

# 2023-09-27 Event on Carbon Markets for smallholders – Guidebook for project developers

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Credits: Georgina Smith / CIAT

## GIZ experiences for agricultural carbon project development targeting Voluntary Carbon Markets (VCM)

**Transforming agriculture and food systems requires a paradigm shift – away from a one-dimensional system that only produces food - to a system that provides multifunctional services.** Smallholder farmers already make a significant contribution to nature- and climate positive agriculture but are not rewarded for it.

The agriculture, forestry and other land use (AFOLU) sector offers a potential for 20-30% of the GHG mitigation required to meet the 2°C target. **Soil carbon is of central importance for soil fertility and agricultural productivity and Mitigates Greenhouse Gases.** Humus-rich soils are more resilient to the effects of climate change (including droughts), store more plant nutrients and increase soil biodiversity. Soil carbon conservation and enrichment thus makes important contributions to key development goals: Food security (SDG 2), climate adaptation and mitigation (SDG 13), biodiversity and land conservation (SDG 15).

Compensation schemes for ecosystem services provide incentives for smallholder agriculture to protect and rehabilitate the environment and its natural resources. **Carbon markets may address the underfunded sustainable land management in developing countries.** This mechanism, if implemented in a sustainable manner, can contribute to food security and development impacts.

**This Event, hosted by 4per1000 and GIZ, will discuss best practice experiences for agricultural carbon project development, which include soil carbon certification for the benefit of smallholders.**

**Moderator: Claudia Schepp – 4per1000**

Time	Agenda	Speaker
5 mins	<b>Welcome &amp; Introduction</b>	Alexis Brakhan - GIZ
5 min.	<b>Introducing the BMZ funded G7 CompensACTION initiative</b>	Sophia Baumert - GIZ
15 min	<b>Presentation of new Guidebook: “best practice experiences for agricultural carbon project development”</b>  <i>Key Lessons learned</i>  <a href="https://compensaction.com/wp-content/uploads/2023/09/Agricultural-carbon-project-development-Guidebook-for-project-developers-1.pdf">https://compensaction.com/wp-content/uploads/2023/09/Agricultural-carbon-project-development-Guidebook-for-project-developers-1.pdf</a>	Adaugo Okoli (Unique landuse)
15 min	<b>Presentation of an example carbon project: Western Kenya Carbon Project</b>  <i>Key lessons learned</i>	Aaron Munzaa (Soil Carbon Certification Services)

30 min	<b>Discussions and Q&amp;A with audience</b>  <b>Key discussion points:</b> <ul style="list-style-type: none"> <li>• What do project developers and investors need to realize agricultural carbon projects?</li> <li>• Voluntary carbon markets face a very dynamic development – what is needed in terms of public framework conditions to get the best out?</li> <li>• What requirements do carbon payments schemes need to have to meet farmers' needs?</li> <li>• How can the impact for stallholders be maximized?</li> <li>• What are the challenges and solutions to certify soil carbon?</li> </ul>	Moderated discussion
10 min.	<b>Closing of event</b>	Alexis Brakhan - GIZ

## Information on our speakers

### Alexis Brakhan - GIZ



Alexis Brakhan is a professional with more than 10 years of experience in development cooperation, climate change, climate finance and ecosystem services. Since 2013, he is an advisor for climate change at the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ).

### Dr. Sophia Baumert



Dr. Sophia Baumert is a professional with more than 10 years of experience in agricultural sustainability, climate change, agri-food systems, land-use systems and ecosystem services. Since 2021, she is an advisor for agriculture and climate change at the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ). Prior to that, she worked for five years as a Project Manager at AFC Agriculture and Finance Consultants. She earned her doctorate at the Center for Development Research conducting research on Jatropha production in Burkina Faso and did her post-doc on social and environmental impact assessment of land-use intensification in Mozambique.

### Adaugo Okoli

Ada Okoli's work focuses on the development of nature-based carbon projects, with core expertise in agricultural land management (ALM) and grassland management projects. She specialises in MRV of projects with the VCS and CCBS standards. Her regional focus is Africa.

### Timm Tennigkeit

Timm Tennigkeit is an expert in the development and implementation of investment projects in agriculture and forestry. He works on private and public investment projects at the interface between climate change mitigation and land use.

### Aaron Munzaa

Aaron is the Strategy and Finance Director of Soil-Carbon Certification Services a not-for-profit social enterprise working with farmers in Western Kenya to leverage carbon finance in extension services to adopt Sustainable Agricultural Land Management (SALM) practices. SCCS aims support farmers improve livelihoods, reduce carbon emissions and adapt to and mitigate impact of climate change. He has nearly 15 years' experience in finance, business operations, research and advisory in both private sector and development fields. In his other time Aaron advises multilaterals, corporates and other development actors in bottom-of-the-pyramid and global inclusive development areas of agriculture, finance, climate change, and technology.

## Presentations:

## Recording



## Documents:

CompensACTION Guide book for project developpers:

<https://compensaction.com/wp-content/uploads/2023/09/Agricultural-carbon-project-development-Guidebook-for-project-developers-1.pdf>

CompensAction Policy Brief:

<https://www.giz.de/en/downloads/giz2023-en-clim-eat-g7-policy-brief-executive-summary.pdf>