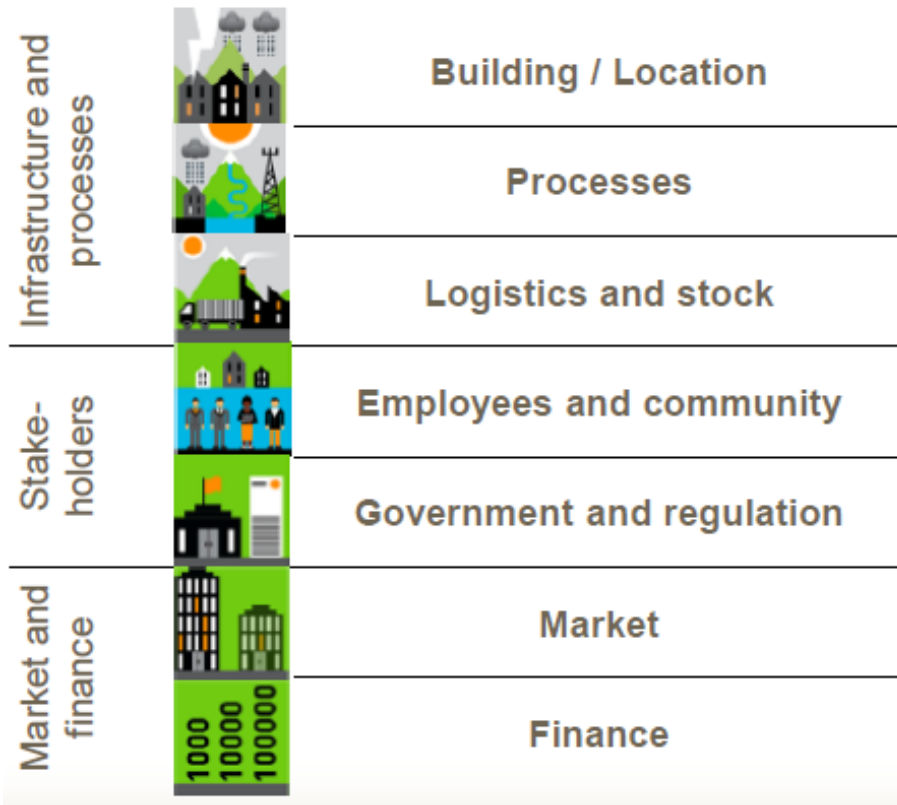


Methodology – The Four Step – Assessment for the Private Sector





Methodology – How is Climate Change Effecting Enterprises



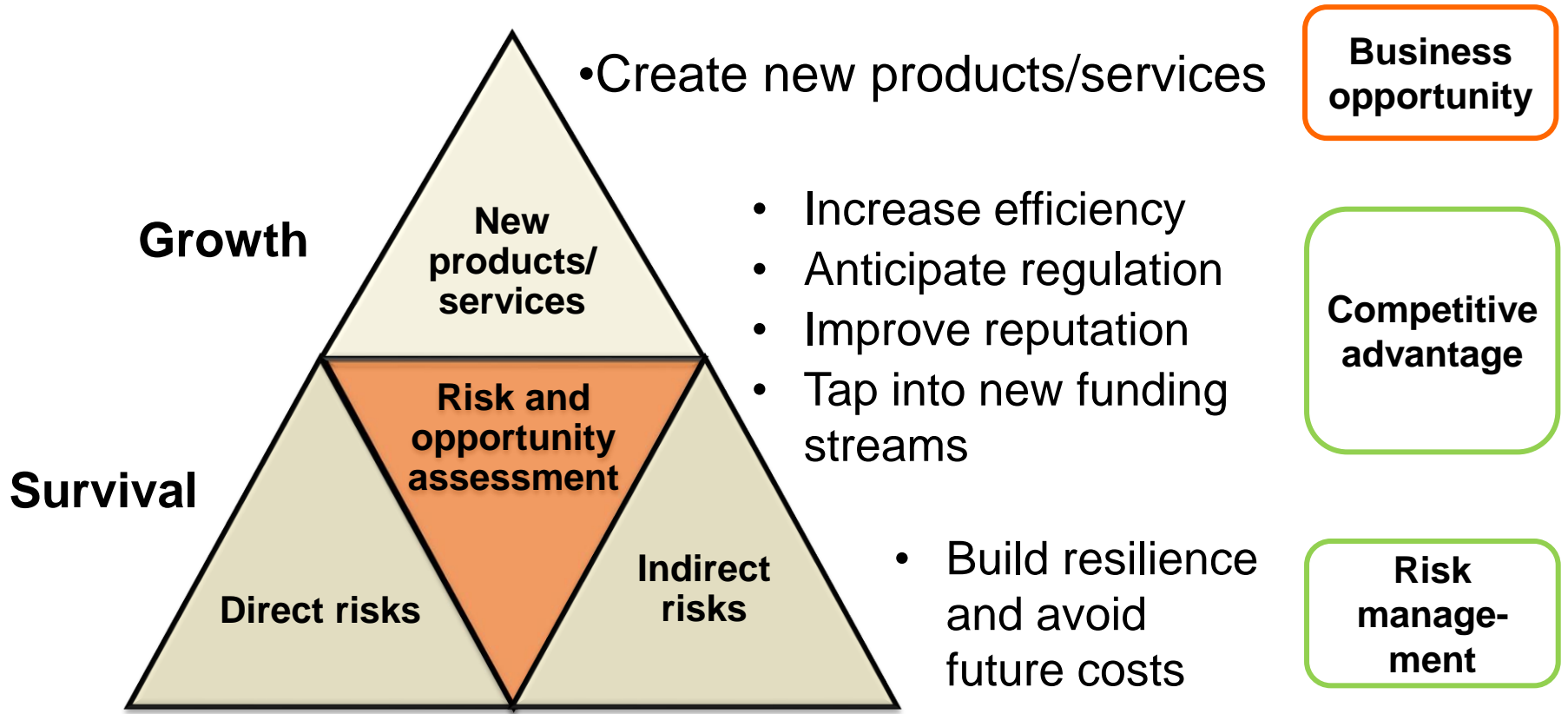


First Results – Assessment in Fishing industry

Impact Areas	Risks (due to CC impacts)	Adaptation options
Buildings / Infrastructure	<ul style="list-style-type: none"> • Facilities and premises flooded • Stocks under water 	<ul style="list-style-type: none"> • Adapting the pavement at the entrance • Integrating flood barriers
Processes	<ul style="list-style-type: none"> • Disruption in water supply • Power cuts & overheating of fridges 	<ul style="list-style-type: none"> • Integrating sustainable water management system, new recycling plant • Awareness raising of employees (water) • New insulation materials
Logistics and Stock	<ul style="list-style-type: none"> • Decreasing available fish stocks • Disruption in logistics & supply chain (blocked roads during floodings) 	<ul style="list-style-type: none"> • Supplier diversification for fish exports to Europe & product diversification for canned food • Support suppliers with weather alert system
Employees & Communities	<ul style="list-style-type: none"> • Deterioration of working conditions & decrease in productivity during heat waves 	<ul style="list-style-type: none"> • Include more green spaces at the company premises • Optimise indoor ventilation
Government & regulations	<ul style="list-style-type: none"> • Stricter regulations on environmental issues • Increased water prices 	<ul style="list-style-type: none"> • Monitoring system on environmental regulations
Market	<ul style="list-style-type: none"> • Higher constraints and requirements from international clients on climate and environmental issues 	<ul style="list-style-type: none"> • CSR reporting
Finance	<ul style="list-style-type: none"> • Higher requirements from banks in terms of climate issues • New financing opportunities 	<ul style="list-style-type: none"> • Research on available green finance opportunities in Morocco



A business approach to adaptation: → Ensuring business survival and growth



Why adapt?

Adaptation assures survival and enables growth of businesses in times of changing climate



Bundesministerium für
wirtschaftliche Zusammenarbeit
und Entwicklung



giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH

Thank you for your attention !

**Angelika Frei-Oldenburg
Head of Programme PSACC**

In Collaboration with:

