

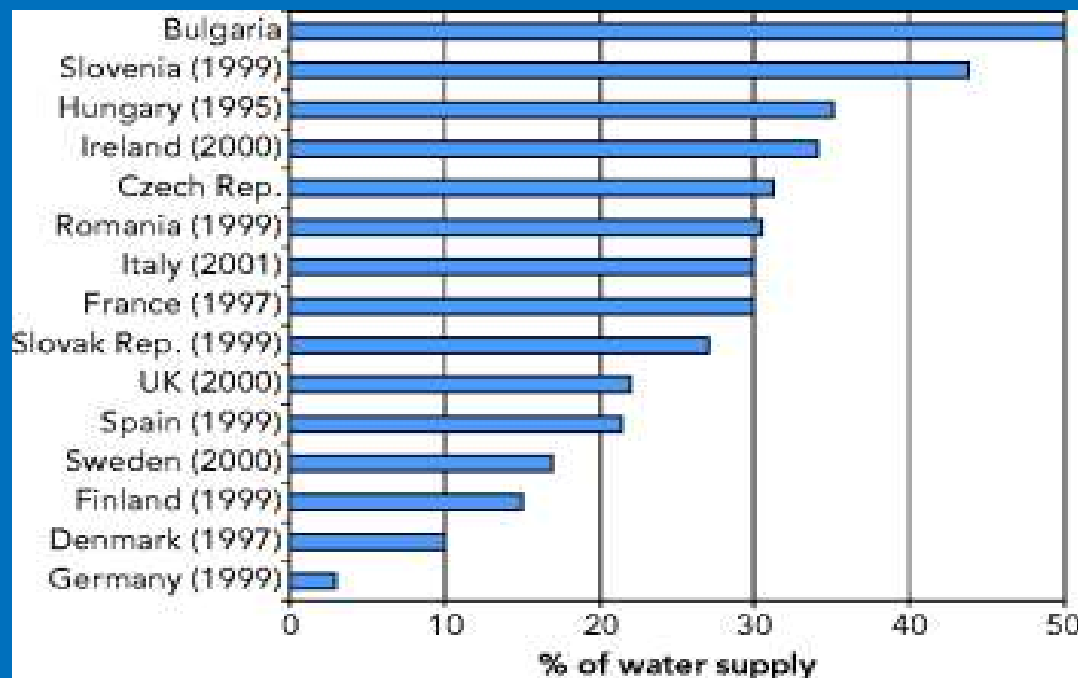
Monitoring the unknown.

**Play smart!!**

**Don't waste your budget on blindly renewing old pipes!**

**Detect leaks early and increase your pipeline network safety and continuity!**

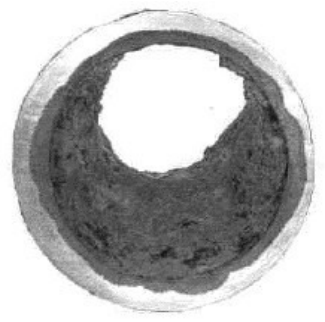
While you are reading this sentence,  
**12,000 m<sup>3</sup>** of fresh water  
are lost worldwide due to leaks in water pipes!!!



**DEMAND FOR WATER**



**WATER RESOURCES**



**Pipe's condition**



**What need to be solved?**



**Valves conditions**

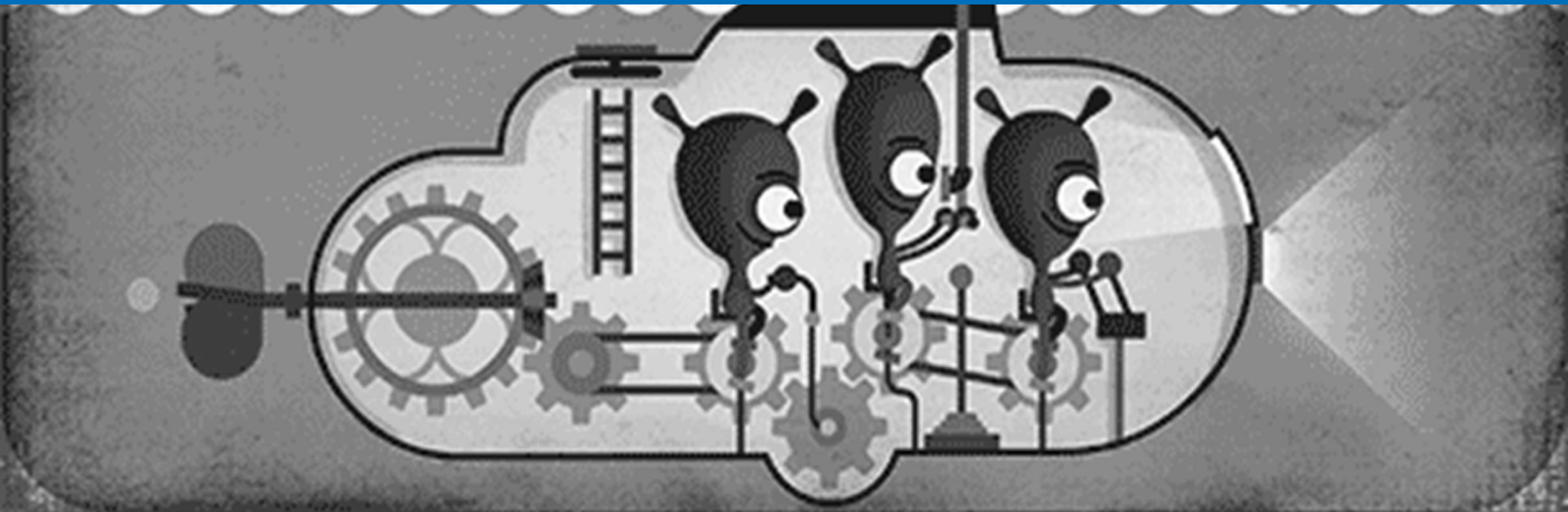


**Pirate connections**



**Leaks**

- **Malfunctions study**
- **Regulations – Renewing**
- **Energy Saving**



Imagine what you could achieve if your team could  
**get inside the pipeline?**

# The Technology

A system consist of the following:

An autonomous platform (the “Sub.”)

- » carrying a variety of sensors and data processors
- » self navigation
- » Communication



Launching and Collecting systems

Data Analysis system: AI + Deep learning

LIGHT

VIDEO

AUDIO

CONTROL  
UNIT

BALANCE  
UNIT

NAVIGATION



GYRO

ENERGY

COMM.  
In Process

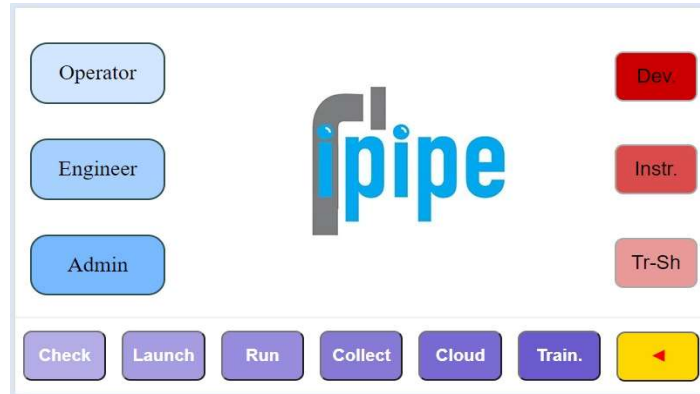
US-  
(Future)

EM-  
(Future)



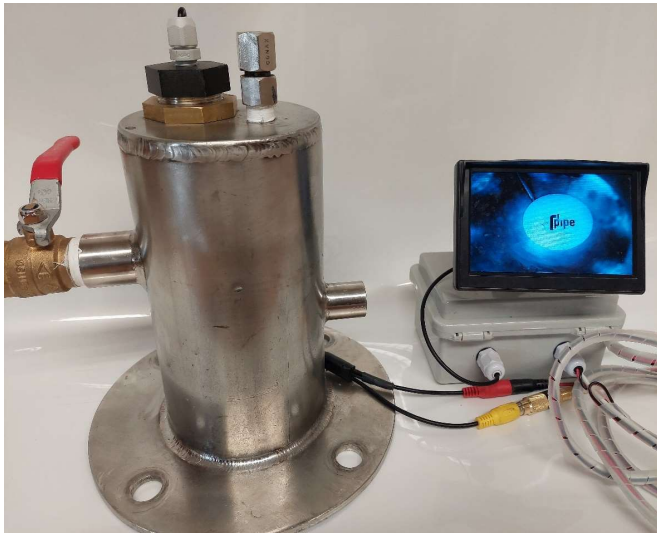


# The Product



## The 'Neptune'

4" - 8" pipe  
1 - 10 bar  
up to 1 km

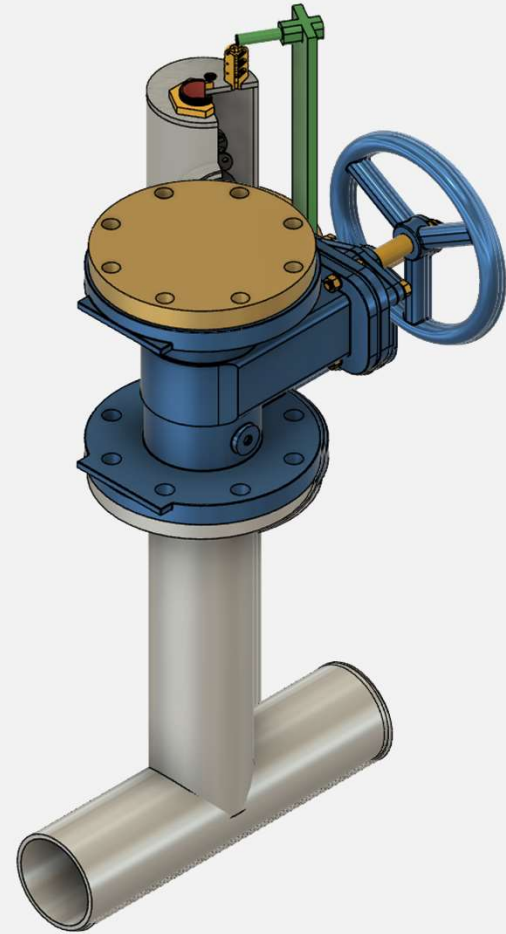
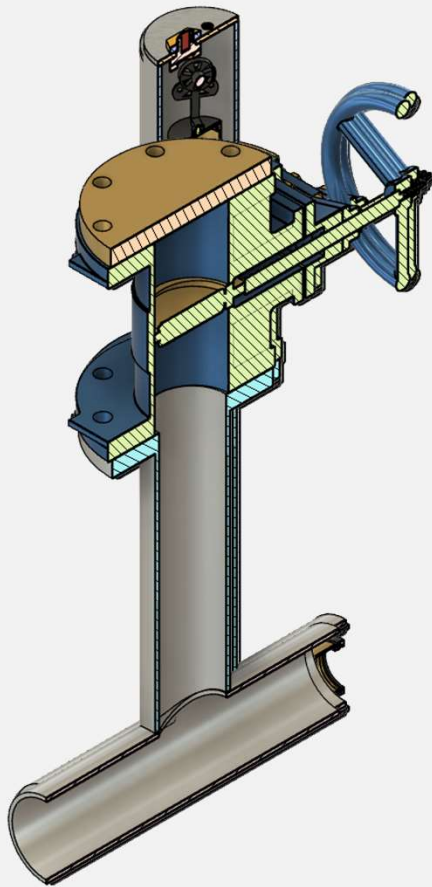


## Coming Soon

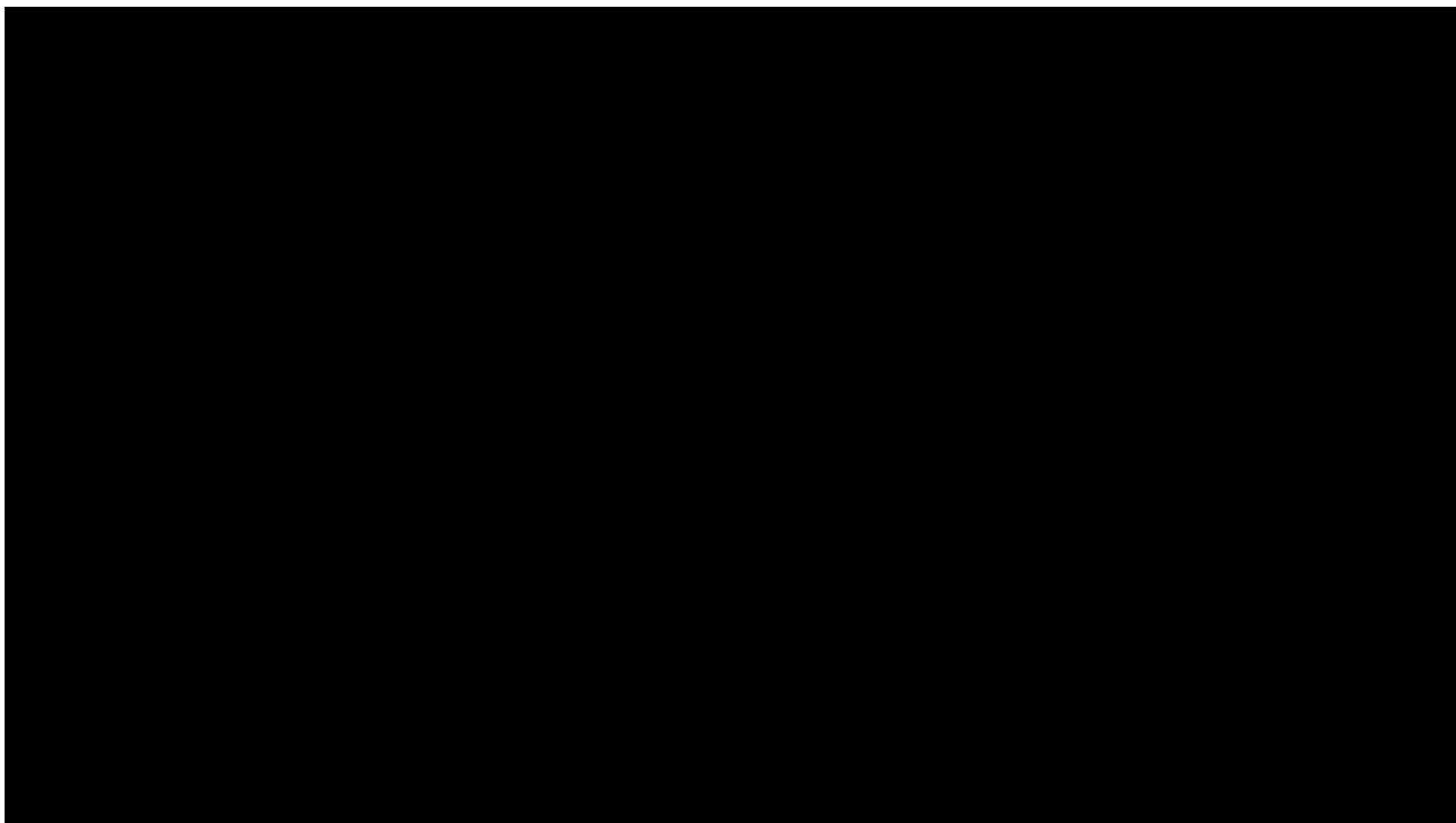
### The 'Coi'

8" - 12" pipe  
1 - 50 bar  
up to 3 km

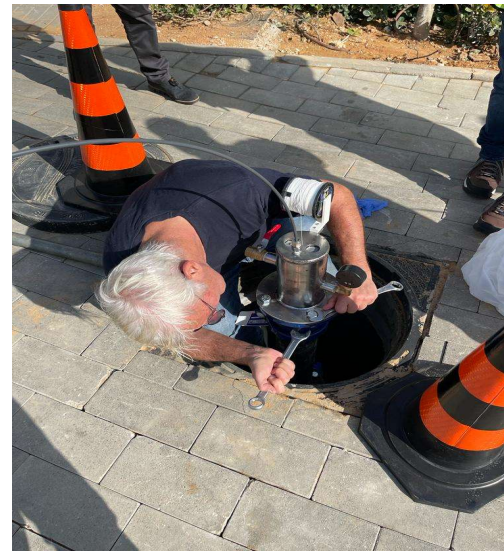
# Schematic View of a “Station”







# The Technology



Web site: <https://ipipe-tech.com/>

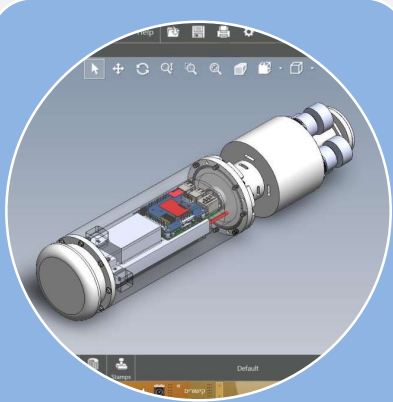
You Tube: <https://www.youtube.com/@ipipe-tech/>

# AI processing





# The Company



**2018/19**  
**1st Grant**



**2020**



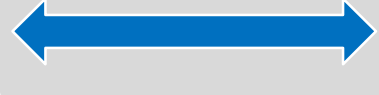
**2021**  
**2nd Grant**

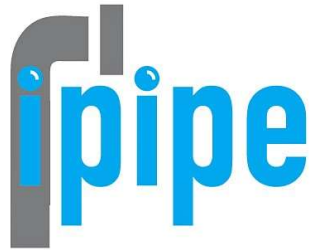


**2022**  
**3<sup>rd</sup> Grant**



**2023/24**  
**4<sup>th</sup> Grant**  
**Sales & Marketing**





Monitoring the unknown.



# Thank You

**MENASHE RAJUAN (Ph.D.)**

**WEBSITE:** [ipipe-tech.com](http://ipipe-tech.com)

**EMAIL:** [ipipe.tech@gmail.com](mailto:ipipe.tech@gmail.com)

**MOBILE:** +972 50 910 2244