

# PaaniMesh

PaaniMesh takes the power of the Internet of Things to the underwater world. Because radio waves do not work in water, we have developed an ultrasonic mesh networking system for underwater connected devices. This can be used to monitor pollution and oil in the environment, command and control robot swarms, and deploy underwater GPS for submarine applications.

## Underwater internet for water management and ocean exploration

### TEAM MEMBERS

1. Anwar Quraishi, PhD, EPFL
2. Halima Rafi, PhD, UNIGE
3. Mukul Girotra, Postdoc, UNIL/CHUV

### 1 Who are your clients?

To begin with, offshore oil & gas companies and underwater robot manufacturers. Later, we aim to expand to ecology researchers and fish farms.

### 2 How do you make money?

Operate and maintain devices as a service, sell our devices to end users, use research customers as demonstrator for future partnerships with underwater equipment makers.

### 3 What gives you credibility?

Several years of experience in deploying our devices outside of the lab in the real world, collaboration with ecologists and biologists.



## Next steps

- 1. What are you going to do in next 6 months?**  
IP protection, better understand customer needs to drive product development in the right direction & acquire first adopter customers.
- 2. HR needed after the training:**  
A business expert to help with outreach, advertising and sales.
- 3. What kind of support that you are looking for:**  
Funding for product development & further training on customer discovery and sales.



Schweizerische Eidgenossenschaft  
Confédération suisse  
Confederazione Svizzera  
Confederaziun svizra

Swiss Confederation

Innosuisse – Swiss Innovation Agency

1



2



3

