

## LoSIMS

Local-scale
Stormwater
Infrastructure
Monitoring
System

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## **Problem with existing systems**

## Negligence

Flood warnings are routinely ignored due to historical inaccuracy

## Low granularity

Existing river-level, rain-intensity, and storm drain monitoring systems are too broad to inform localized flooding





## Roadmap



Product design



Prototype demo



Project siting



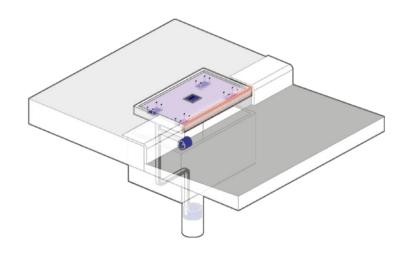
City-community interface

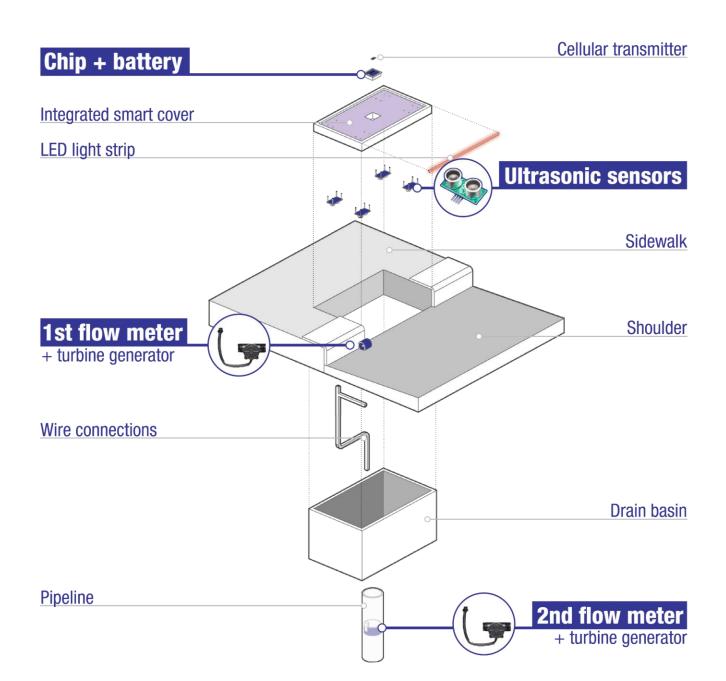


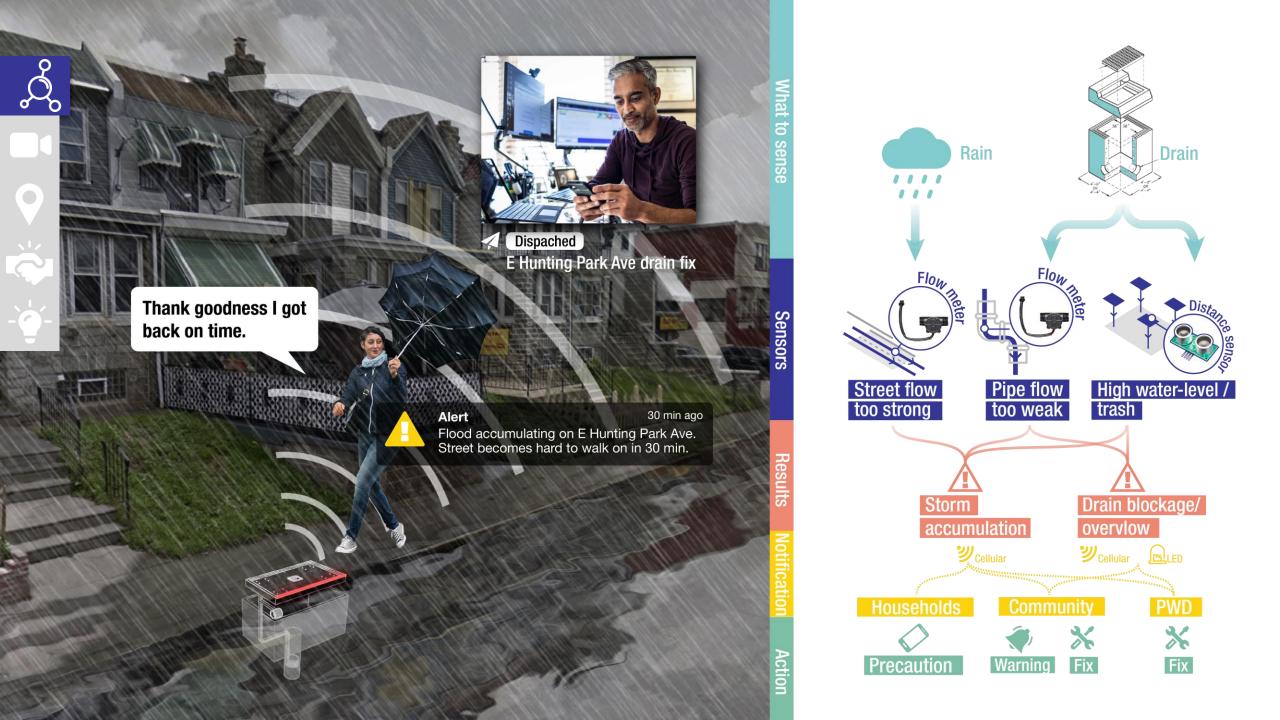
Future considerations



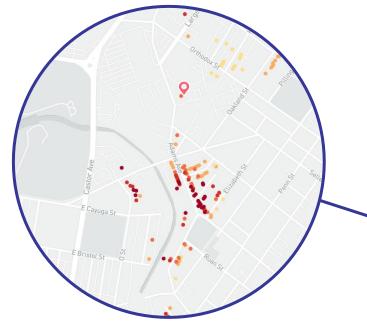
# Product design







# **Project** siting

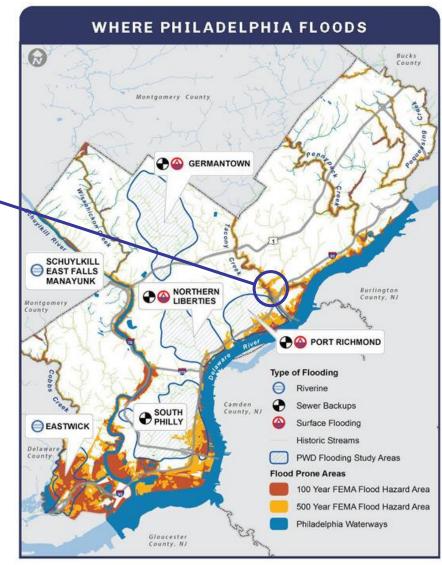


Where to put LoSIMS

XXX

Pilot program

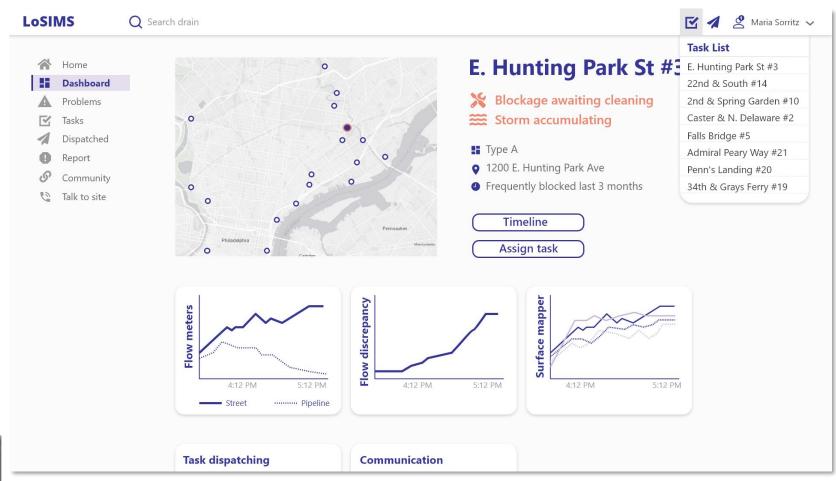
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# City/Community Interface







### **Oversight**

 What are the realistic operational constraints for active municipal management and maintenance?

## Community

- What might engagement/education with local community groups look like?
- How will residents interact/respond to a smart-drain system on their block?