

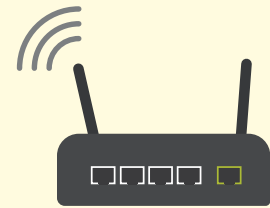
Observatory

Non-intrusive, low-cost,
validated, scalable

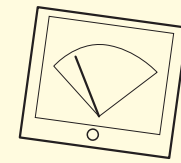
IoT Appliances
& Sensors



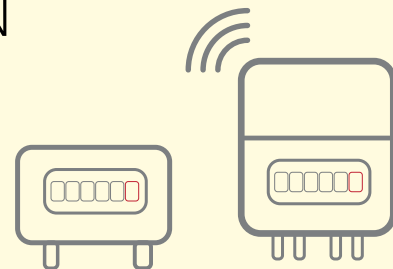
Mobiles



WLAN



CAD



Smart Meters

$n \geq 2000$

[...]
Responsive

Laboratories

Experimental, innovative,
controlled, problem led

Sensor
trials



$n \approx 200$

Heat

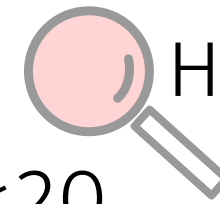


Engagement



Forensics

In-depth, qualitative,
targeted, data led



High users

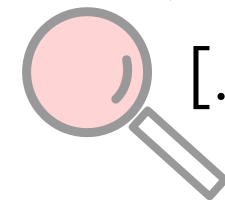
$n < 20$



Flexible users



Early adopters



[...] Responsive

Forensics steps

- 1) Identify a specific need to
 - understand outliers
 - collect additional data
- 2) Recruit and instrument homes
- 3) In person visit and observation / data validation
- 4) Propose new methods or instruments for Laboratory