Quick Guide
for IKI Projects.

Towards new synergies between adaptation, mitigation and sustainable development.

Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

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Integrated Climate Action: Why and How?

Benefits of an INTEGRAL APPROACH	Silo-base thinking within the climate action domain can have severe consequences for the livelihoods of affected populations. **Project design needs to depart away from too narrow perspectives towards an integrated understanding of how both mitigation and adaptation action are inherently embedded in the sustainable development agenda.**
Facilitate THOUGHT AND PLANNING PROCESSES	The integration and representation of all stakeholders' perspectives on the multi-benefits targeted through the project is the way of effectively promoting the **recognition, reflection and alignment of multiple objectives**. The new narrative for integrated climate action offers an innovative set of tools to **facilitate thought and planning processes.**
OBJECTIVE	This presentation seeks to inspire you as a IKI project developer to **strengthen and explain your project's orientation and objectives**, considering an integrated climate action design.

Integrated Climate Action: Why and How?

INTEGRAL APPROACH	Silo-base thinking within the climate action domain can have severe consequences for the livelihoods of affected populations. **Project design needs to depart away from too narrow perspectives towards an integrated understanding of how both mitigation and adaptation action are inherently embedded in the sustainable development agenda.**
FACILITATE THOUGHT AND PLANNING PROCESSES	The integration and representation of all stakeholders' perspectives on the multi-benefits targeted through the project is the way of effectively promoting the **recognition, reflection and alignment of multiple objectives**. The new narrative for integrated climate action offers an innovative set of tools and a New Narrative to **facilitate thought and planning processes.**
OBJECTIVE	This tool seeks to inspire you as a IKI project developer to **strengthen and explain your project's orientation and objectives**, considering the new narrative of integrated climate action, **and reconsidering your project's positioning.**

There is a need to **promote a change in current paradigms** towards economies that not only reduce greenhouse gas emissions but **help natural and human systems to adapt to and mitigate climate change**.

It is vital to **explore synergies integrating adaptation and mitigation**, as well as to **explore implementation barriers and possible trade-offs**.

How can this presentation help your IKI project?

If the project is in its *design or inception phase…*

This presentation seeks to inspire you as a IKI project developer in the **planning phase** to:

- **Review the project's orientation and objectives**, considering the benefits of integrated climate action.
- **Strengthen your project's embedding** in the country context.

If the project is *currently being implemented…*

This presentation allows the project stakeholders to:

- Find **new synergies** and act efficiently in the achievement of goals,
- Maximizing the **green recovery** value
- **Update and expand** according to needs and requirements.

1. **Integral Approach:** More efficiency due to Synergies between Mitigation, Adaptation and linking to SDGs.
2. **Climate finance:** visibility of results of the project will increase reputation and credibility, which facilitates obtaining financing for future projects.
3. **To maximize and underscore the Green Recovery value:**
   - Economical
   - Environmental
   - Social

Find the potential synergies

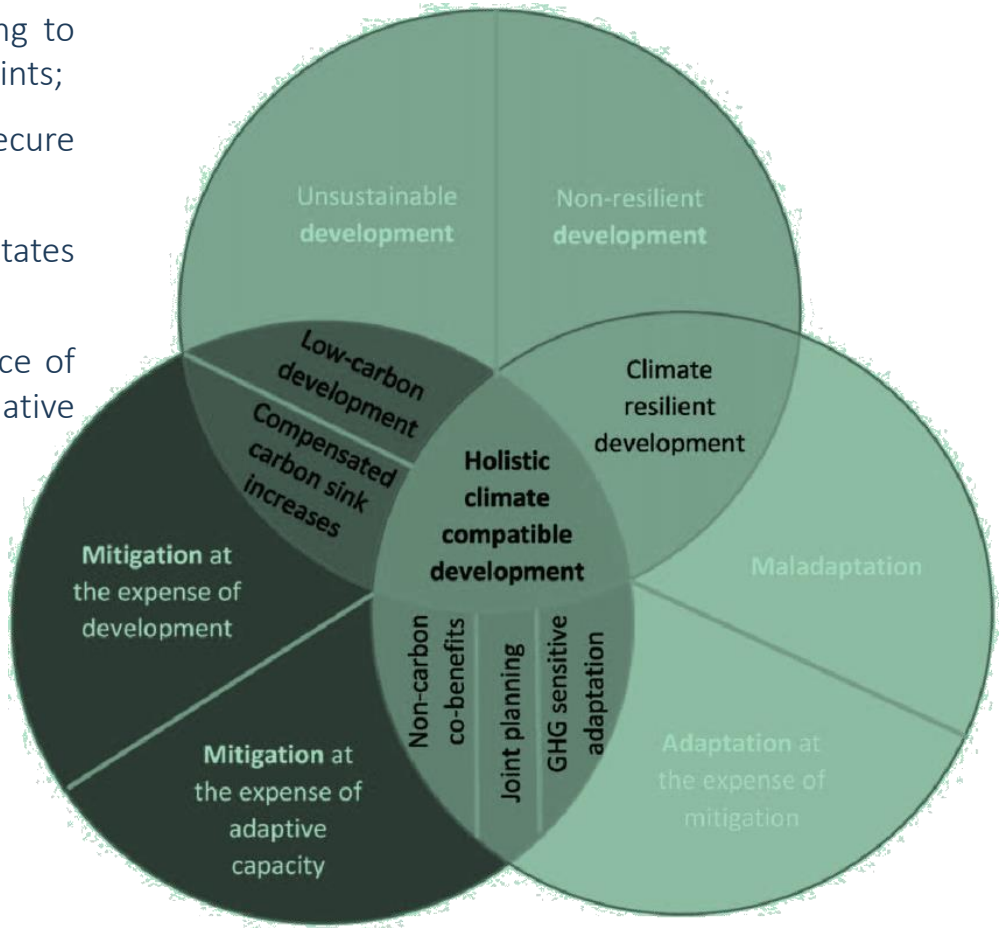
➔ Adaptation and mitigation are constructively linked in the context of sustainable development;

➔ Policymakers and stakeholders are willing to challenge structural and institutional constraints;

➔ Resilience building to strengthen, and secure livelihoods becomes a central objective;

➔ Science and results-based action dictates current and future intervention;

➔ Persistence is maintained even in the face of widespread resistance to a transformative agenda.



Climate Champions around the world….

Spotlight on: IKI Small Grant Projects, can help to ….

… Identify and strengthen key change agents.

Change agents are the ones who start to do things different and thereby they contribute a paradigm shift and the establishment of a new narrative. The Small IKI Grants support these actors recognizing their capabilities to solve local issues and protecting at the climate at same time. IKI helps these actors to gain international visibility.

… inspire local green businesses models.

Local businesses that are offering emission free, resilient and sustainable solutions are the backbone of a Paris-aligned economy. IKI support can provide them a platform to grow.

… link projects to other activities, organizations, and networks.

Ideas and initiatives that have global potential need networks to accelerate their growth. Synergies between organizations that work on compatible solutions can help to gain competitiveness. Alliances between smaller organizations can be facilitated.

A powerful inspiration: Check out the ideas of climate champions supported with IKI Small Grants

Learn to identify synergies

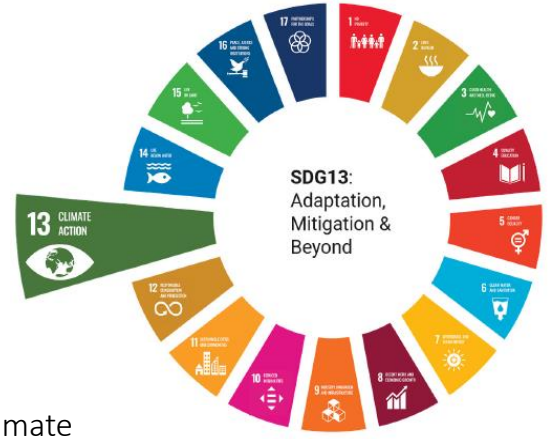
Looking at the IKI Small Grants Project Portfolio in many cases on can observe how projects respond to urgent local needs with a climate action solution. This work towards different objectives can be an inspiration for larger projects especially because these small organizations are often forced to use synergies due to their very limited resources.

Network of key actors

The IKI Small Grants Project Portfolio provides a rich network of key actors and change agents. Larger IKI programs can reach out to these actors during the ideation, planning and implementation phase to consider relevant issues and to bult upon success cases and experiences.

Civil Society Partnerships and Germanys International Relations

The network of IKI Small Grant Project actors strengthens the international relation and the capability to respond to matters of international debate or crisis. This diversification adds stability to larger IKI Programs and offers many opportunities to approach solutions from different angles.



Holistic Climate Action

IKI Small Grants Projects can inspire other programs how sustainable and holistic climate action can look like. It is important to identify common goals in early stages of the project to spot additional synergies or identify trade-offs. The practical projects can inspire during this design phase of larger programs.

Joint Objectives and Adaptation-Mitigation Synergies…

4 steps towards effective climate action

Phase	Question to answer
1. Challenges and Urgencies?	Kick of the discussion: What are the current economic, social and environmental challenges that need to be addressed urgently? Linking exercise: Try to link challenges with the **Agenda 2030 goals**.
2. Common objectives?	Brainstorming: What are all the available or needed **solutions** to face the different challenges? Grouping Solutions: What should be done? Cluster solutions in different groups.
3. Effects and Joint Objectives?	Anticipate the effect: Define the effects of the solutions. Formulate Targets: Select 3 effects and express them as **objectives** with an indicator.
4. New collaborations and Synergies?	Explore: Potential areas of **collaboration**? With whom do you share joint objectives? Test: What are the **synergies** found between adaptation and mitigation objectives? Are there synergies between different work areas? What are the issues or potential conflicts of interest?

Miro Board

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Inspiring examples

Colombian Farmers: “Climate Champion Adapt and Reduce”

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Mitigation impact

Emission reduction in agricultural sector

Adaptation impact

Adaptation improvements in agricultural sector

SDG Relevance

Integrated Climate Action: NDC Policy Programme | Colombia

Farmers in Colombia are exposed to climate change effects like extreme weather events. Changes are needed.

Colombia aims in its **NDC** for an emission reduction of 20% by 2030 and an increase in adaptation capacities.

Mitigation and adaptation measures will be coordinated and turned into agricultural value-adding processes.

Poor Households South Africa: “Secure and clean Energy”

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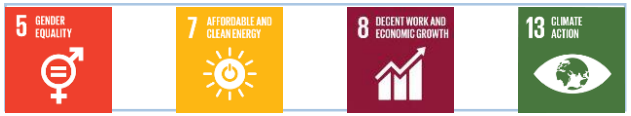
Mitigation impact

Emission reduction in residential sector

Adaptation impact

Adaptation improvements of low-income households

SDG Relevance



Integrated Climate Action: Basic Energy and Climate Change Adaptation Programme (BECCAP) | South Africa

The purpose of the project was to **reduce greenhouse gases emissions from private households and small businesses** through the development, **identification and dissemination of energy-efficient technologies and methods**.

These were designed to sustainably secure and **improve the supply of energy to low-income households and small businesses**. The project supported and advised various South African partner organisations on the implementation of corresponding activities.

Eco-Schools Malawi “Learn resilient and low carbon agriculture”

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Small IKI grant

Mitigation impact

Agroecological farming (low carbon) and water conservation methods

Adaptation impact

Sustainable and diversified food production and rainwater harvesting techniques.

SDG Relevance

Eco-Schools for eco-communities in Malawi.

This project engages children, parents, teachers and local villages around the schools with practical training in skills for food production, water harvesting, and energy resilience.

Workshops on **agroecology, food security, energy efficiency and water conservation** to address climate change mitigation and adaptation goals, working on people’s basic needs towards SDGs.

Three stages :

1. Five schools receive training (Eco-Schools).
2. Online teacher training module on Eco-Schools.
3. 50 households receive an ecovillage design training.

San Salvador: "Climate Smart Life in the Urban Context"

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Small IKI grant

Mitigation impact

Soil degradation prevention and waste management.

Adaptation impact

Good practices in urbanization processes and promotion of sustainable lifestyles.

SDG Relevance

Building capacities to reduce the impacts of climate change in urban areas near San Salvador

Reduce the impacts of climate change in urban areas near San Salvador by appropriate procedures in the use of chemicals in agriculture, waste processing, forest management and urbanization.

Mitigation and adaptation goals, measures:

1. Assisting small-scale farmers to **efficiently increase seed biodiversity.**
2. Organising **educational programmes** in schools to **promote sustainable lifestyles**.
3. Introducing local composting systems to **counteract soil erosion.**

Solar Irrigation in East India “Income UP emissions DOWN”

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Solar Irrigation in East India "Income UP emissions DOWN"

Small IKI grant

Mitigation impact

CO_2 emissions reduction and clean energy access provision.

Adaptation impact

Increase agricultural production and income levels.

SDG Relevance

Sustainably Scaling Solar Irrigation in East India

Awareness and demand for solar water pumps for small holder farmers.

Sustainable equipment: **providing clean energy access** while at the same time **reduce CO_2 emissions** and **increase agricultural production** and thus farmers' income levels.

Awareness rising campaigns and the **installation of 150 solar-powered irrigation pumps**. the project aims to address climate change mitigation and adaptation goals, working in alignment with SDGs.

Farmers, youth entrepreneurs, financial institutions and policy makers to act as advocates for solar pumping systems. **Farmers are granted lower interest rates** for purchasing solar water pumps.

Training **especially marginalized and female farmers,** who will be able to further disseminate their knowledge to other farmers.

Sri Lanka Mangrove Conservation: “Capture CO2 in Costal protection”

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Mitigation impact

Mangroves sequester up to 50 times more carbon than other ecosystems.

Adaptation impact

Protect coastal communities from storm damage and support healthy fisheries.

SDG Relevance

Expand **sustainable business**, through **mangroves conservation**, contributing to greater financial stability, better nutrition, increased economic security, and improved **resilience** against storm surges.

Job training and microloans to impoverished women and young people through village-based Community Benefit Organizations (CBOs), more than 10.000 women and young people have been trained in **mangrove conservation** and have received **microloans** to create sustainable businesses and foster financial stability.

- Sri Lanka will make coastal communities **more resilient** by promoting improved fishing and agriculture, fostering sustainable livelihoods that can withstand shocks and stresses, and ensuring a healthier.
- **Mitigation activities** are promoted given the high absorption potential of mangroves. On the other hand, mangroves are a natural barrier against climate disasters, as well as an economic driver for the communities that conserve them through the cultivation of shrimp farms or the increase of marine fauna around these unique habitats.

Composting Waste in Haiti: “Solution for the poor + lower emission”

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Mitigation impact

GHG emissions reduction and sequestring carbon in soils.

Adaptation impact

Increasing resilience and strengthen soil capacity against natural disasters.

SDG Relevance

Composting Waste Treatment: An Ecological Solution to Poverty and Climate Change | Haiti

Sanitation for people who often have no access to a toilet. At the same time, the project transforms hazardous wastes into rich, **organic agricultural-grade compost**, improving and fertilizing soil. Compost is used to **support agriculture and reforestation efforts**, ensuring nutrient recirculation and **improving soil carbon sequestration**. Enhances **environmental resilience** and climate adaptation by promoting plant growth, stabilizing soils and reducing the impact of flooding and drought.

Ecological sanitation has the power to combat climate change via **three mechanisms**:

- reducing greenhouse gas emissions compared to alternative sanitation practices,
- offsetting synthetic fertilizer use, and
- sequestering carbon in soils through compost amendments.

Botswana Self-Powered Agro-Photovoltaic: “Power for climate smart agriculture”

Botswana Self-Powered Agro-Photovoltaic: “Power for climate smart agriculture”

Mitigation impact

CO_2 emissions reduction and clean energy access provision.

Adaptation impact

Emphasis on sustainable livelihoods through agriculture initiatives

SDG Relevance

Innovative Initiatives for Adaptation and Mitigation Through **Demonstration of Self-Powered Agro-Photovoltaic Vertical Hydroponic Liquid Compost System** in Communities within The Makgadikgadi Framework Management Plan- Botswana

Feasibility of a **smart solution to the production of crops and energy** using agro-photovoltaic self-powered vertical hydroponic system and an application for direct orders and payments between farmers and customers.

Training and integration into the agriculture value chain + improved agriculture initiatives to **improve livelihoods**, **reducing poverty** and **enhance economic status**.

- Designed to find synergies between adaptation and mitigation. Through **mitigation solutions**, the adaptation of communities in climate-challenged regions is promoted.
- Enable farmers to have knowledge about various financiers available to **finance small scale business** models.
- Specific gender and indigenous approach which is reinforcing the scope of the project.