



**COP27**  
SHARM EL-SHEIKH  
EGYPT 2022

**COP27** Side events programme

# Systematic observation of greenhouse gases (GHG) to support climate action in cities and regions

Wednesday 9 Nov. 2022, 11:30–13:00 / Akhenaten

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This event is co-organised by Climate Chance, the Integrated Carbon Observation System, and the Republic of Côte d'Ivoire.

Climate Chance

ICOS

Republic of Côte d'Ivoire

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This event presents new approaches to generate spatial/temporal information from emission inventories, focusing on an African and a European point of view. The event aims to show how the comparison with observation and innovative data collection can improve inventories and support climate services for mitigation, adaptation and risk management. Each speaker below will have a 10 minutes topical talk, followed by a discussion.

**Antoine Gillod** *Director of the Observatory on Non-State Climate Action, Climate Chance*

Based on Climate Chance's 2022 Global Synthesis Report on Climate Action by sector, the Observatory will showcase the story behind the figures and key trends in climate action in the main GHG-emitting sectors across the world, with a focus on the increasing entanglement of geopolitical constraints and climate action, and its impact on society.

The presentation will also introduce the newly opened Observatory on climate action in Africa.

**Leena Järvi** *Professor in Urban Meteorology, University of Helsinki*

ICOS Cities (PAUL – Pilot Applications in Urban Landscapes) is a European research project aiming to develop a systematic GHG measurement system for urban areas. The presentation will showcase the measurement and modelling used in three pilot cities (Paris, Munich and Zurich) and discuss their adaptability and scalability to non-European cities.

**Véronique Yoboue** *Professor, Félix Houphouët-Boigny University*

Deterioration of air quality in Côte d'Ivoire has led to the rise of a science-based mitigation approach. During this presentation we will showcase the research outlines of the "Aerosols and pollution" team from the Université Félix-Houphouët-Boigny, featuring some of the measurements done, and underline the Côte d'Ivoire contribution to the KADI project.

The event will be moderated by **Werner L. Kutsch** *Director General of the Integrated Carbon Observation System (ICOS)*.