

A project by
**Responsible
Sensing Lab**

Simple Sensors

Simple Sensors offer a window into the **networked systems** that inform the management of urban resources

Simple sensors invite citizens to engage through **playful** or **thought-provoking features**

Simple Sensors in short

- ① Clear **affordances** that indicate what is measured
- ② Real-time **insight** in how measurements are converted into data
- ③ Show **who is using** data and for what **purposes**
- ④ Indicate the **intervals** with which data is shared
- ⑤ Clear presence in public space as **interface to city management**
- ⑥ Invite people to **verify** if the sensor is working as intended
- ⑦ Have **playful features** that invite citizens to engage with the sensor

Meet the family of modules



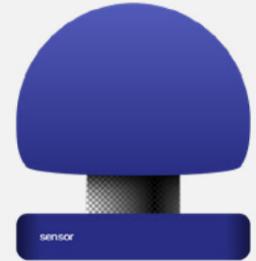
mm-wave sensor



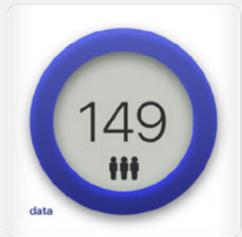
mm-wave sensor (sideview)



environmental noise sensor



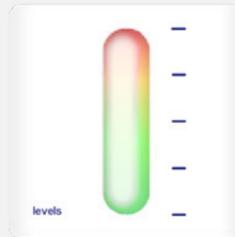
air quality sensor



real-time data



transmission interval



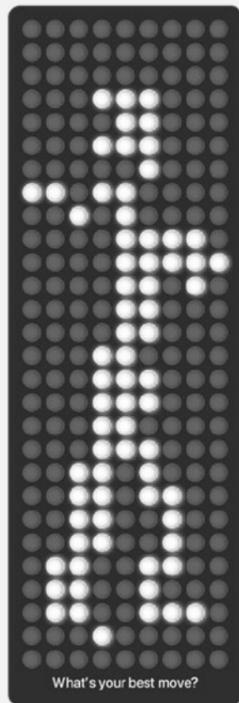
real-time data



threshold indicator



Press to play



Dance moves



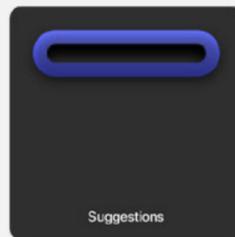
Download data



On / Off switch



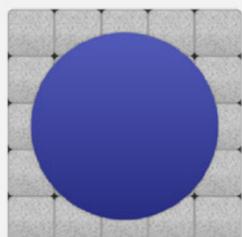
Citizen adjust threshold



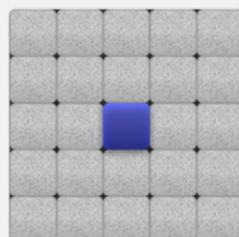
Suggestions



Periscope



Street dot



Sample demarkation

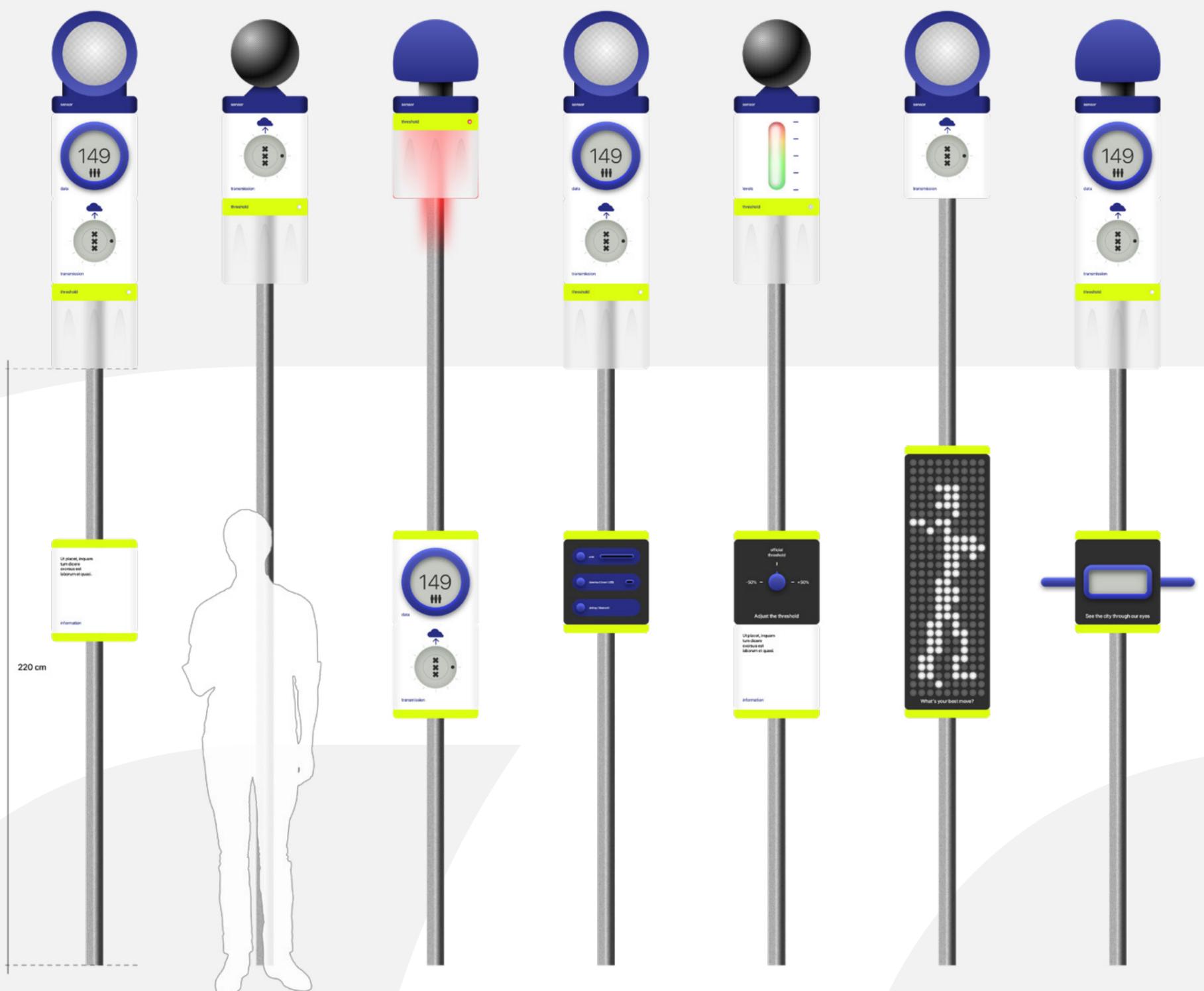


Solar power



Information surface

Creating new perspectives on collecting data in the city



If you would like to know more about this project, please visit:
responsiblesensinglab.org/projects/simple-sensors

