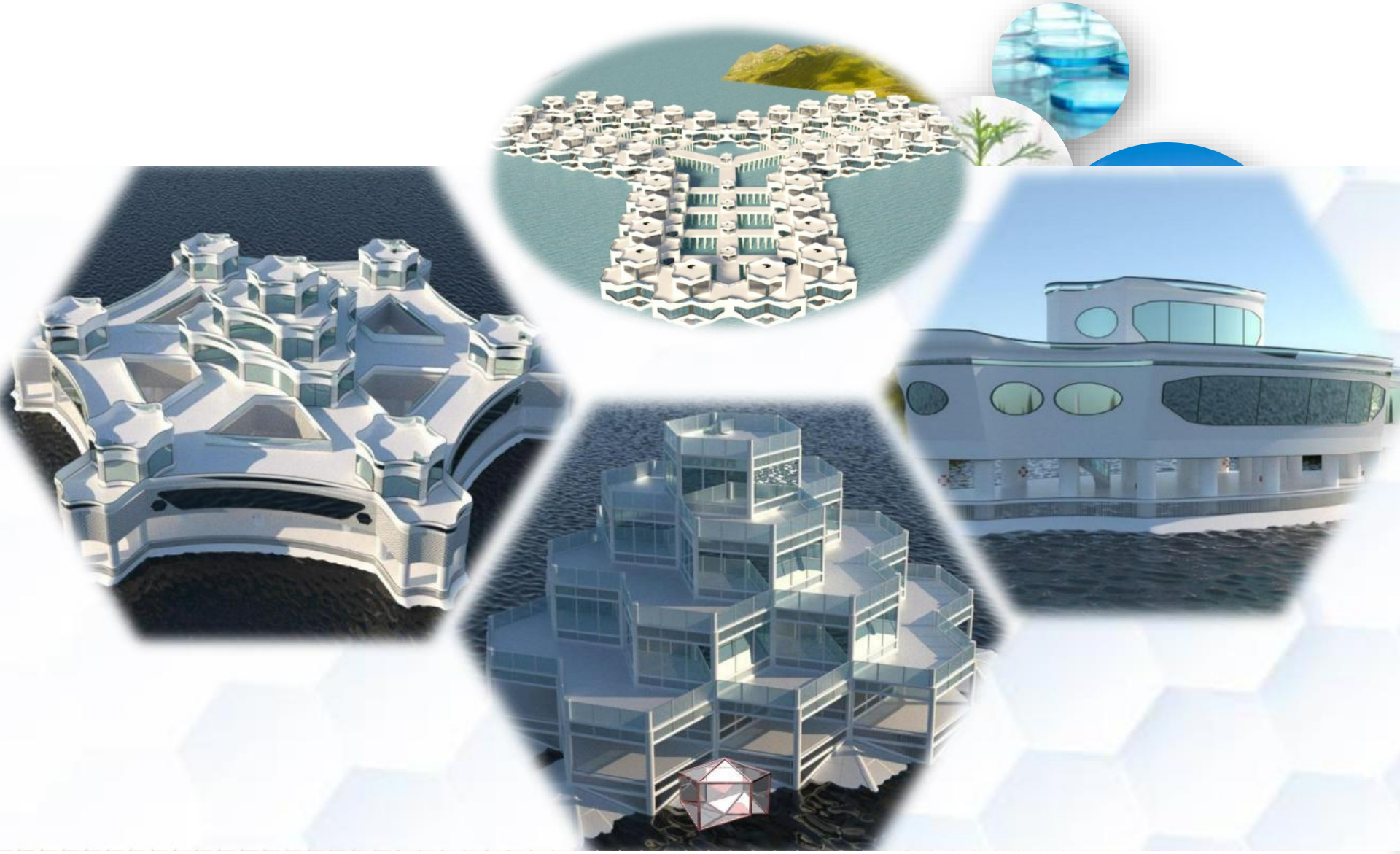
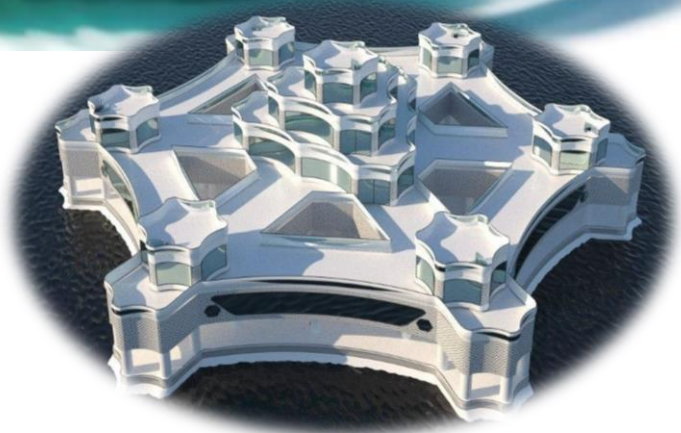


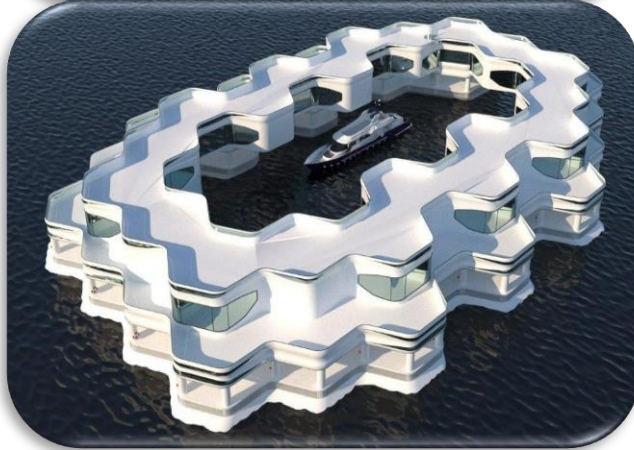
Aqua-monosota project floating objects of marine and oceanic luxury class





Description

The main objective of the project is to create and demonstrate floating objects and methods of their eco-construction using MONOSOTA technology, in silent automatic mode, without human intervention, as well as positioning their ecological foundations:



- high-speed unmanned construction of the highest characteristics;
- construction of high-rise and low-rise objects of various purposes on the water in remote mode;
- reconstruction of buildings on the water;
- manufacturing of components and elements in new type of production facilities;
- formation of a detailed technical and historical passport of the object and ways to restore the details of any complexity and quality;
- carrying out assembly and assembly and finishing and repair works without "wet processes";
- environmental friendliness during operation, primarily residential facilities (leaks, noise insulation, repair work, etc)

Floating eco hotels



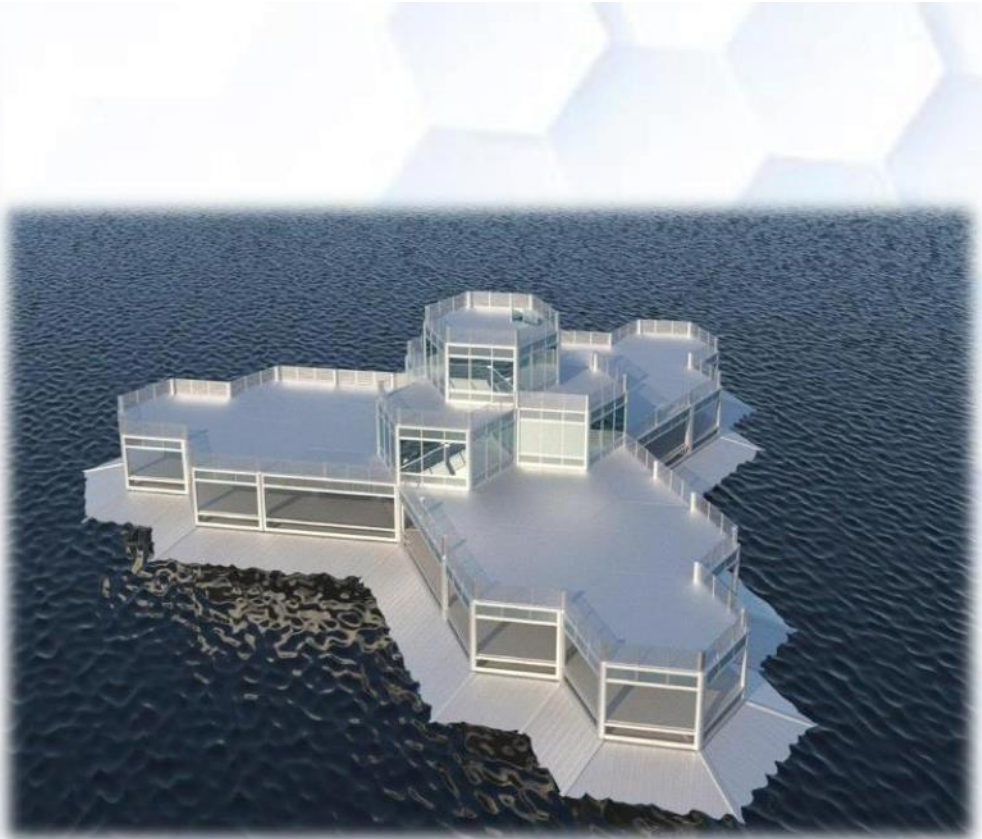
The floating eco-hotel is being built on the basis of MONOSOTA construction technologies, belongs to the class of oceanic aqua objects and contains internal systems for high-speed passenger movement based on ST*RAUS transport technologies.

Monostructural objects are equipped with the entire complex of intelligent and engineering systems.

Floating eco hotels

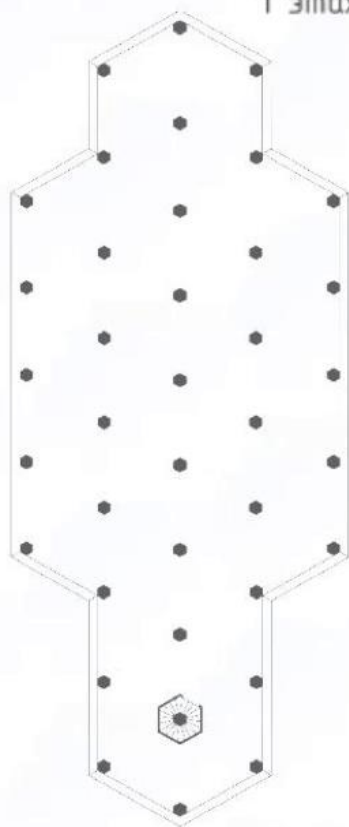


Floating eco hotels



Scheme

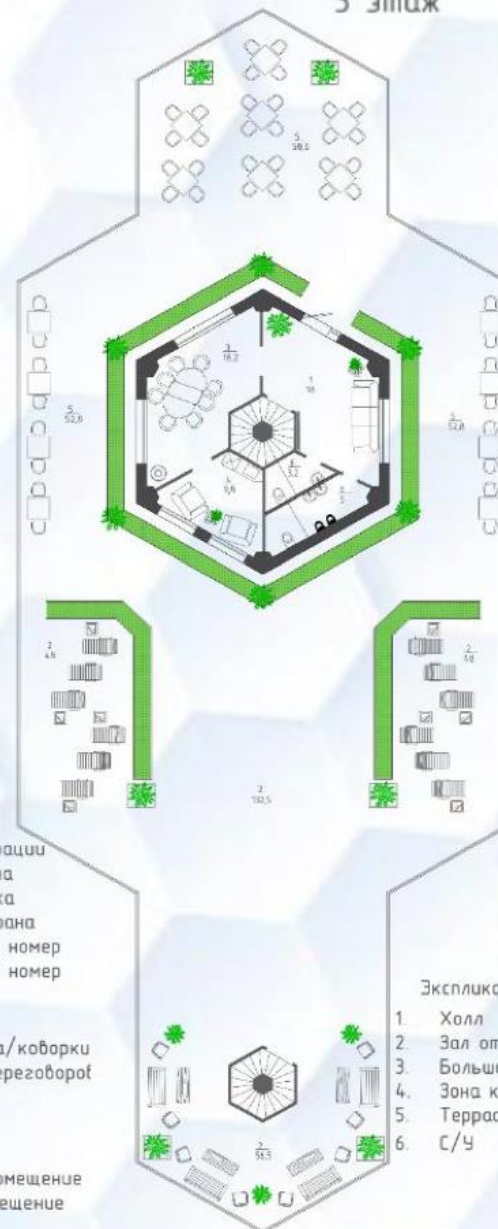
1 этаж



2 этаж



3 этаж



Экспликация

1. Холл
2. Зона отдыха
3. Зона регистрации
4. Зал ресторана
5. Барная стойка
6. Кухня ресторана
7. Одноместный номер
8. Двухместный номер
9. Номер люкс
10. Сауна
11. Офисная зона/коворки
12. Малый зал переговоров
13. С/У
14. С/У общий
15. Склад
16. Служебное помещение
17. Бытовое помещение

Экспликация

1. Холл
2. Зал отдыха
3. Большая переговорная
4. Зона кофедрейка
5. Терраса ресторана
6. С/У





Energy autonomous floating universal refrigeration complexes

Energy-autonomous floating universal refrigeration complexes with functions of storage and processing of fish (seafood):

- It is planned to produce a complex with the following characteristics and options:
- The total area of the complex is 4200 m² (including open deck, cold rooms, cabins and the captain's cabin)
- The volume of refrigerating chambers is up to 6000 m³
- Composite self-sufficient cooling complexes - 3 units, "petals"
- Autonomous power engineering / installation of autonomous power complexes
- Capacity of power plants according to TK
- Bases for mooring - 3 pcs. / without the need for berths
- Pneumatic anchor systems mooring to unequipped beaches
- High degree maintainability / does not require special conditions
- Propulsion system - 3 sections of 1800 hp.
- Low-cost maintenance and maintenance

Energy autonomous floating universal refrigeration complexes

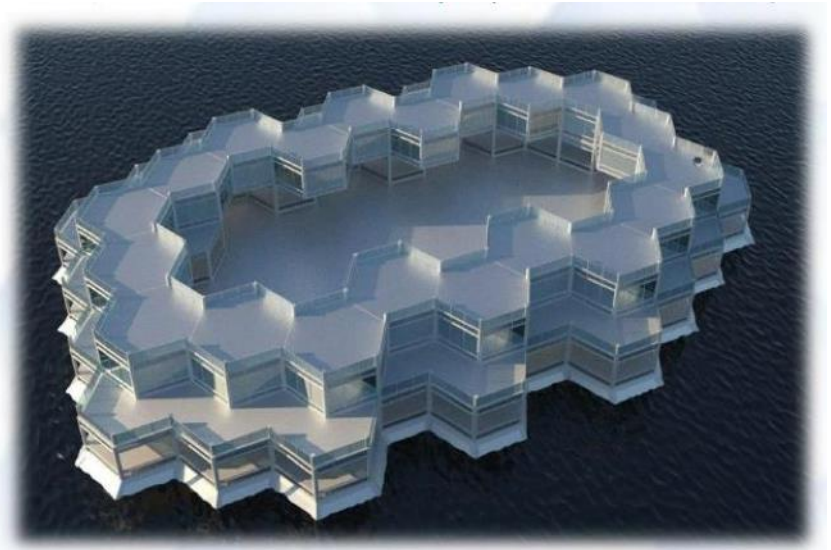
Production stages:

Stage 1 - the formation of a floating refrigeration structure "platform-hangar" (production, assembly, purchase of components and assemblies).

Stage 2 - equipping the complex with options and installation of navigation equipment.

Stage 3 - sea trials and presentations.

Stage 4 - MAINTENANCE (indicative maintenance/technical and preventive).



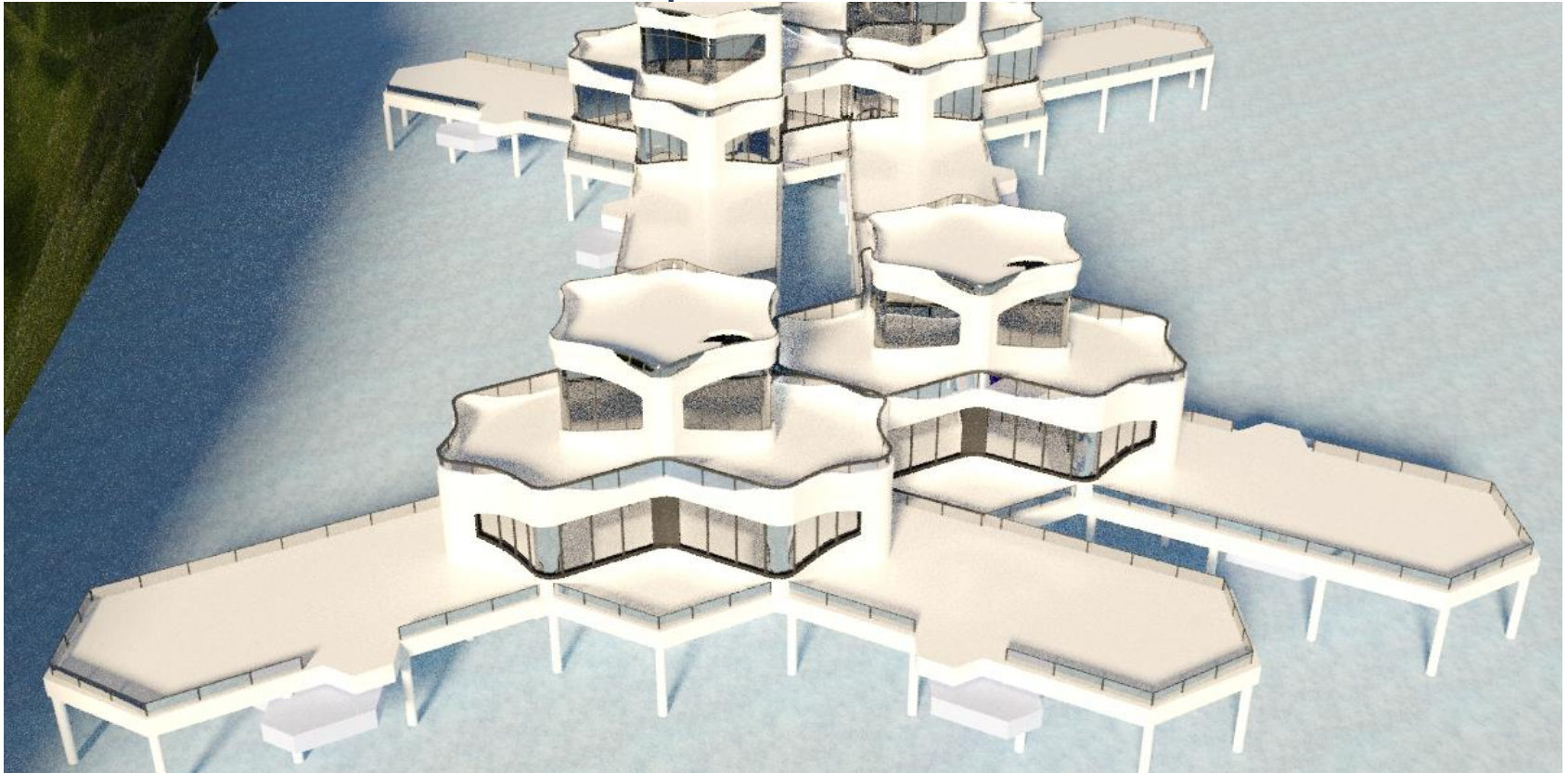
Aqua-intelligent power system

The goal is to create a working energy-autonomous sample in the form of a presentation complex in the form of a light, mobile structure:

- to use it as a floating pier equipped with eco-wind turbines with a high level of stability;
- to develop an integrated complex; electricity from wind power for the accumulation of electricity and subsequent
- Recharging of moored floating vehicles (yachts, boats, small vessels, etc.).



Hydrowave desalination-structurator. Complex for
desalination and purification of water of any degree of
pollution



We offer unique eco-friendly technologies for desalination of water of any degree of contamination



The proposed complex makes it possible to solve the problems of water purification of any degree of pollution at a new qualitative level and with low costs, including oil products, heavy metals, liquid industrial waste, saline water media of various degrees of pollution without the use of consumables during operation.

The physical processes on the basis of which the complex operates create special hydrodynamic regimes in seawater in combination with the influence of electromagnetic fields, as well as chemical and thermal conditions that contribute to the evaporation of water many times more than in any other installations designed for water purification and desalination.

For the first time in world practice, purification and desalination of water from particles and soluble substances is carried out only due to hydrodynamic effects when exposed to water by sources of mechanical vibrations.

Modern methods of water purification and desalination do not do without filtration or thermal distillation (for example, evaporation followed by steam condensation). All known methods are associated with large capital costs for construction and energy costs, consumables and related environmental problems.

Hydrowave desalination-structurator. Complex for desalination and purification of water of any degree of pollution





A distinctive feature of the proposed technology, in relation to well-known world analogues, is that the purification and desalination of seawater are carried out only through physical processes carried out directly in the treated water.

The technology allows you to remove all types of contaminants without any reagents:

- There are no filters, sorbents, ion exchange resins in the proposed installation, the use of chemicals is excluded.
- Energy costs are significantly less than for known installations of a similar purpose.
- Complete environmental safety is ensured, the release of salts in the form of solid sediment is possible.
- Maintenance and instrument readings can be carried out by a low-skilled employee.
- Installation with high productivity (50 m³ / hour), has small dimensions and is placed in a standard container.
- It does not require large time and capital costs for the construction of the complex.

In the technological scheme of this seawater purification and desalination plant, for the first time in world practice, a combination of special hydrowave and heat exchange processes in purified (seawater) water is implemented, which create vaporization of special intensity with subsequent condensation. At the same time, the effect of a combination of electromagnetic and hydrodynamic waves actively releases the crystalline salt from the solution.

The proposed complex based on the hydrowave method technology significantly exceeds in all characteristics conventional installations operating by the standard thermal method (distillation, distillation, evaporation). The features and effectiveness of the complex positions it as a separate desalination and purification technology that has no analogues among existing installations.

In addition to desalination and water treatment, the complex provides water treatment technology and water quality improvement based on scientifically based energy and physical methods.



Proposed algorithm of actions:

1. Signing a contract for the entire scope of work (development, design, production, assembly and installation and commissioning, warranty and post-warranty service).
2. Payment of the first tranche. For development, modeling, materials science, geodesy and the beginning of pre-project work (3-4 months);
3. Formation of preliminary design and estimate documentation.
4. Payment of the second tranche (based on the design and estimate documentation). Carrying out pre-design and design work in full.
5. Passing the examination.
6. Payment of the third tranche. Carrying out work on the production of elements and parts of constructs.
7. Carrying out assembly and installation works.
8. Commissioning.
9. Payment of the fourth tranche. Conducting test work and sea trials (3 months).



DO YOU HAVE ANY QUESTIONS?

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*Transform to the
better future for
United Arab
Emirates*