



SCIENCE MEETS CITY 2024

ASSESS YOUR CLIMATE JOURNEY

Welcome to Science meets City 2024, where scientists connect with cities all around Europe. The aim is to dig deep into greenhouse gas emission monitoring and explore how it can help your team accelerate your city's climate journey.

ICOS |  **Cities**



TUE 19 NOV, 2024



09AM - 2.30PM

BARCELONA, SPAIN & ONLINE

SCIENCE MEETS CITY 2024

AGENDA

9.00-9.10 WELCOME

Dr **Werner Kutsch**, ICOS Director General

9.10-9.30 OPENING KEYNOTE

Impactful climate strategy design in urban contexts

How can city officials and civil society improve climate integrity in policymaking - with support from scientific evidence.

Tabaré Curras, Technical Lead, WWF Cities

9.30-10.30 Q&A SCIENTISTS SOLVING CITY CHALLENGES PART 1

Can we assess our city's climate action progress using greenhouse gas measurements?

- *Mentimeter survey*: Digging deep into city climate challenges & needs
- *How can greenhouse gas observations help cities assess their climate action? How can emission monitoring improve the inventories?*
Hugo Denier van der Gon, Principal Scientist, Air Quality and Environment, TNO
- *Panel discussion*: Assessing and accelerating climate action in cities - from science to policy. The panel will address city climate action challenges focusing on greenhouse gas emission monitoring in urban environments.

Panelists: **Werner Kutsch** (ICOS RI), **Oksana Tarasova** (WMO), **Tabaré Curras** (WWF Cities), **Hugo van der Gon** (TNO), **Gara Villalba** (Autonomous University of Barcelona).

10.30-11.00 COFFEE BREAK with light brunch

11.00-11.45 Q&A SCIENTISTS SOLVING CITY CHALLENGES PART 2

Climate challenges of the city of Barcelona - how can science be of help for cities following up on climate actions?

- **Elena Lacort**, Head of the Office of Climate Change, Barcelona Metropolitan Area
- **Gara Villalba**, Professor of the Department of Chemical, Biological and Environmental Engineering, Autonomous University of Barcelona
- **Marc Guevara**, Established researcher, Earth Sciences - Emissions, Barcelona Supercomputing Center

11.00-11.45 Q&A SCIENTISTS SOLVING CITY CHALLENGES PART 3

What are the opinions and challenges of city officials and residents concerning climate policies?

- European Social Survey highlights - recent results from climate surveys in Paris and Munich (1200 respondents in Munich and 800 in Paris)
Agustin Blanco, PhD Investigator, University Pompeu Fabra in Barcelona, European Social Survey
- Policymaker interviews highlights - Zurich, Munich and Paris: Climate change and extreme events
Barbara Dias Carneiro, PhD Researcher, Technical University of Munich

12.15-12.30 ENGAGEMENT ACTIVITY PART 1 - INTRODUCTION

Tools, services and prototypes for accelerating climate action in cities

Katie Berns, Post-doctoral Researcher, Aalto University & **Tatu Marttila**, Senior University Lecturer, Aalto University

12.30-13.00 SHORT COFFEE BREAK

13.00-14.30 ENGAGEMENT ACTIVITY PART 2

World Café engagement activity - tools, services and prototypes for accelerating climate action in cities

A World Café interactive session where the attendees get to evaluate and co-design tools and prototypes that can help accelerate and assess climate action through greenhouse gas monitoring.

Theme 1: Making emissions data transferable and usable

Prototype: e.g mock-up of scenario development tool

Theme 2: Communicating data to support policy development

Prototype: e.g paper prototype of data visualisation

Theme 3: Facilitating collaboration within and between cities

Prototype: e.g dashboard for sharing success/failure stories

Presentations

Wrap-up of the event

14.30- LUNCH!

The event is organised by the ICOS Cities project, that brings together European policy makers and top scientists in co-designing pioneer greenhouse gas monitoring and services for cities to support climate action.

Urban areas contribute to a large share of global and European fossil fuel emissions - cities are therefore at the heart of emission reduction efforts. The ICOS Cities Horizon 2020 project develops systematic observations of greenhouse gas emissions in urban areas.



The project closely collaborates with many renowned universities and institutions around Europe. We also have a close co-operation with the three pilot cities in the project: Paris, Munich and Zurich. The aim is to co-design relevant climate services and tools based on the city needs.

12 additional cities covering the European continent are supporting the project: Antwerp, Barcelona, Basel, Brno, Athens, Copenhagen, Heidelberg, Helsinki, Krakow, Rome, Rotterdam and Porto.

More information: icos-cities.eu

