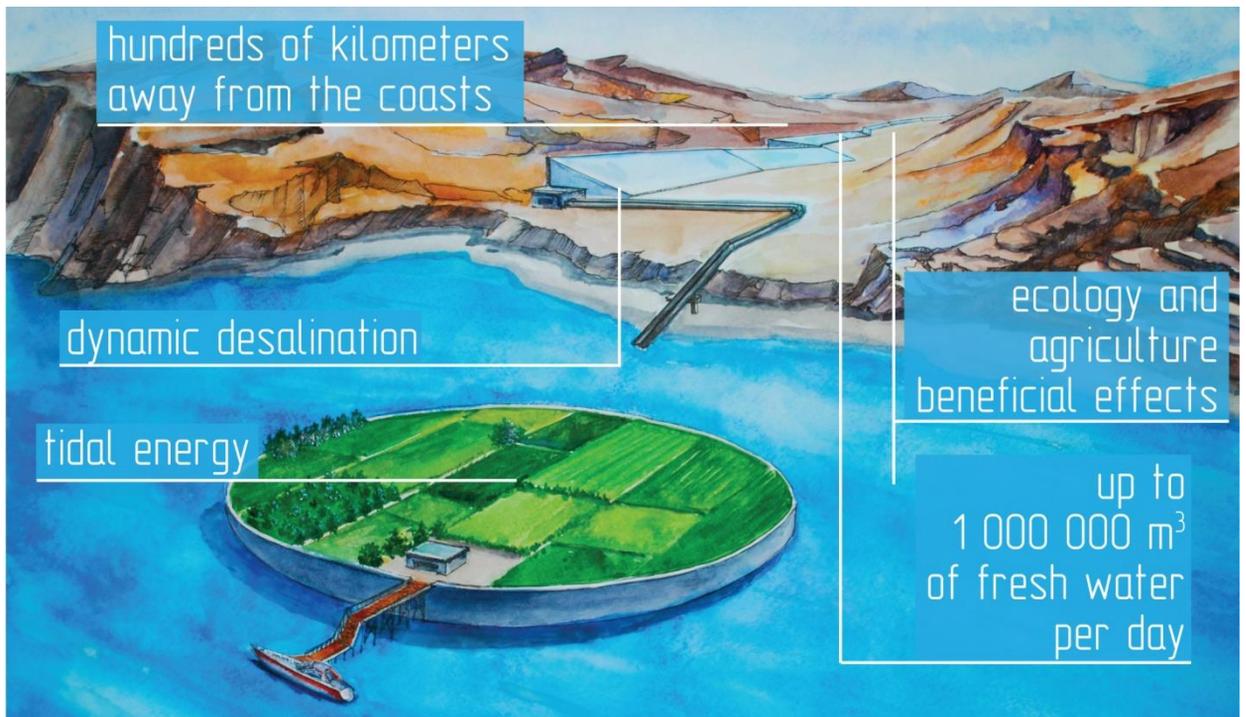
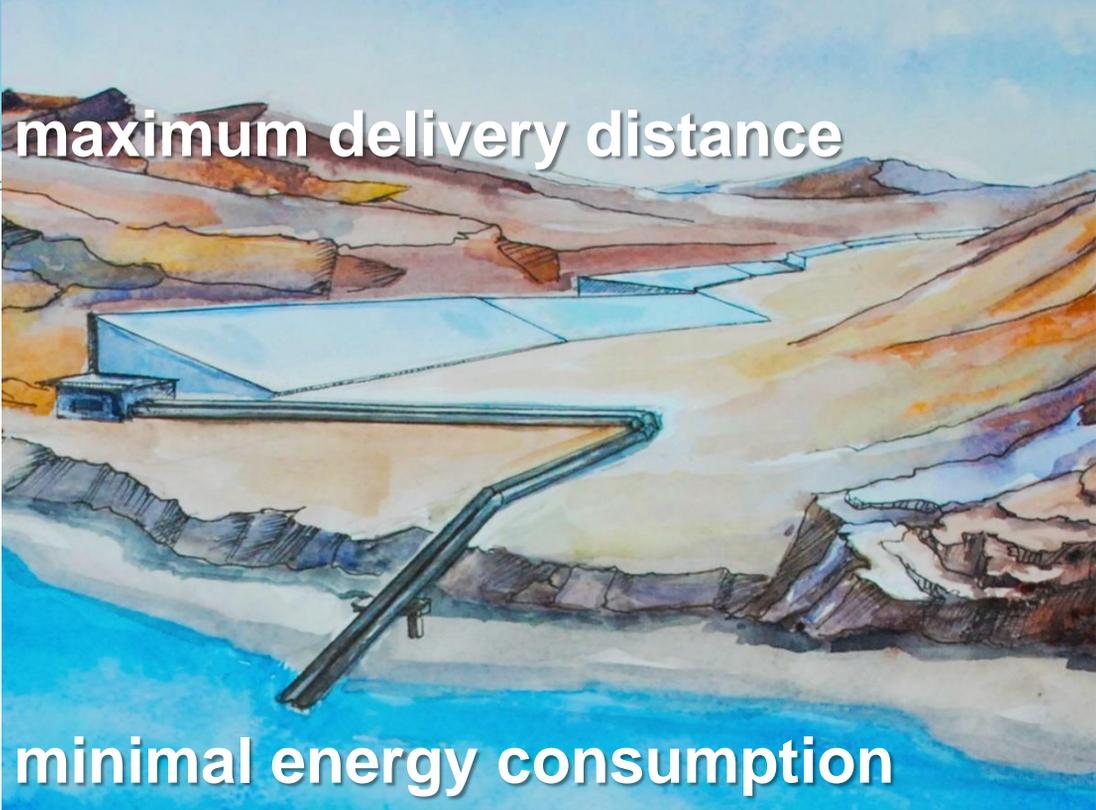


The newest Technology for desalination



Desalination in process of
seawater delivering
for hundreds miles away
from the coast



maximum delivery distance

minimal energy consumption

MAIN PROJECT INFORMATION

Created:

New method of desalination. Engineering solutions. The technology. Process of desalination in this method based on the natural and dynamic distilling in the parallel conveying channels. The water from the sea or from the ocean will be desalinated in the process of delivery in the distance in 100-500 kilometers away from the coasts.

Predictable result:

- **10 000 – 15 000 m³** of fresh water per day of each small complex.
(conveying-distilling channels to 100 km length. /straight or zigzagged)
- Up to **1 000 000 m³** of fresh water per day of each large complex.
(up to 500+kilometers away from the coast)
- Low cost of fresh water during the operation and servicing complex –
\$ 0.01 - 0.02 / m³

Project status:

- The first part of patents registered.
- Engineering work in process.
- The technology provides for the next stages.

Regions for use technology:

Droughty coastal areas with high levels of solar radiation.

Especially:

Australia, South-West coast of the US, part of Europe, Mexico, The Middle East, Africa.

The main differences from the existing methods

- **Using natural and dynamic distilling.**
- **Low energy consumption** level.
- **Low cost** of the fresh water.
- No need for expensive replacement parts and components.
- **The highest degree of desalination.** (*Content of the salt - less than 0.1 g/liter. It's makes it possible to use this water for irrigation without any risk of soil salinization*).
- Additional water purification during distillation.
- The **energy** that is used in process - **tidal and solar.**
- No factories on the coast. Only transporting channels, that will take away the seawater inland for desalination process. *In the first stage of development – using simple pumping stations, in the next stage of technology development – tidal pumping stations-islands in the sea or ocean. (our next technology)*
- No need for a large number of highly qualified experts to maintenance.
- Minimal support costs of the complex.
- Lifetime - from 100 years.

Channels for transportation and desalination



Pumping/energy tidal islands-stations



You can get more technical information after signing
nondisclosure agreements now

PROPOSITIONS *(November 2015)*

1. IMPLEMENTATION OF FIRST “PILOT” PROJECT.

(100 km length, 10 000-15 000 m³ of fresh water per day)

Stage 1. Development and modeling of the most effective options for the technical implementation of the project.

(This phase will take 6-9 months and \$500,000)

- Selection of the optimal embodiment of constructions and construction methods in the selected region.
(investors can choose the region for implementation)
- Mathematical and physical modeling of the complex
- Optimize the system for maximum performance

Stage 2. Create a working project. *(About 6 months, \$200,000)*

For this phase, it is necessary:

- Region selection for the construction of desalination complex.
- Coordination with local authorities.
- Choice of regional contractors.
- The creation of the working project

(partially overlaps in time with the previous stage)

Stage 3. Construction of the pilot project.

(to 18 months & \$ 100 000 000)

Stage 4. Next desalination complexes in a larger scale.

2. STRATEGIC PARTNERSHIP. *(in priority for developer)*

- Joint obtain international patents for this method of desalination.
- Joint ownership of intellectual property rights on this method of desalination.
- Sales of licenses and technology.

cost and amount of the investments - in response to requests

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