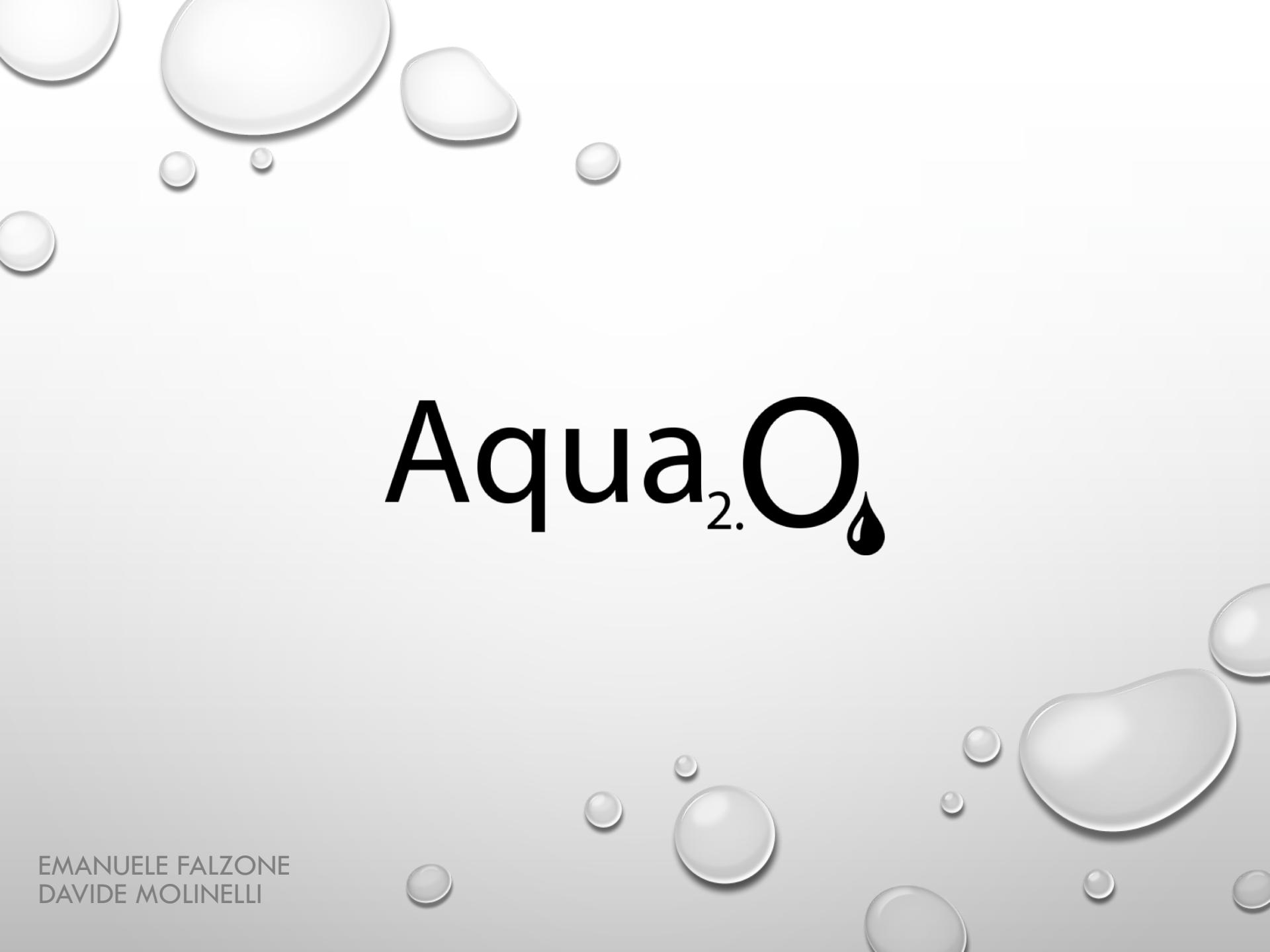


Aqua₂O_•

The background features a collection of white, semi-transparent water droplets of various sizes and shapes scattered across the surface, some overlapping the text.

EMANUELE FALZONE
DAVIDE MOLINELLI

SUMMARY

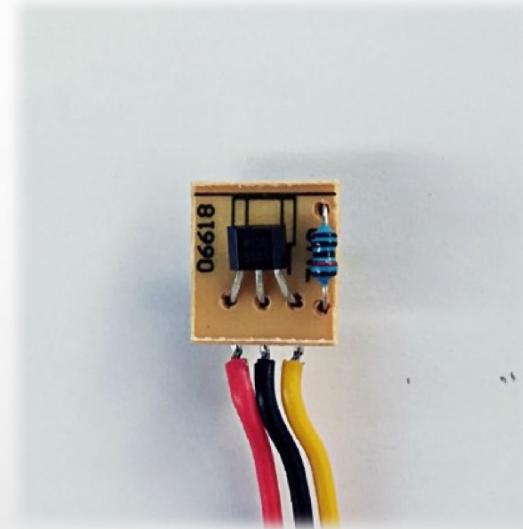
- OBJECTIVE
- THE SENSOR
 - HOW IT WORKS
 - SENSOR ANALYSIS
 - COMPARISON WITH ANOTHER SENSOR
- THE SYSTEM
 - THE LOCAL SYSTEM
 - THE REMOTE SYSTEM
- DEMO

OBJECTIVE

CREATE A SYSTEM ABLE TO:

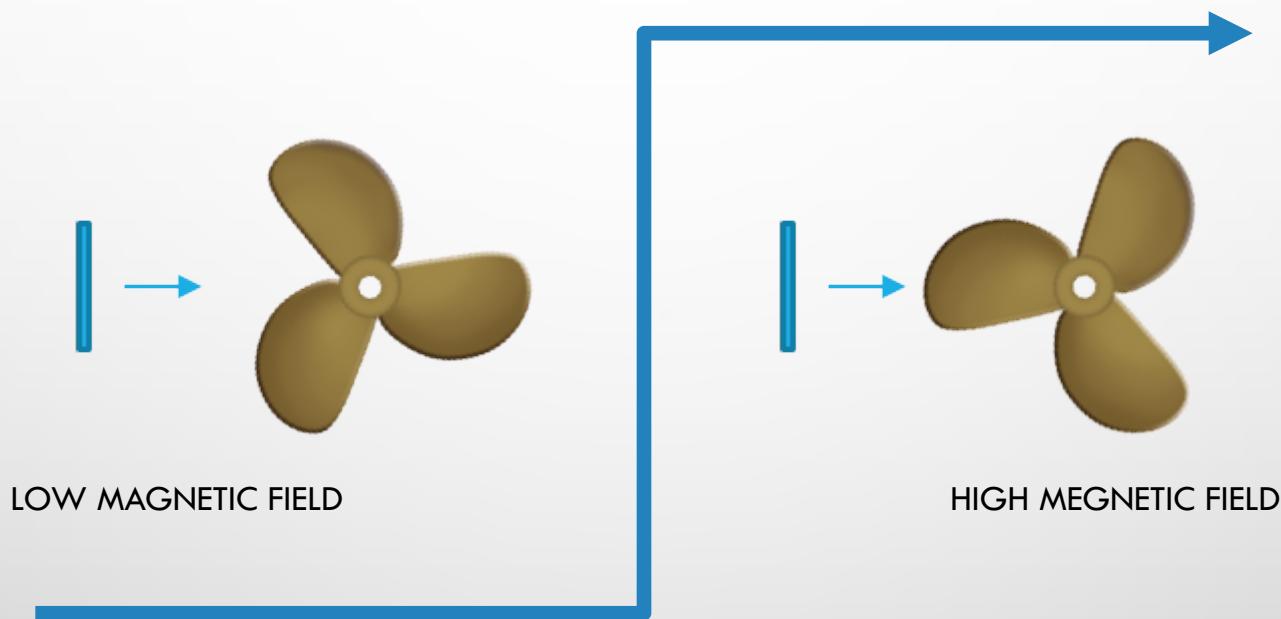
- **MONITOR** THE DOMESTIC WATER FLOW IN **REAL TIME**
- **STORE** THE DATA ABOUT THE CONSUMPTION ON A SD CARD
- **TRANSMIT** THE DATA ON A SERVER

THE WATER-FLOW SENSOR

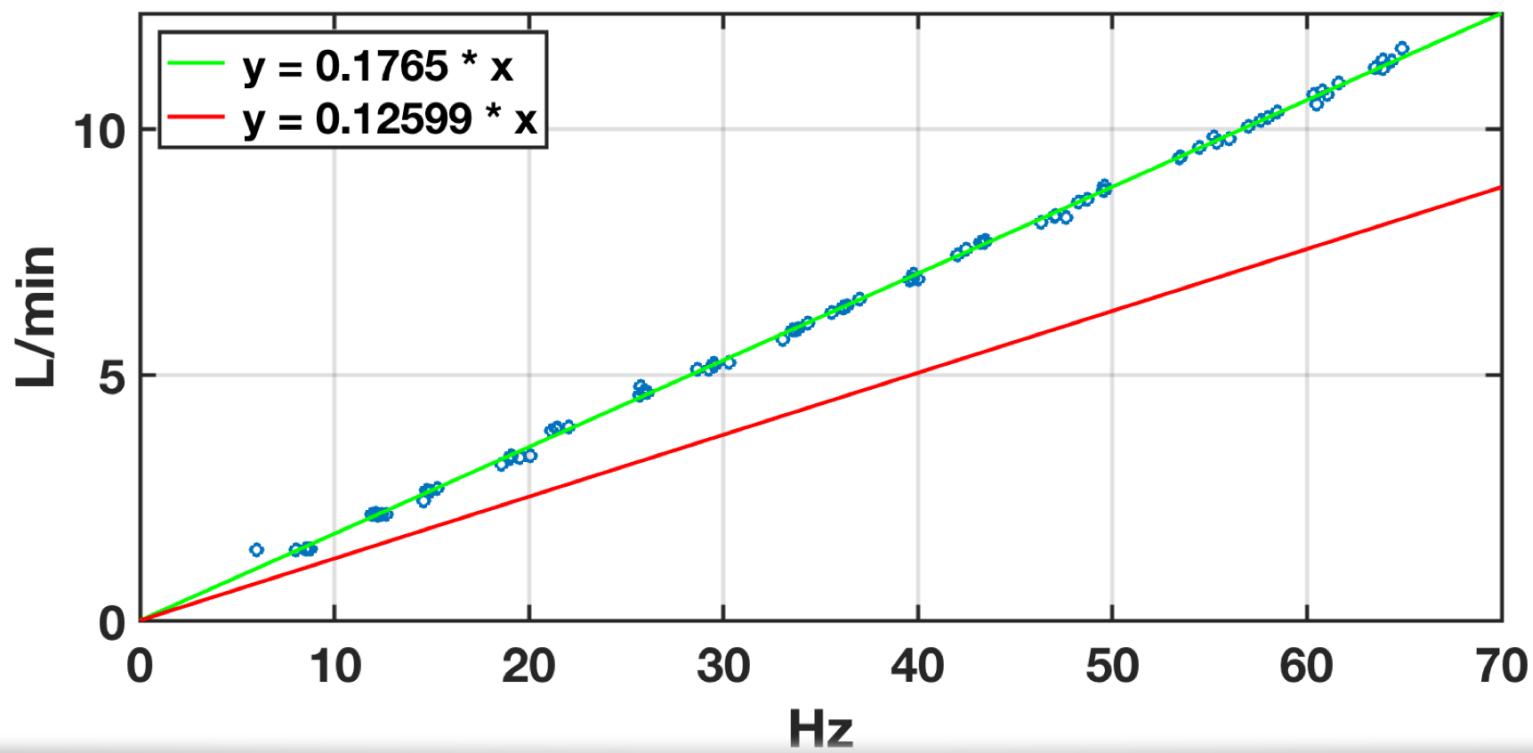




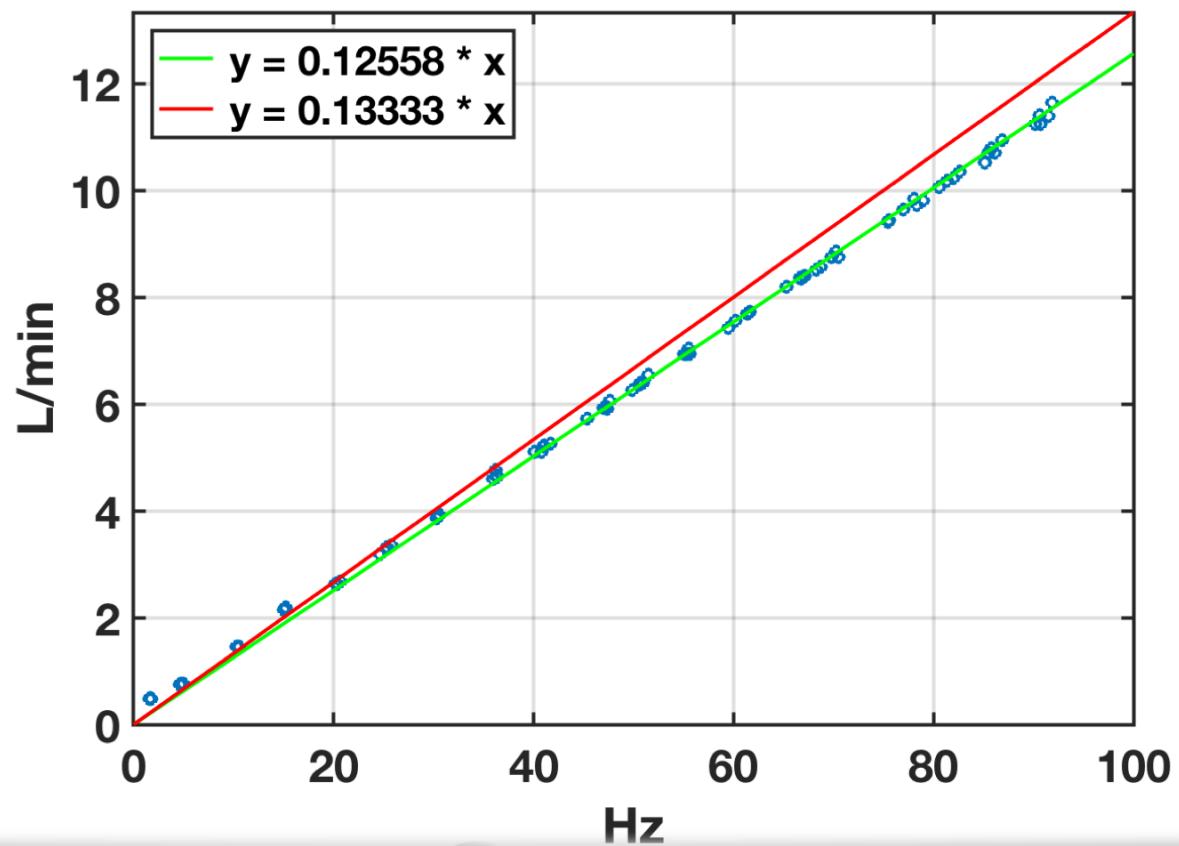
HOW DOES IT WORK?



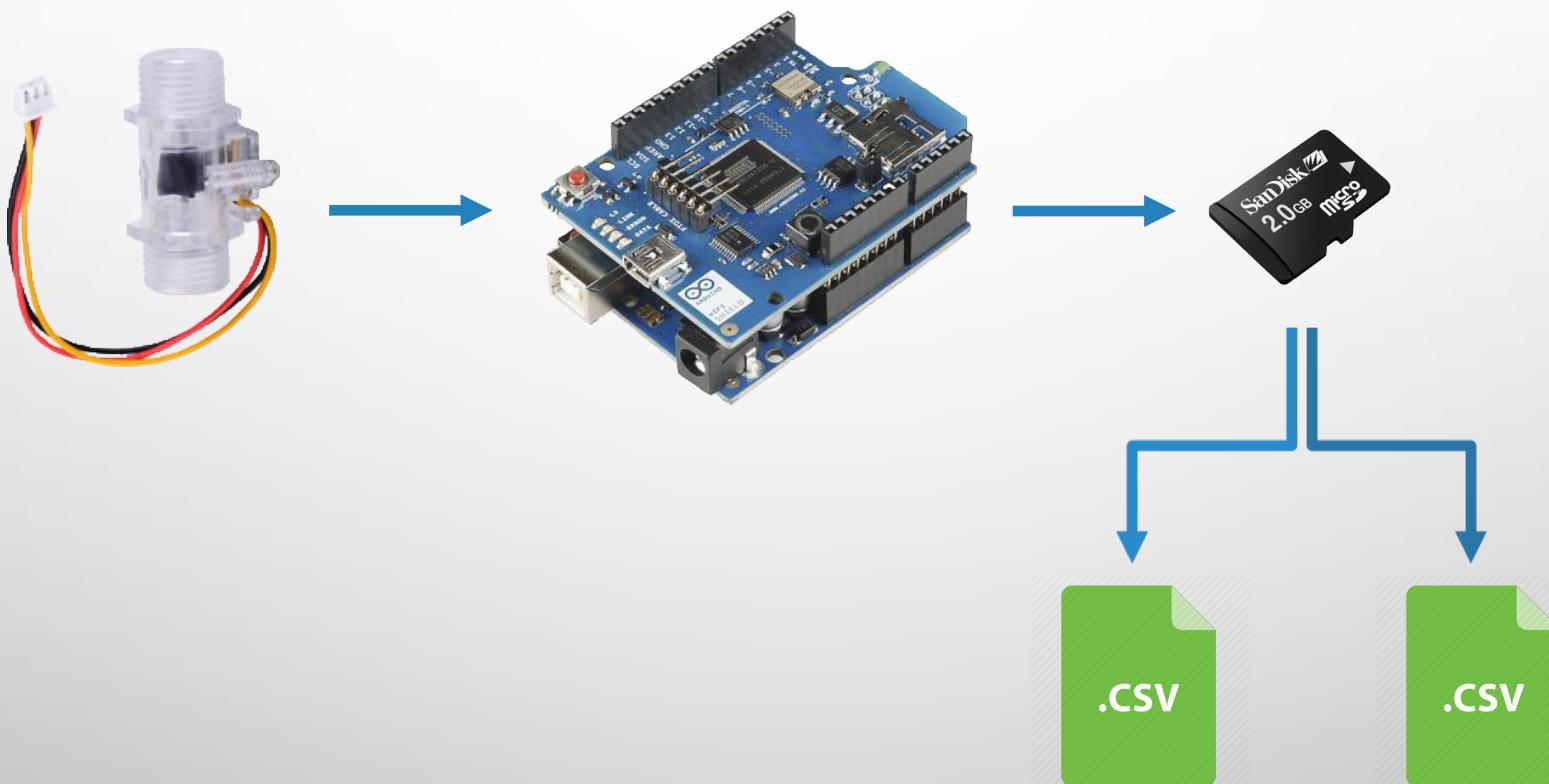
SENSOR ANALYSIS



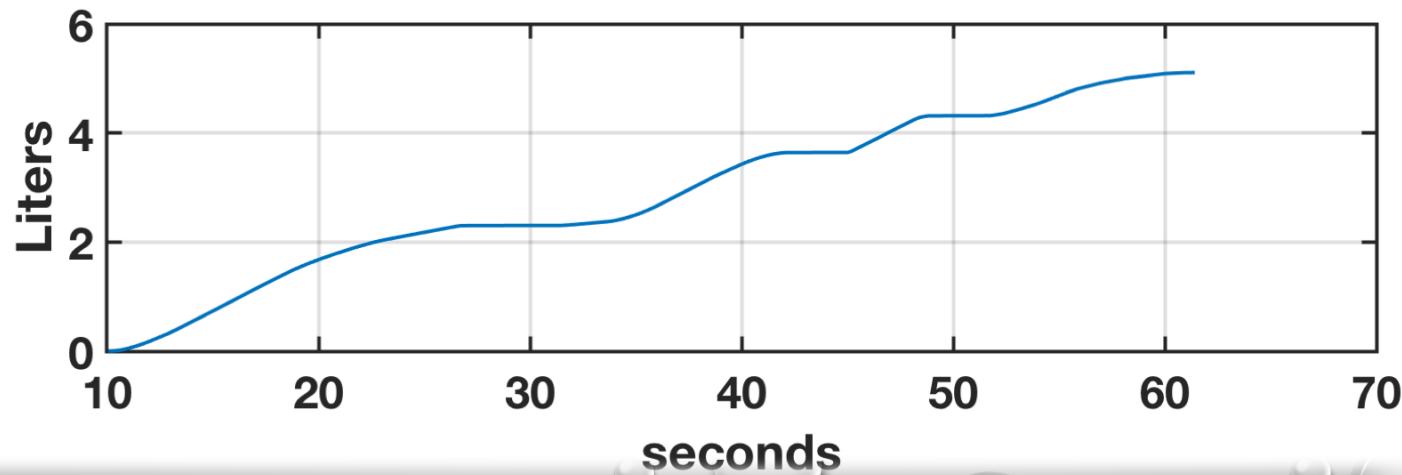
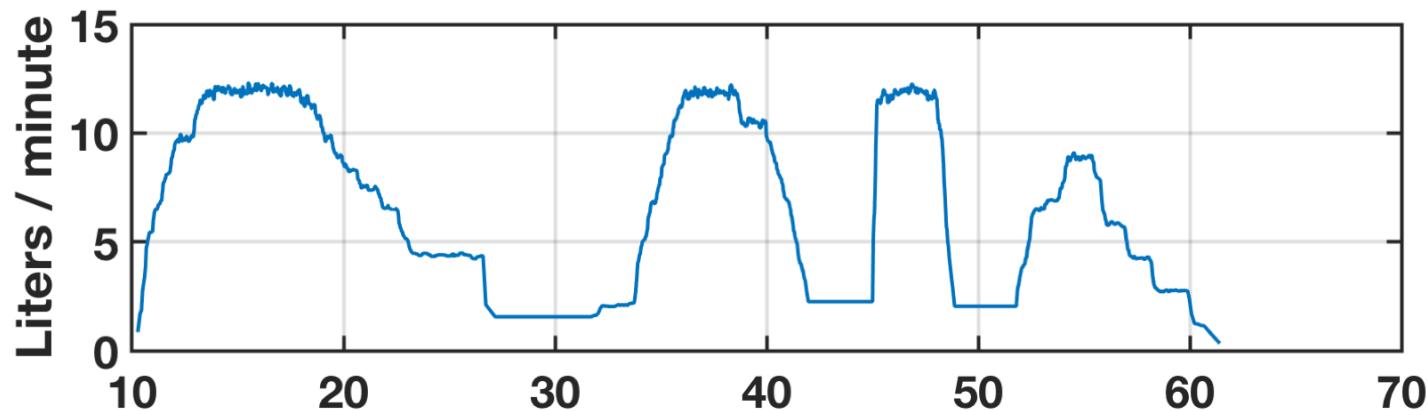
ANOTHER SENSOR



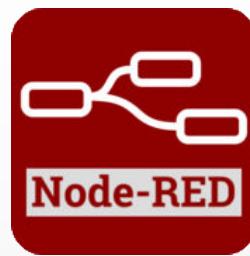
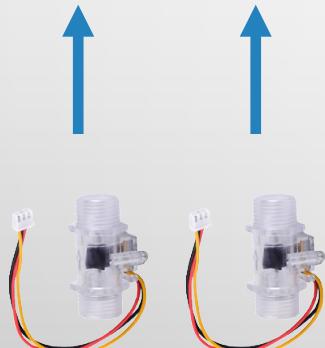
THE LOCAL SYSTEM



DATA ANALYSIS



THE REMOTE SYSTEM



00:02 STOP

62% 12:26

Aqua₂O₂



THANK YOU