



Aquaponics

Responsible use of water and food security

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OUR TEAM

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OUR MISSION

- ❖ Promote organic food (fish and vegetables) to ensure food security and good health
- ❖ Prevent pollution and biodiversity loss in aquatic ecosystem due to the current agriculture/aquaculture intensive practices using mineral fertilizers and pesticides
- ❖ Mitigate climate change effects on water and soil

DESCRIPTION OF THE BUSINESS IDEA

Why it is innovative and sustainable?

Sustainability

Produce vegetables by using water from fish production enables to save water through a recirculated use. This help sustaining an organic food production system to ensure food security as well as good health for consumers by providing healthier animal and vegetal sources of protein. Furthermore, aquaponics system help safeguarding aquatic ecosystem since it prevents the discharge of raw fish farming wastewater and pesticides use. On the other hand, this food production system represent an efficient mean to mitigate climate change pertaining to soil impoverishment and water crisis.

Innovation

The current project is an efficient way to promote integrated agriculture for propose some low cost products more adapted to purchasing power of consumers. The aquaponics system will be adapted to rural condition by conceiving a solar renewable energy system to manage water supply through its components

Products and services



- **Healthy Fish and vegetables**

- **Local adapted Aquaponics system**

- **Knowledge transfert**

Thank you!

