

## Climate Expert - Approach and working materials to support businesses in developing climate change adaptation strategies

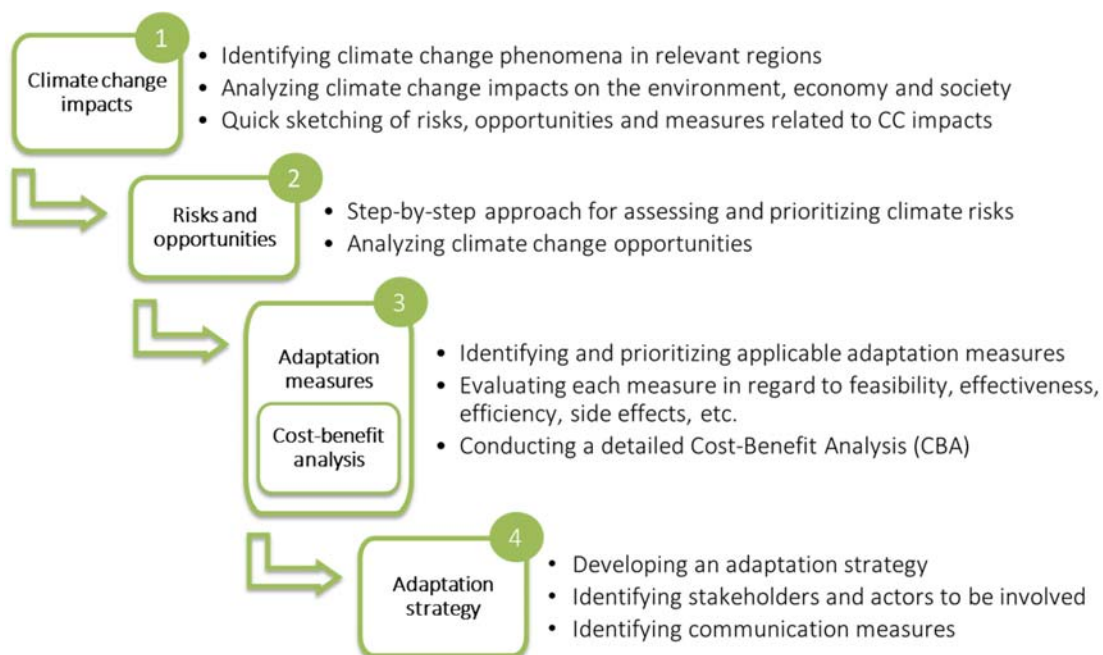
### What is the Climate Expert about?

The Climate Expert entails a practical 4-step approach and working materials that help companies analyse climate change **risks and opportunities** and generate strong **adaptation strategies**. It was developed by GIZ.

### Who is the Climate Expert for?

The Climate Expert approach was developed for **small and medium-sized enterprises (SMEs)** that are or will be affected by climate change. It also addresses **consultants, experts and multipliers** who want to support the private sector in adapting to climate change.

### What are the 4 steps of the Climate Expert approach?



### Which areas of a company are affected by the risks and opportunities of climate change?

The Climate Expert helps companies deal with risks and opportunities across **seven impact areas**:



Building /  
Location



Processes



Logistics &  
stock



Employees &  
Community



Government  
& regulation



Market



Finance

## How do you proceed with the Climate Expert approach?

- **Climate Expert Excel Tool**

The Climate Expert is based on an **Excel Tool** that allows companies to fill in and analyse all relevant information for developing an adaptation strategy that fits the characteristics of the company.

One of the Tools' key features is a detailed **cost-benefit analysis** (CBA). This method is well-known by SMEs and allows integrating climate change adaptation into their risk management routines. By working with cost ranges, the CBA takes into account the uncertainties of climate change.

<b>Risk</b>	interruption due to electricity outage	
<b>Adaptation measure</b>	6. Photovoltaic Plant 60kW	
<b>Benefit Categories</b>	I. Additional cost-savings	
<b>Benefit Components</b>	savings from grid	
<b>Year</b>	<b>From</b>	<b>To</b>
1	1.314.000,00	1.314.000,00
2	1.314.000,00	1.314.000,00
3	1.314.000,00	1.314.000,00
4	1.314.000,00	1.314.000,00
5	1.314.000,00	1.314.000,00
6	1.314.000,00	1.314.000,00
7	1.314.000,00	1.314.000,00
8	1.314.000,00	1.314.000,00
9	1.314.000,00	1.314.000,00
10	1.314.000,00	1.314.000,00
<b>Sum of undiscounted total benefits:</b>		

- **Climate Expert Company Assessments**

Due to the complexity of climate change we recommend that SMEs work together with trained consultants in developing their adaptation strategies. The consultants meet in person with relevant SME staff to go through each step of the Climate Expert approach. At the end, a full company assessment report is compiled (for internal use by the company only).

## Which working materials does the Climate Expert provide?

- **Trainings and awareness-raising material**

Training programmes, materials and resources are available for consultants, business associations, chambers of commerce, industrial zone managers and other experts who wish to engage with SMEs on climate change adaptation.

- **Trainings of Consultants (ToCs):** Training for consultants and multipliers who support SMEs in conducting their company assessments. The ToC is based on the Climate Expert approach and uses carefully developed training materials, including fictive case studies.
- **Awareness Raising Workshops:** Workshop material, including sectoral info sheets, for private, public and international cooperation actors who promote adaptation to CC among SMEs.
- **Guide for Industrial Zones Managers and Trainings:** Practical information to help industrial zone managers assess their vulnerability and develop an adaptation strategy.

- **Climate Expert Website**



On the Climate Expert Website the entire 4-Step approach and working materials are described in detail. Find out more: [www.climate-expert.org](http://www.climate-expert.org)

For more information on this approach, please contact us:

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