



River 4U: flood alert for Water Utilities



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Water in industrial applications

How much
WATER is there



And **when** will it
become available?



Will it create any
issue with my plant?



SMAT - Torino

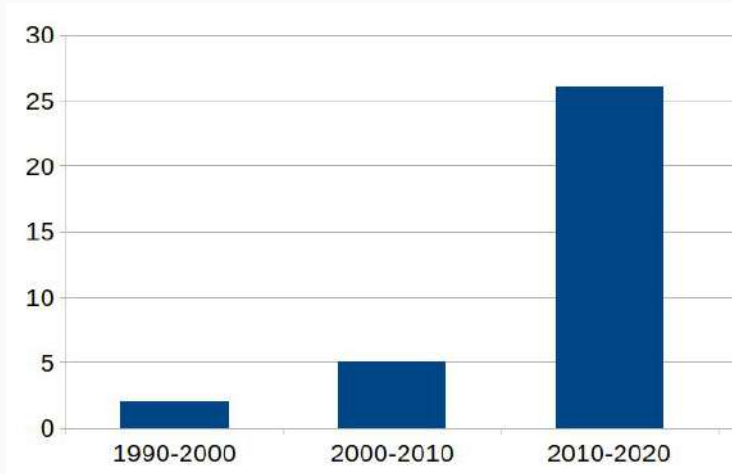


- delivering water to + 2 M inhabitants



Challenge

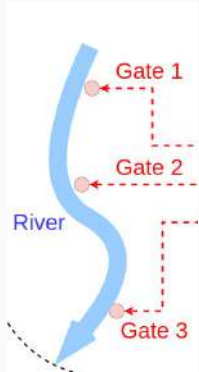
Extreme events (flood) in Turin



29/08/2016, Borgo Dora (Turin)

The challenge

Current approach



Manual intervention
(gates closing and opening)



**Backflow
flooding**

Problems



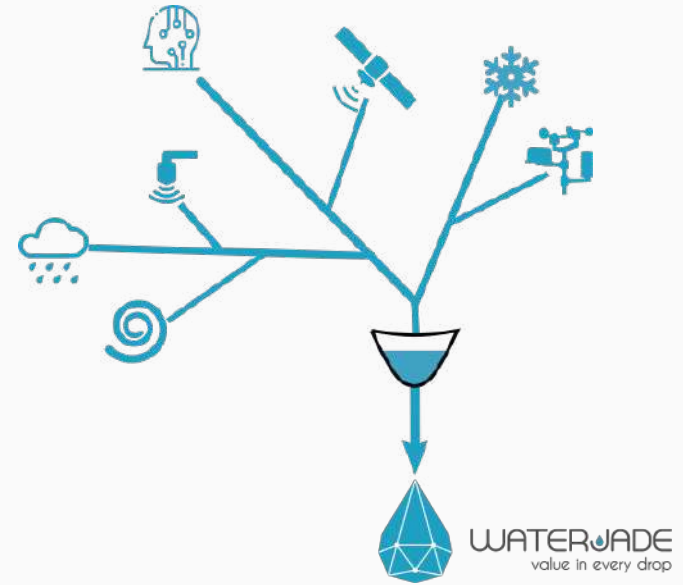
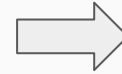
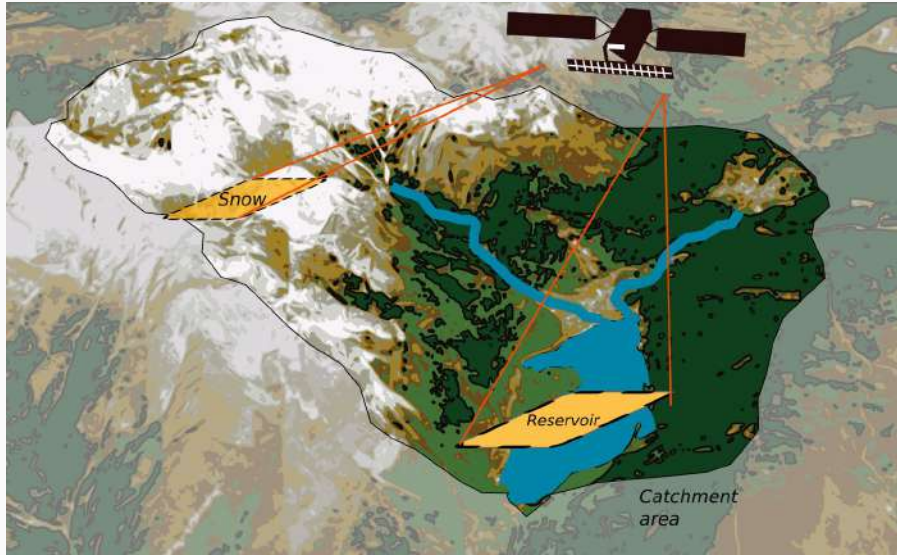
**Time
consuming**



**High
costs**

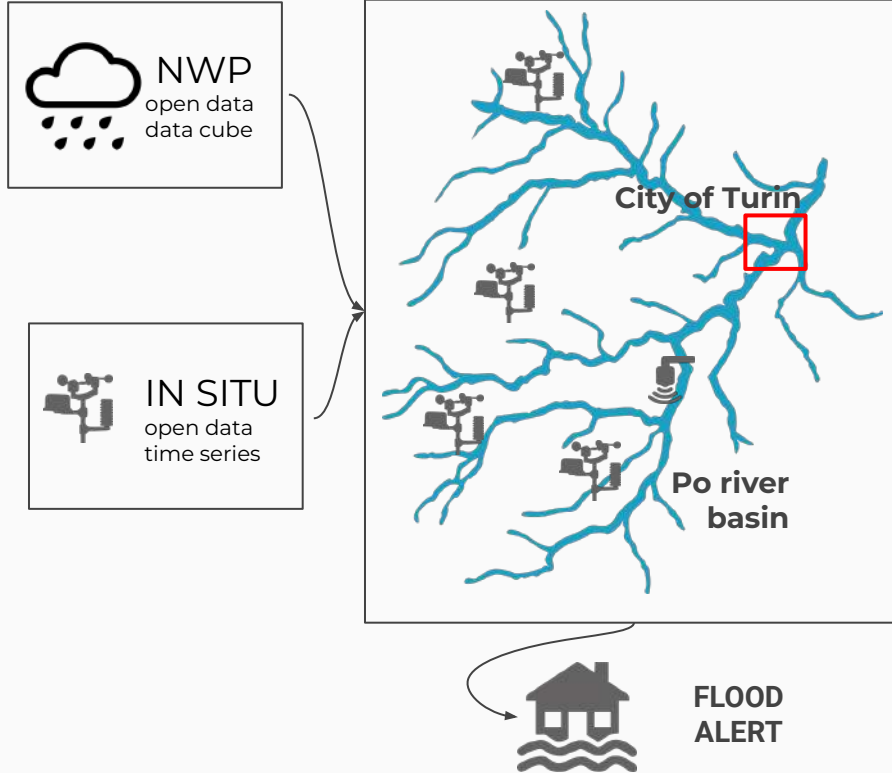
- false alerts
- missing interventions

Technology



**The Digital Twin of the
catchment**

The solution



SCADA system

Advantages



OPTIMIZATION



Time and cost
saving



Reduced penalties



WATERJADE
value in every drop

SCALABILITY



Open data



Globally
available



Dockerized

SCADA

Replicability





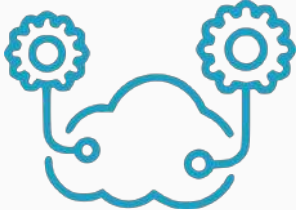



CITTA' DI TORINO

expressed a formal
letter of support

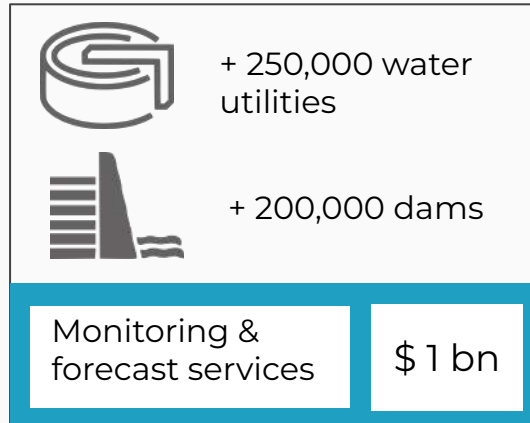


Business model

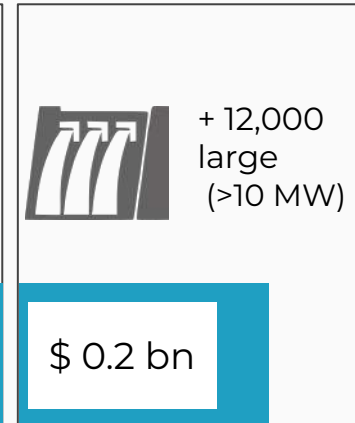
 configuration	 forecast	 Decision support
Service 		SaaS 
 recurrent annual subscription per plant		service fee per plant or user

Addressable market

Water Utilities



Hydropower



CAGR: 10-20%

(Frost & Sullivan)

DIRECT SALES



Open
innovation



2 POC in Spain
1 POC in Portugal

STRATEGIC PARTNERSHIPS

Software provider
for water Utilities



Team



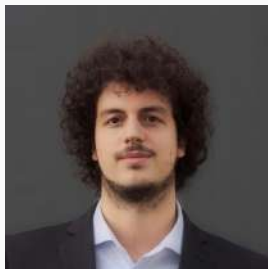
Matteo Dall'Amico (CEO)
Business development



Stefano Tasin (CTO)
Algorithms & IT



Ruggero Andreatta
Hydrological forecast



Nicolò Franceschetti
Hydrological forecast

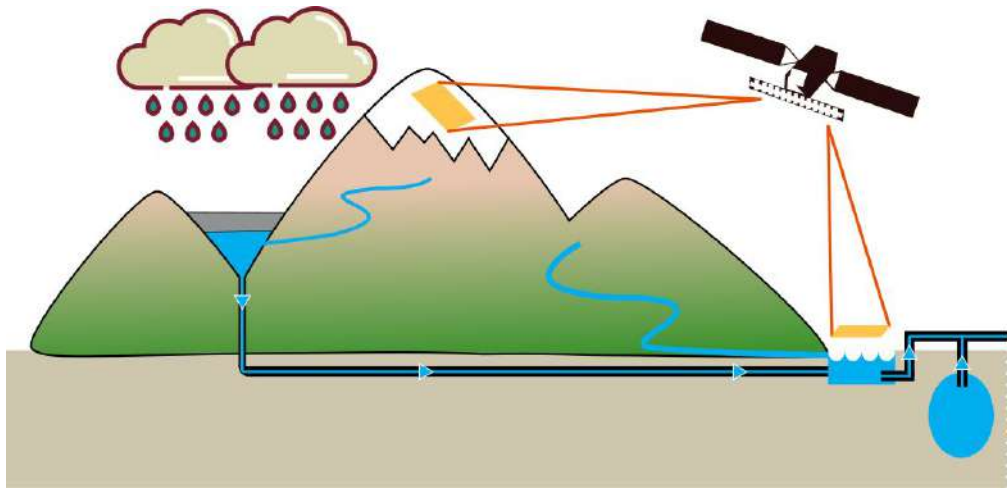


Federico Di Paolo
Earth Observation



Giulia Rossi
Machine learning

THANKS FOR YOUR ATTENTION



WATERJADE
value in every drop

The Digital Twin of the catchment

Awards:



TRENTINOSVILUPPO
IMPRESA INNOVAZIONE MARKETING TERRITORIALE



EDISON pulse



Europe



DigiFed

SOL SMART OPEN LISBOA
green capital

Go2Space-HUBs
COIMBRA • MADRID • TALLINN



REACH

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