

**SIMOLIN WATER
& ENERGY LTD**

FINLAND

Recycling - Briquetting



Briquetting Machine SG-16

Recycling – Metal chips Briquetting

Our promise

Trash into Cash !



Recycling – Crusher and Briquetting

- Some examples of briquetting and crusher applications:
 - Workshops for handling metallic chips
 - Construction sites and companies for handling demolition waste
 - Department stores and shops for handling package waste
 - Agriculture for handling farming residues
 - Forest and wood industry for handling biomass

Recycling - Briquetting



Recycling - Crusher



Tower – Wind tower



Simolin Water & Energy Ltd manufactures several types of masts for wind power turbines in power range of 1-1000 kW, height of 12-120 m. The masts are of topmost quality and they are designed and manufactured in Finland. Our product portfolio consists of self supporting tube masts and lattice masts.

Tower – Surveillance

Easy installation anywhere

- High quality
- Modular structure, heights 6 – 36m
- All parts hot dip galvanized, operation time 25 years minimum
- Designed and manufactured in Finland according to Eurocode 3
- Surveillance camera with zoom/rotate, dark vision, motion sensor, siren, megaphone, wifi, 3g/4g etc.
- Movable concrete foundation holding the battery and inverter with heater or ground-foundation
- Optional vertical wind turbine
- Optional solar cells



Tower – Surveillance



Tower – Floodlight tower



- High quality at economical price
- Erection height from 3 m to 36 m
- Available with movable concrete base
- Including hinge in the foundation
- Designed according to Eurocode standard
- All parts hot dip galvanized, life time 25 years
- Applications for lighting, video surveillance, antennas, etc.



Tower – Solar tower



- The most outstanding / superior method of energy production in the sunny areas
- Compared to the fixed-mounted solar cells, model following the sun is able to produce even **70 %** more energy

Tower – Solar towers “Tandem”



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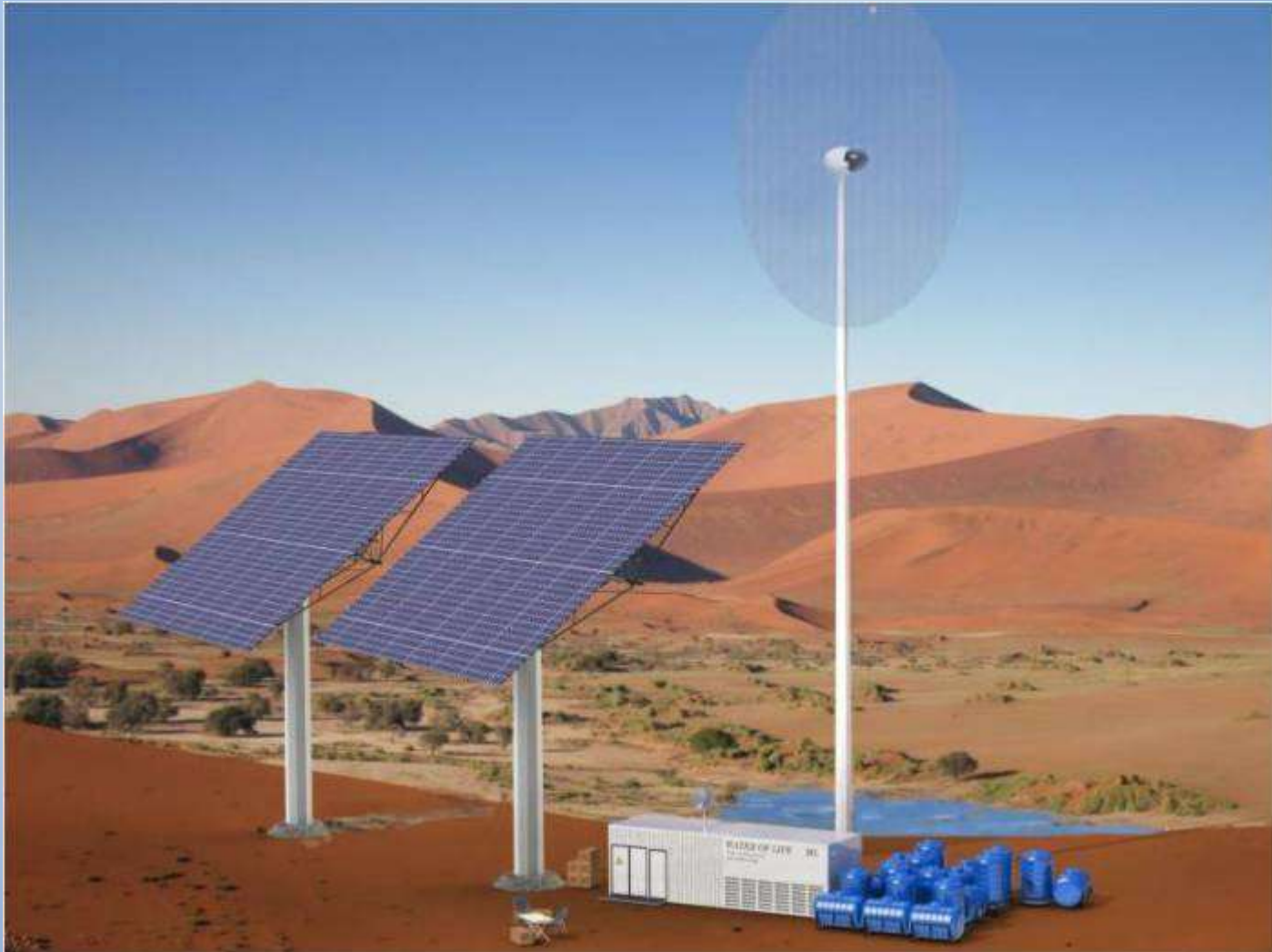
Tower – Charging stations



Charging station for electrical vehicles

Water Cleaning

Drinking water from sea water sky energy.



Clean drinking water: 0.007 € / liter, 200 000 000 liters/year

Water Cleaning

We produce clean, fresh drinking water by sky energy



Water Cleaning



Water Cleaning

Device SGW-20/100:

Sky energy, produce own needed energy

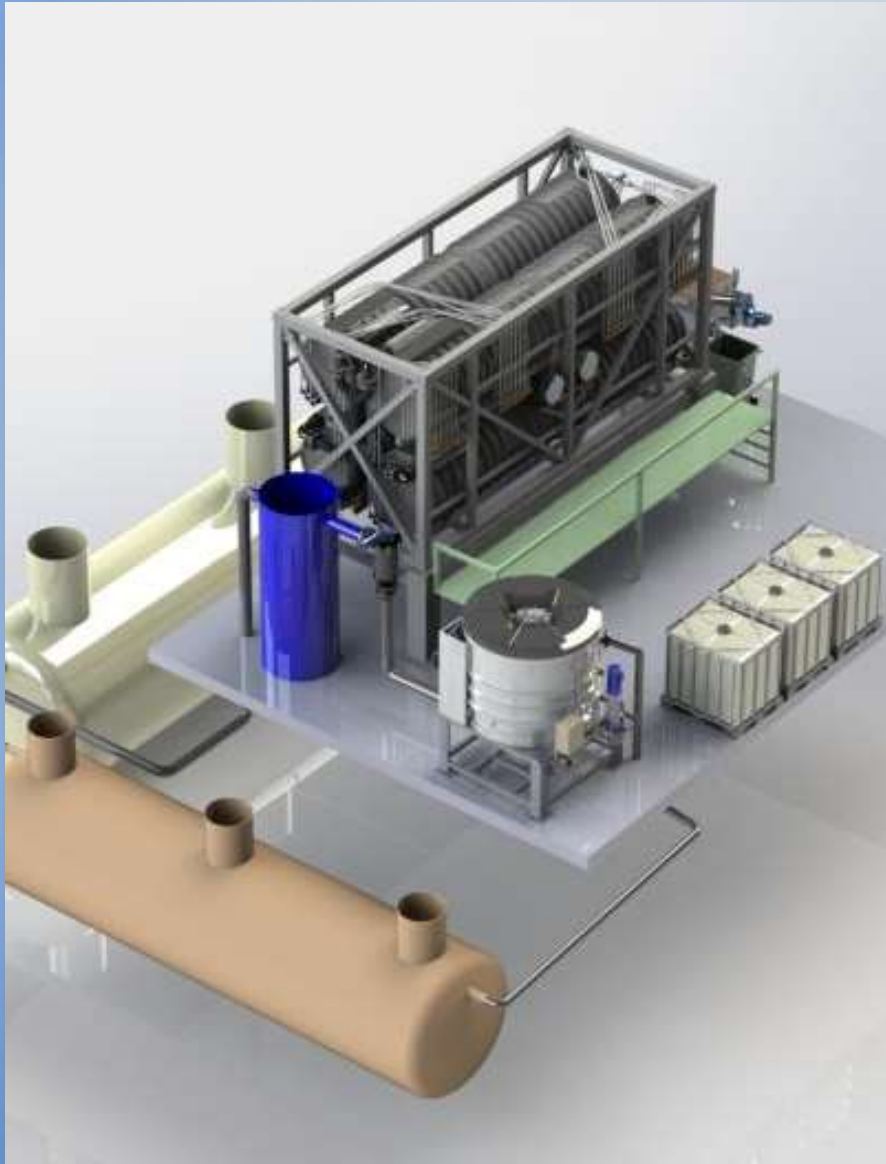
We produce clean, fresh drinking water:

- ✓ Out of sea water
- ✓ Out of polluted water
- ✓ Out of household greywater

- ✓ Yearly production capacity 20-100-1000 million litres depending device model and number of units
- ✓ Stand alone
- ✓ The device makes use of the well-known Reverse Osmosis technique



Wastewater treatment



New unique technology for wastewater treatment

- Energy efficient, economical and eco-friendly.
- Small amount of sludge.
- Closed system: Process is almost odour free and can handle remarkable load changes.
- Rotating movement removes the maintenance and cleaning needs inside bioreactors and makes possible powerful aeration of wastewater.
- High filling ratio of carries is possible with patented RBBR solutions. High filling ratio gives high efficiency.
- Footprint is really small and system is easy to update / enlarge.

Energy self-sufficient Water pump station



Renewable energy

Sky energy solutions



Robot Automation

Design, manufacture, installation and maintenance of all over the world



Robot Automation

Welding Tower equipped with a telescopic beam

Modern welding automation boosts production efficiency. We plan, realize, modernize and service competent welding systems for medium And Heavy industry.



PVC-COVERED HALLS



Pvc-covered halls,
suitable for storage and prodction
also thermally insulated

Basic measures:

- width 8 – 92 m
- length 15 – 500 m
- height 4,5 – 24 m



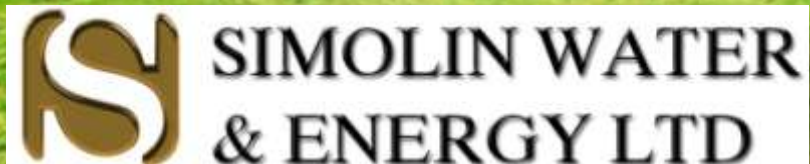
Halls are always equipped with

- steel frame which is shot-blasted and epoxy-painted
- one door, either pvc sliding door or overhead door
- steel-rod anchoring
- automatic ventilation (for halls larger than 600 m²)
- assembling

We are constantly developing new

Simolin Water & Energy Ltd is innovation company

We are looking for investors.



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