



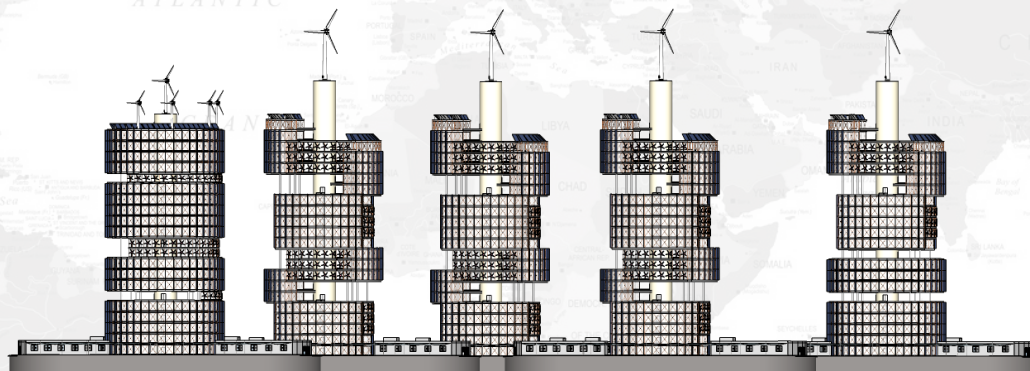
Vertical Farm Project

Vertical Farm Project

This wonderful project will be the first vertical field in Kurdistan, containing all the principles of form

What is the purpose of the project?

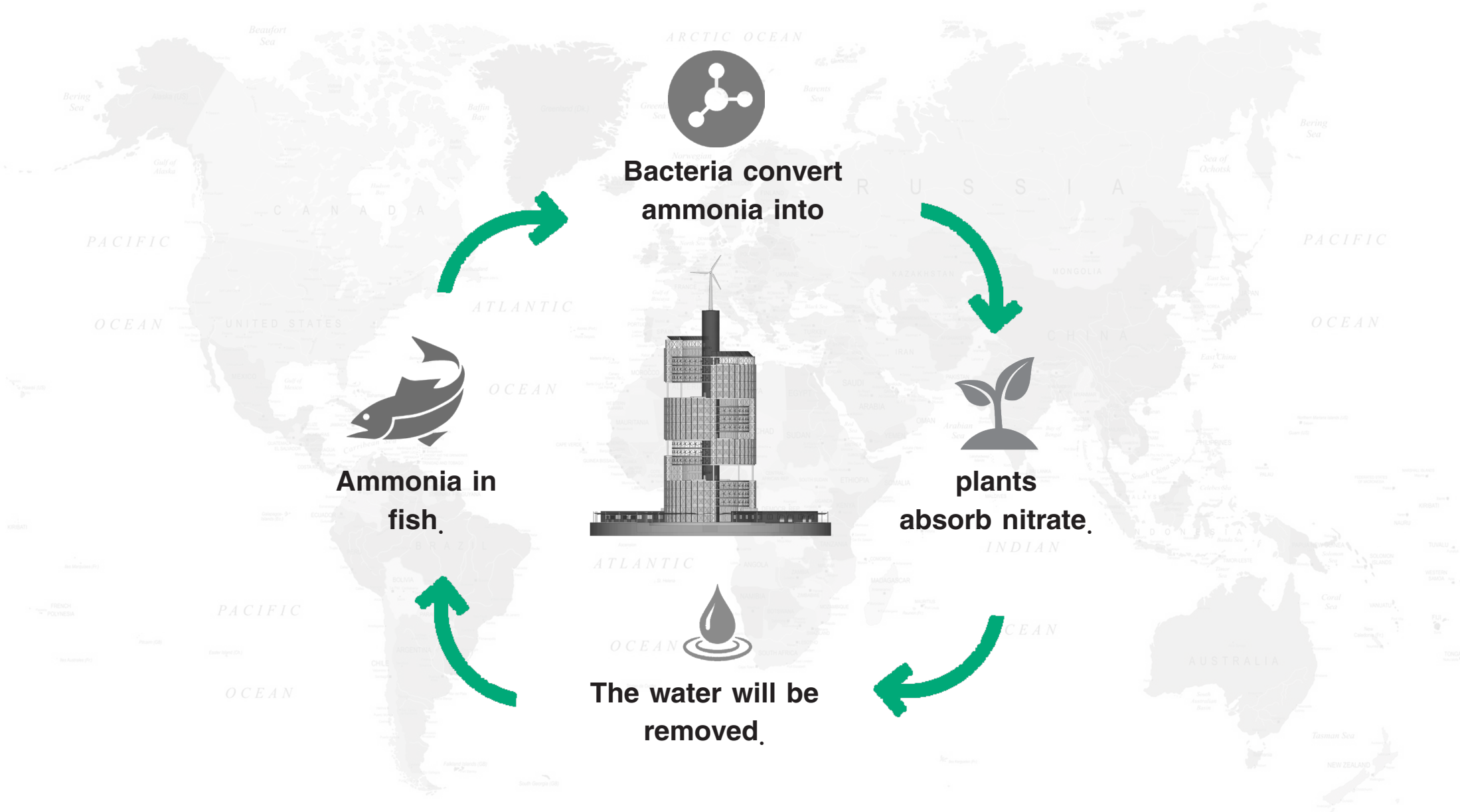
The main goal of this project is to promote the agricultural sector in the region, especially in Kurdistan in general, through the construction of vertical farm towers that will continue in a self-sustaining pro-



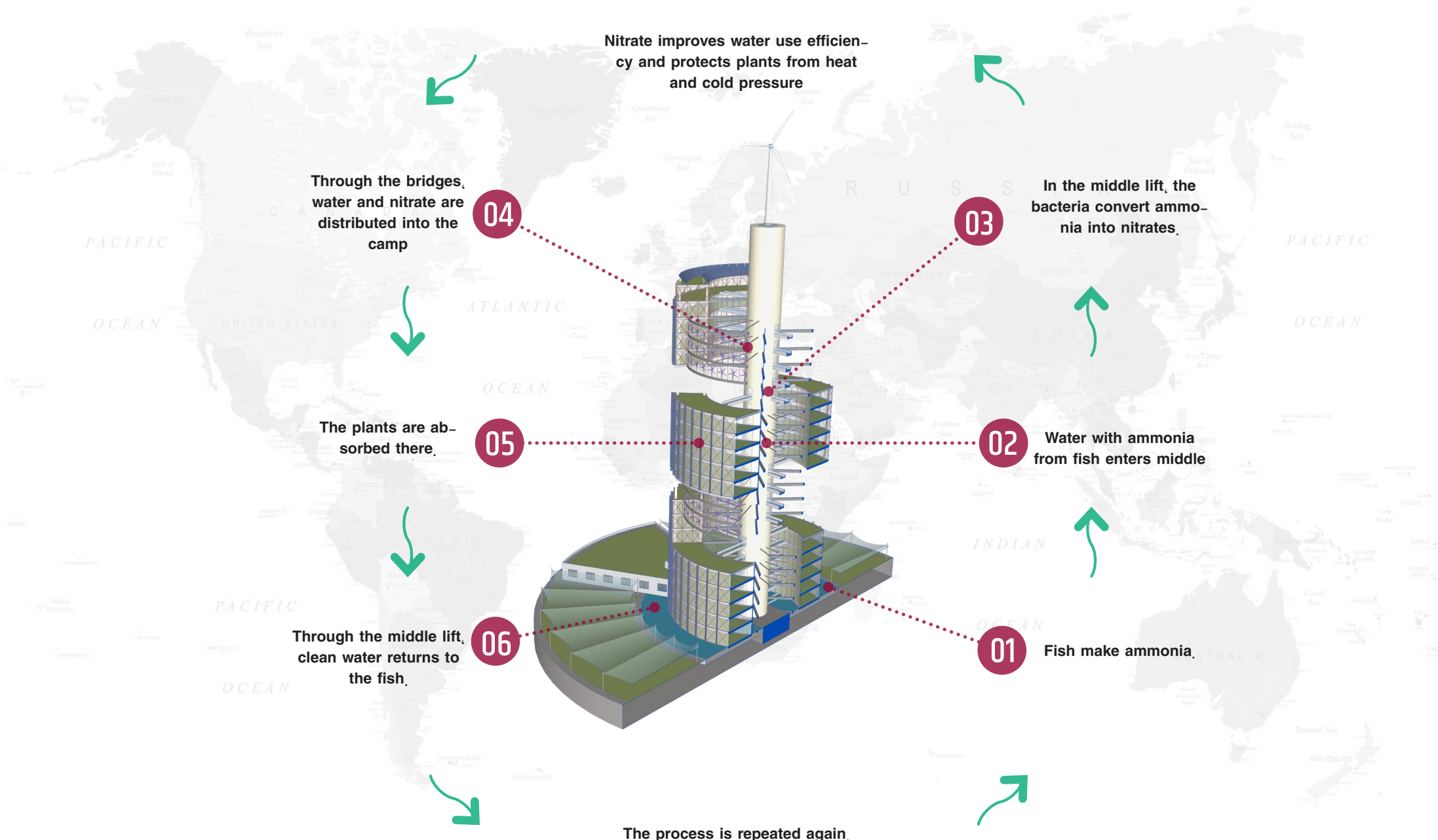
Project Contents

This project consists of 5 towers each of which consists of 7 floors and the lower part consists of fish and koga which revolves around the tower

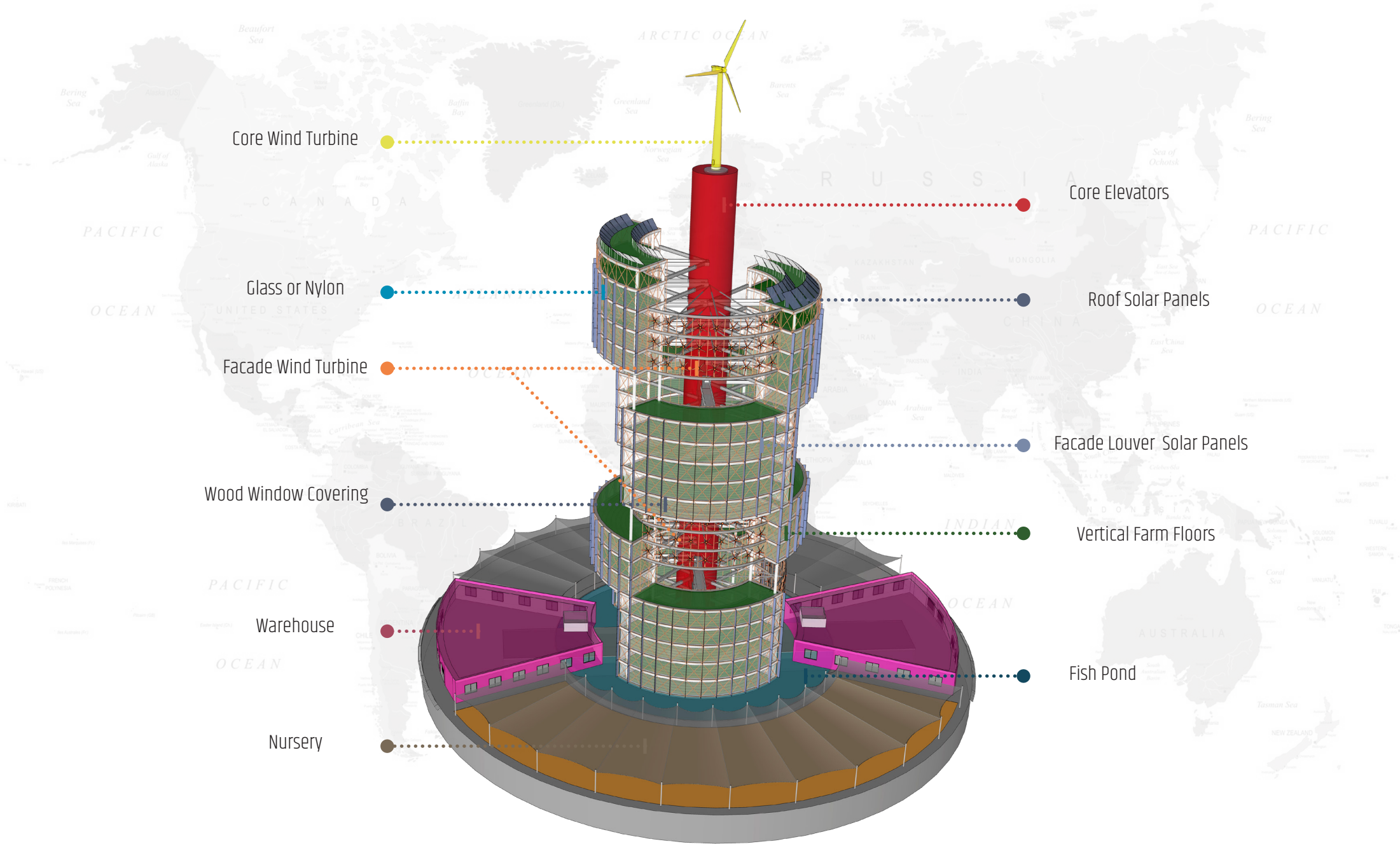
The process of irrigating the field



Steps in the process of watering the farm



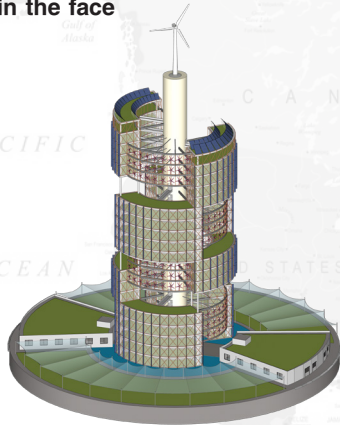
Project Structure



Exterior design of the project

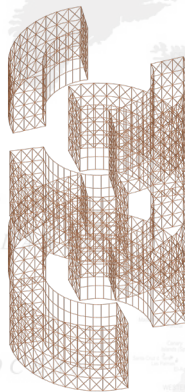
Tower Shape

A circular design is best for
The most light in the building.
For this purpose, there is opening
in the face



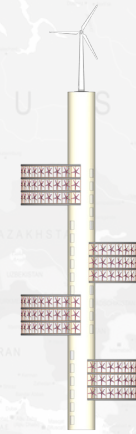
Window

Use plates in the windows to
give a natural feel to the tower



Torbin bay

For the production of



Solar Energy Board

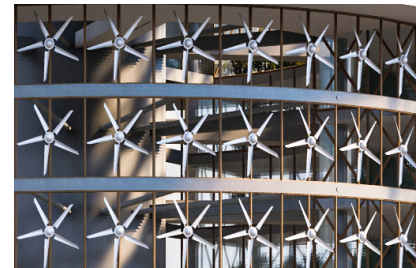
To generate electricity, it also
creates shade for the tower



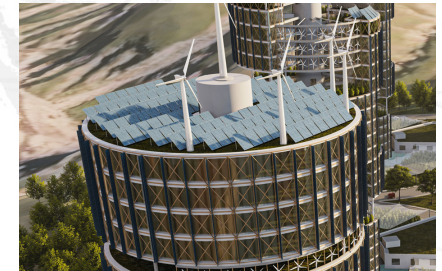
1. Roof wind turbine



2. Wind turbine surface



1. Rooftop solar energy board



2. The Solar Power Board of The



What are the benefits of this project?

Normal Farm

25.000 of
Square meters of product

It depends on the weather.

It is related to the temperature of the seasons.

The overall income of the project is lower in the end and only in the specified sea-

In terms of area

If you have a land of
25.000

In terms of climate

In terms of temperature in the seasons

Financially.

Vertical Farm

Each floor is about
1400 square meters and
the area of the site is
25.000 square meters.

52.000 of
Square meters of
product

The ability to control weather
such as wet or dusty air

The ability to Change the temperature

The overall income of the project is large at the end of the year











MATTONI
DESIGN | CONSTRUCTION









