

# TRUE COST ACCOUNTING AS A TOOL FOR FOOD SYSTEMS TRANSFORMATION UNDER CLIMATE CHANGE CONDITIONS



A side event at Food4Climate Pavilion of Climate COP27 by TMG Research, WWF Germany, TCA Accelerator and Global Alliance for the Future of Food

Venue: Food4Climate Pavilion and online

TUE 15 NOV 2022  
15:00 - 16:15 CET  
14:00 - 15:15 UTC

## SYNOPSIS

The convergence of four crises: climate change; COVID-19; conflicts; and associated high food costs call for a whole of system response to reorient and transform agri-food systems towards more inclusive, sustainable and resilient pathways. Held as part of the first-ever food system day at a negotiating session of the UN Framework Convention on Climate Change UNFCCC, this session will showcase the contribution of True Cost Accounting TCA approaches towards a more coordinated and holistic response to the climate and food crises.

The policy-oriented discussions will delve into how TCA approaches can be applied to a specific agri-food challenges, including:

- the need for anticipatory action to better manage transboundary threats such as drought, or invasive pests and diseases;
- how to build more resilient food production systems at the local level; and
- possible pathways towards healthy, sustainable and affordable diets.

TCA is an innovative tool that provides a holistic understanding of the relationships between agriculture, food, climate change, biodiversity, and human well-being and provides a systemic approach to assess, measure, and value the positive and negative impacts of food systems interventions. TCA helps to better manage the complexity of today's challenges and enables the identification of what needs to change in food systems to allow a nutritious, socially just, sustainable and climate-friendly diets for all.

#Food4Climate  
#TrueCostAccounting  
#COP27

# PROGRAMME

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15:00

**Welcome and introductory remarks by moderator**

- Martina Fleckenstein, Global Policy Director, Food Practice, WWF International

15:05

**Keynote: True Cost Accounting as a tool for food systems transformation under climate change**

- Alexander Müller, Managing Director, TMG Research

15:15

**Food insecurity in the horn of Africa: Adverse drivers and uncertainties**

- Ahmed Amdihun, Regional Programme Coordinator for Disaster Risk Management, Intergovernmental Authority on Development (IGAD)

**Diets for people and planet: The true impact of what we eat**

- Joao Campari, Global Leader, Food Practice, WWF International

**Leveraging the power of food procurement**

- Roy Steiner, Senior Vice President for the Food Initiative, The Rockefeller Foundation

**Embedding True Cost Accounting in government decision making**

- Kathleen Merrigan, Executive Director, Swette Center for Sustainable Food Systems, Arizona State University

16:00

**Interrelationship between True Cost Accounting (TCA) and Life Cycle Analysis (LCA) for the reduction of environmental impacts**

- Ulrike Eberle, Managing Partner, corsus corporate sustainability GmbH

16:10

**Closing remarks: True Cost Accounting can guide the necessary transformation of food systems towards the 1.5-degree goal**

- Ulf Jaeckel, Head of Division European and International Adaption to Climate Change, German Federal Ministry for the Environment, Nature Conservation, Building, Nuclear Safety and Consumer Protection (BMUV)



The Food4Climate Pavilion aims to bring food system transformation and sustainable diets to the heart of COP27, mainstreaming a transition toward diverse and resilient food production and consumption systems. The Pavilion will focus on proven climate change mitigation and adaptation solutions, including the shift towards plant-rich diets, adopting sustainable and resilient agricultural practices, and reducing food loss and waste. With a strong focus on a just transition, the programme brings together diverse stakeholders to explore inclusive mechanisms to fundamentally transform food and farming systems to tackle climate, environmental and social challenges together.