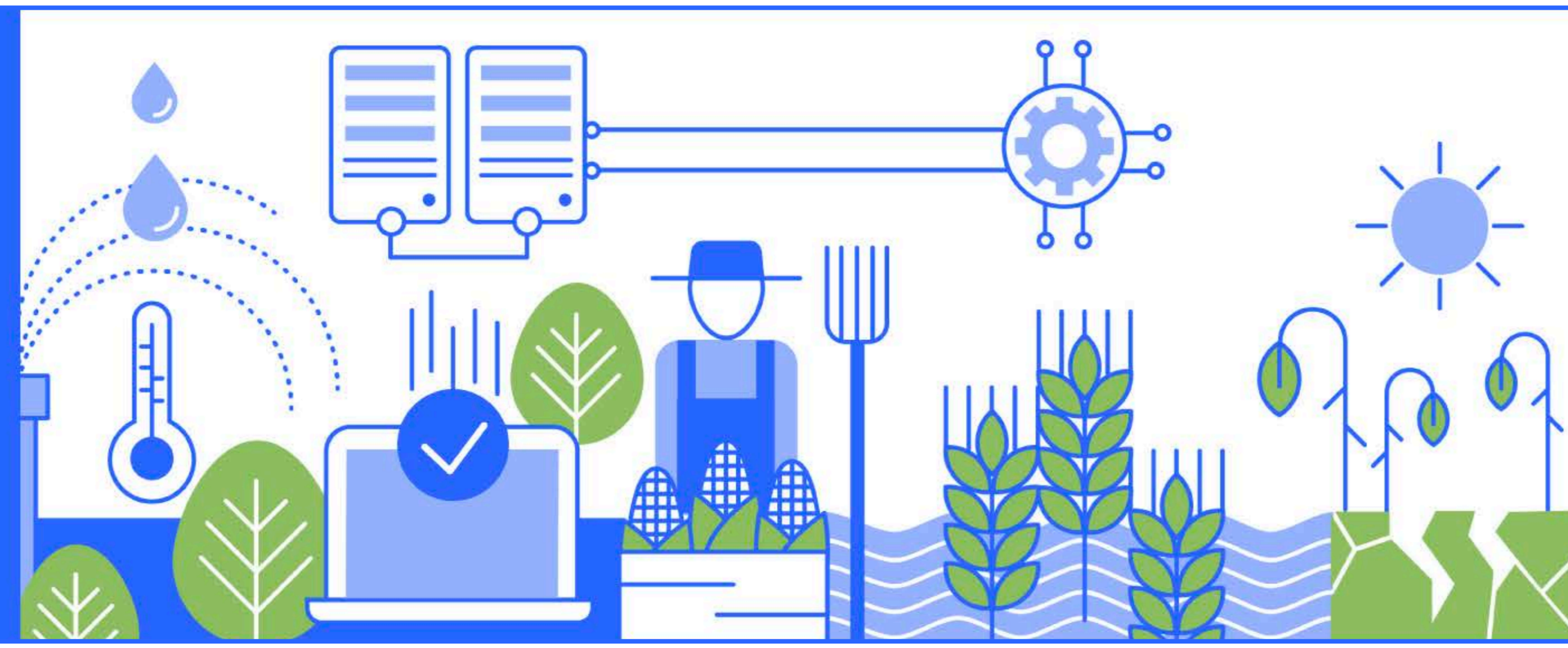




Climate Risk Planning & Managing
Tool for Development Programmes
in Agri-food Systems



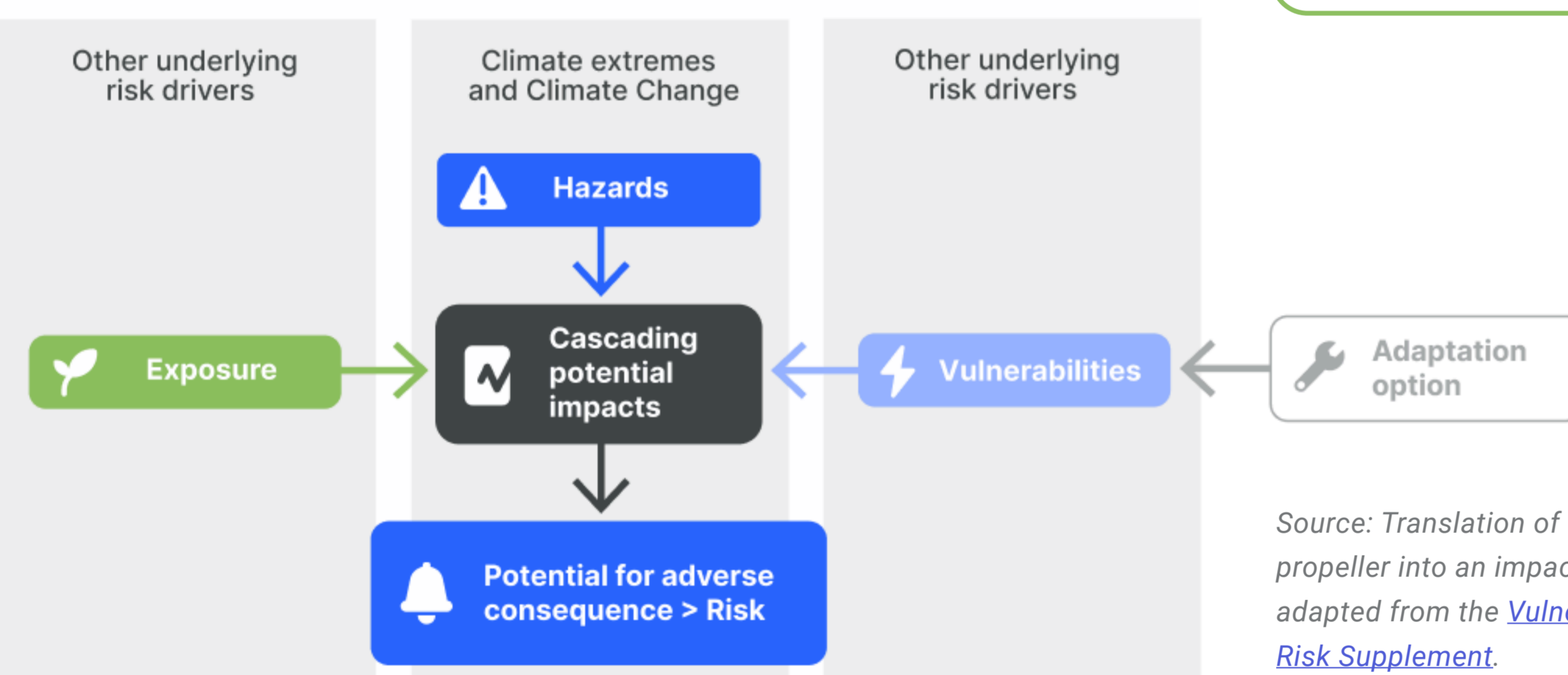
Supporting agri-food projects to implement climate change adaptation through the interactive online tool 'CRISP'

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The interactive online tool CRISP helps users to understand climate related risks associated with specific agricultural systems, articulate science-based adaptation hypotheses, identify cascading impacts and review relevant adaptation options.

To this end, CRISP...

- uses an impact chain methodology to structure and visualise climate risk knowledge.



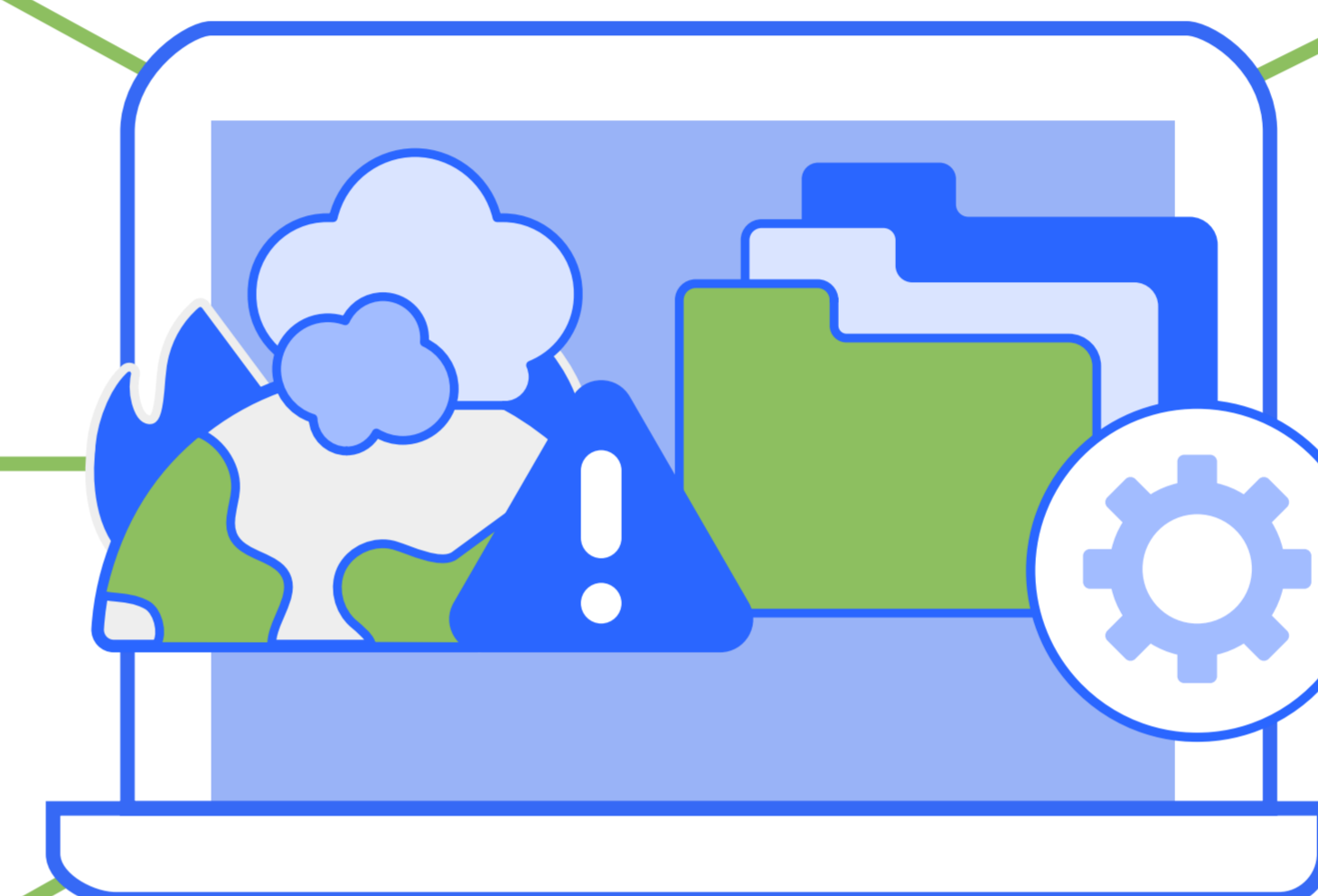
- uses a farming system classification to contextualise climate risk impact chains. The tool offers a selection of 22 farming systems in five macro regions (Sub-Saharan Africa, Middle East and Northern Africa, South Asia, East Asia and Pacific and Latin America and Caribbean).

Providing an entry point for agricultural and rural development projects for an **initial, simple and quick exploration of climate risks**.

Using the **impact chain methodology** (developed in GIZ's Vulnerability Sourcebook) to understand the relevant climate risks for agriculture in the context of a given project.

Helping to identify **starting points for climate risk management** (e.g., highlighting potential impact chains, vulnerability factors, drivers of risk/ change and possible options for implementation).

CRISP characteristics



Assisting in **articulating and evaluating adaptation hypotheses** that can be tested and subsequently used to help guide projects during planning and implementation.

Providing context-specific **structured guidance and knowledge** to support needs-driven climate risk assessments.

Identifying entry points e.g., prioritisation of options, indicators and links to other tools for use by **subsequent in-depth studies**, as required.

Why a new tool?

Agricultural development programs are increasingly seeking to **mainstream climate action across their project portfolios**. But ensuring appropriate integration of climate risks in project design and implementation can be a challenge. The climate change knowledge base is expanding rapidly and hence it is increasingly difficult to determine which information to use in decision making.

To date, there has not been a climate risk tool that considers the specific characteristics of agriculture and agricultural land use systems.



What does CRISP offer?

The Alliance of Bioversity International and the International Centre for Tropical Agriculture (CIAT) and Eurac Research in collaboration with Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH and with support from the Federal Ministry for Economic Cooperation and Development (BMZ) developed a **freely available, quick and simple to use, interactive web-based working tool** for agricultural and rural development project planners and managers. The proposed tool helps to strengthen national and international **agricultural and rural development funding proposals and their implementation**. Further, the tool has the potential to assist sectoral adaptation planning and implementation with regard to countries' **National Determined Contributions (NDCs)** and **National Adaptation Plans (NAPs)**.

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Limitations – CRISP does not

- replace a comprehensive, analytical and quantitative climate risk assessment (requires data and stakeholder involvement).
- carry out the evaluation of specific mitigation/adaptation options.
- explicitly consider trade-offs of adaptation options.



On behalf of

