# Citizen Science

## Empowering citizens for better local mobility policies

Every citizen is a mobility expert. Citizen science allows them to actively participate in mobility research. Not as study subjects or survey respondents, but as real researchers. This active citizen participation brings two major benefits:

- it enables citizens to more **easily embrace the strategies and policies** that flow from mobility research
- it **empowers policymakers to be bolder** in moving towards more sustainable mobility, without fear of public resistance or backlash.



## More than just data collection

Thanks to years of experience with citizen participation and co-creation, Mobiel 21's multidisciplinary team of experts helps you, your organisation, or your city get the most out of citizen science.  To guide all of our citizen science projects, we use our **Citizen Science Framework** developed and tested within the WeCount project. This framework helps determine in which project phases citizens can participate. Crucially, the framework shows that citizen science can cover so much more research aspects than just data collection. It's a journey that can span from community building to post-project reflection.

## Best practices in citizen science

- Recognize citizens mobility expertise
- Build a community of citizens to collect objective data
- Analyse mobility data together for optimal insights
- Cocreate solutions with citizens and other stakeholders
- Test and implement mobility measures supported and understood by the community
- Keep the conversation going, on the streets and online

**Did you know?**

**Telraam already has over 1.900 active sensors worldwide, from Europe to Mexico. And the counting community just keeps on growing.**

**Elke Franchois**
Citizen Science Expert @ Mobiel 21

# Telraam

## Your window on local traffic

Telraam is **an automatic traffic counter** that enables citizens to count the number of cars, heavy vehicles, cyclists and pedestrians in their own street. A front window, Telraam sensor, power outlet and Wi-Fi connection are all your citizen scientists need to start counting.

Telraam encourages interaction between citizens and gives them the tools to engage in professional data analysis. All Telraam data are also available to the public so everyone gets a full picture of traffic volumes and cities and towns can **finetune mobility policies** based on reliable data.

👉 **www.telraam.net  -  info@telraam.net**

# PING

## Improving cycling in your city

PING is an **innovative and data-driven tool** that **locates and visualizes bottlenecks** in urban cycling traffic. Cyclists track their ride, collect data on cycling conditions, give feedback and digitally categorize their data. PING thus provides policymakers with an **overview of local cycling issues** and allows them to finetune their cycling policies.

To participate, citizen scientists only need a PING button on their bicycle handlebar and the Bike Citizens app on their phone. That's it. **Citizen science made easy!**

👉 **www.bikecitizens.net/ping  -  ping@mobiel21.be**

## Ready to discover what citizen science can do for you?

👉 **www.mobiel21.be**

@ **info@mobiel21.be**