

# ICOS | Cities

## THIS NEWSLETTER AT A GLANCE:

- Event: Science meets City 2024
- Media article: How much CO2 does Zurich emit?
- Photos from Munich sites
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**Science meets City 2024 in Barcelona:  
Accelerating climate action with**

# innovation

The [ICOS Cities](#) event '[Science meets City 2024](#)' brought together nearly 75 city representatives and scientist in Barcelona in November 2024.

The focus was on harnessing the power of greenhouse gas monitoring for smarter climate action in cities. City representatives from a range of various urban environments came together, from e.g. Barcelona, Munich, Heraklion, Paris, Copenhagen, Rotterdam and Porto. They delved into critical questions: How can we ensure climate-conscious policies? How can observing greenhouse gas emissions help us track progress?

[Read the article & check out the photo album](#)



[Media article in Phys.org about ICOS Cities](#)

# How much CO<sub>2</sub> does Zurich emit?

Many urban areas have more ambitious climate targets than their countries - including the city of Zurich, which aims to achieve net zero by 2040, 10 years before Switzerland. Reducing greenhouse gas emissions in such a short space of time requires reliable data. "No diet can be successful without a scale," says Lukas Emmenegger, ICOS Cities, in an article in Phys.org.

The data collected shows progress, reflects the effectiveness of measures and creates incentives by making emissions more visible and tangible.

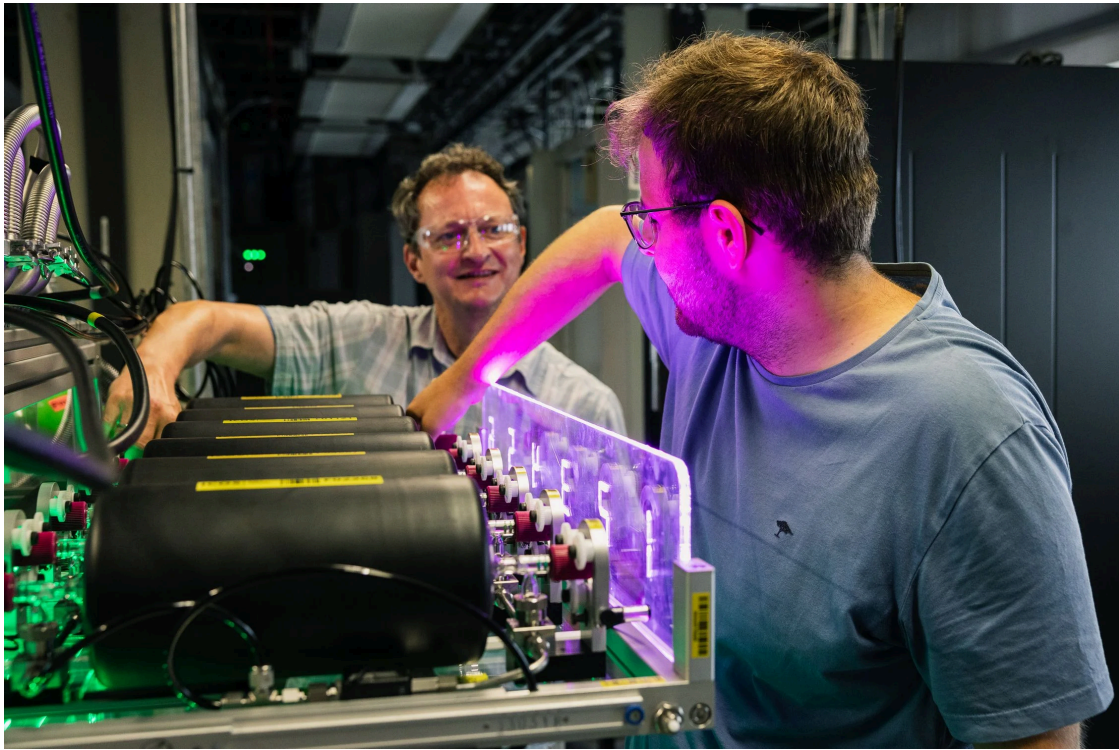
It is no coincidence that Zurich is one of the three pilot cities in the ICOS Cities project. "The city already has high-quality data on its emissions, has a 'digital twin' and is very open with these resources," explains Emmenegger.

As part of ICOS Cities, Empa researchers have expanded the network to 60 locations throughout the city. The inexpensive, small measuring devices cling inconspicuously to street lamps and trees from Uetliberg to Irchel. This low-cost sensor network is supplemented by a mid-cost network.

[Read the full article in Phys.org](#)

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## Photos from Munich sites



Photos from the third pilot city, Munich, and the ICOS Cities team's activities there are now available. Check out the photo album on Flickr and for downloading the photos, please use the link below.

*Credits: Pekka Pelkonen/ICOS RI*

[Downloadable versions](#)

[Munich photos on Flickr](#)

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## Call for EGU25 abstracts

The EGU25 abstract deadline is approaching on 15th of January 2025.

Last year, the ICOS Cities team launched a new session, merging social sciences and environmental studies and that session will take place again: [Session ITS3.1/CL0.14](#)

Since this session is very much aligned with your the ICOS Cities tasks, do consider submitting an abstract.

[More information](#)

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## Upcoming events



7-9 April 2025, Geneva, Switzerland

### Urban Greenhouse Gas Conference and Stakeholder Summit 2025

The event is jointly hosted by WMO Integrated Global Greenhouse Gas Information System (IG<sup>3</sup>IS) and ICOS Cities project. Event highlights:

- Showcase the latest findings from urban greenhouse gas researchers
- Workshop sessions to review and finalize the draft IG<sup>3</sup>IS Urban Good Practice Guidelines
- Dedicated day to connect scientists and stakeholders

Registration & abstract submission



26-29 May 2025, Munich, Germany

## ICOS Cities annual meeting in Munich

The fourth ICOS Cities annual meeting will be held in May 2025 in Munich. We will provide virtual access for a hybrid meeting for most sessions, but we would like to encourage you to come in person if possible.

Read more

### Horizon 2020 project

ICOS Cities, aka Pilot Applications in Urban Landscapes - Towards integrated city observatories for greenhouse gases (PAUL), has received funding from the [European Union's Horizon 2020 research and innovation programme under grant agreement number 101037319.](#)



Read more



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