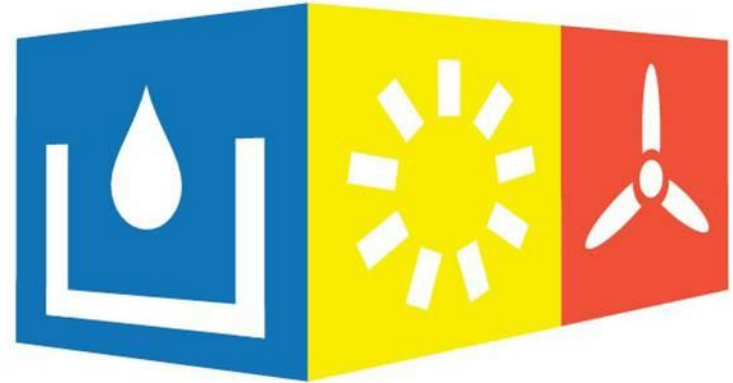


TOMENSO – TOMORROW'S **ENERGY** SOLUTIONS

power&Life  
container



Distributed Renewable Energy

[www.TOMENSO.com](http://www.TOMENSO.com)

# Renewable Energy – Small scale

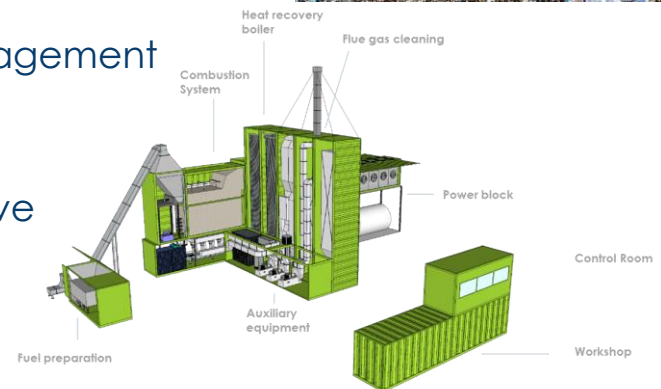
## - off-grid / grid complementary -

- Flexible, modular, mobile and scalable design allows for applications in almost every environment
- Renewable energy through solar, wind, water, wave and waste.
- In case of need, gen-set complemented
- Low set-up and operating costs
- Containerised design simplifies supply & operations logistics
- Proprietary management and control system for active management on a 24/7 basis
- Stand-alone / Back-up / Grid-complementary energy & water generation, storage and distribution
- With EaaS (Equipment as a Service), we enable businesses to transform CAPAX into OPEX



# Waste to Energy – Medium scale - off-grid / grid complementary -

- Biomass and waste materials are available in many locations worldwide
- Waste is a growing challenge in many locations
- Remote power generation cost is high due to use of fossil fuels (USD 250-500/MWh)
- In response, we have developed a 330kWe containerised power plant
- Standardized power plant made of multiple containers enables high quality pre-production, simple transport and rapid installation / easy relocation
- Reduces CO<sub>2</sub> emissions through better waste management
- Supplies reliable energy at affordable rates
- With EaaS (Equipment as a Service), we bring relieve to infrastructure budgets and enable businesses to transform CAPAX into OPEX



# Renewable Energy – Industrial scale -off-grid / Grid-parallel -

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- Governments and businesses are increasingly committed to steep decarbonisation targets and reduce dependencies
- Energy markets face extreme volatility driven by geopolitical tensions and a rebound in energy demand
- Solar and wind builds already come at a lower cost than existing fossil fuels in most countries
- Customised Solar PV power plants, possibly with complementary energy storage, are alternative to achieve energy independence / security of supply
- The Solar PV power plant can replace the grid completely or in parts and feed excess energy into the grid if necessary
- We operate as a general contractor or EaaS (Energy as a Service) Partner
- With EaaS, we enable businesses to transform CAPAX into OPEX



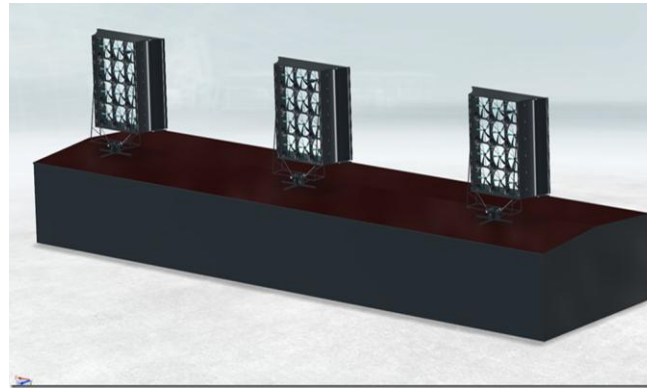
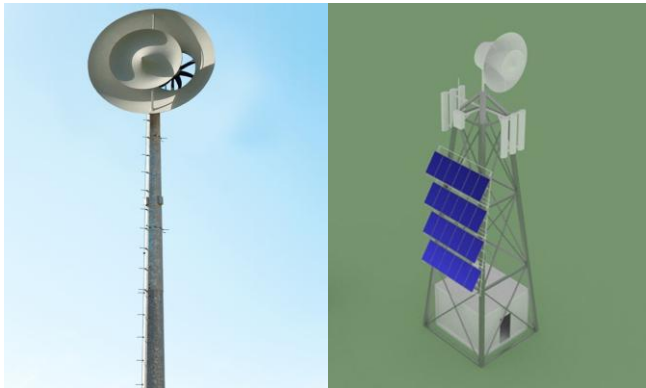
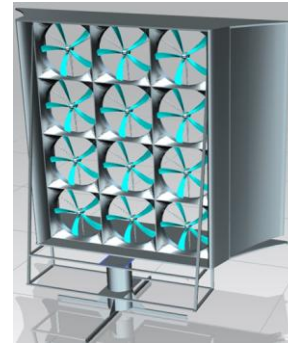
# Renewable Energy – Proprietary technologies

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Wind turbine, single unit

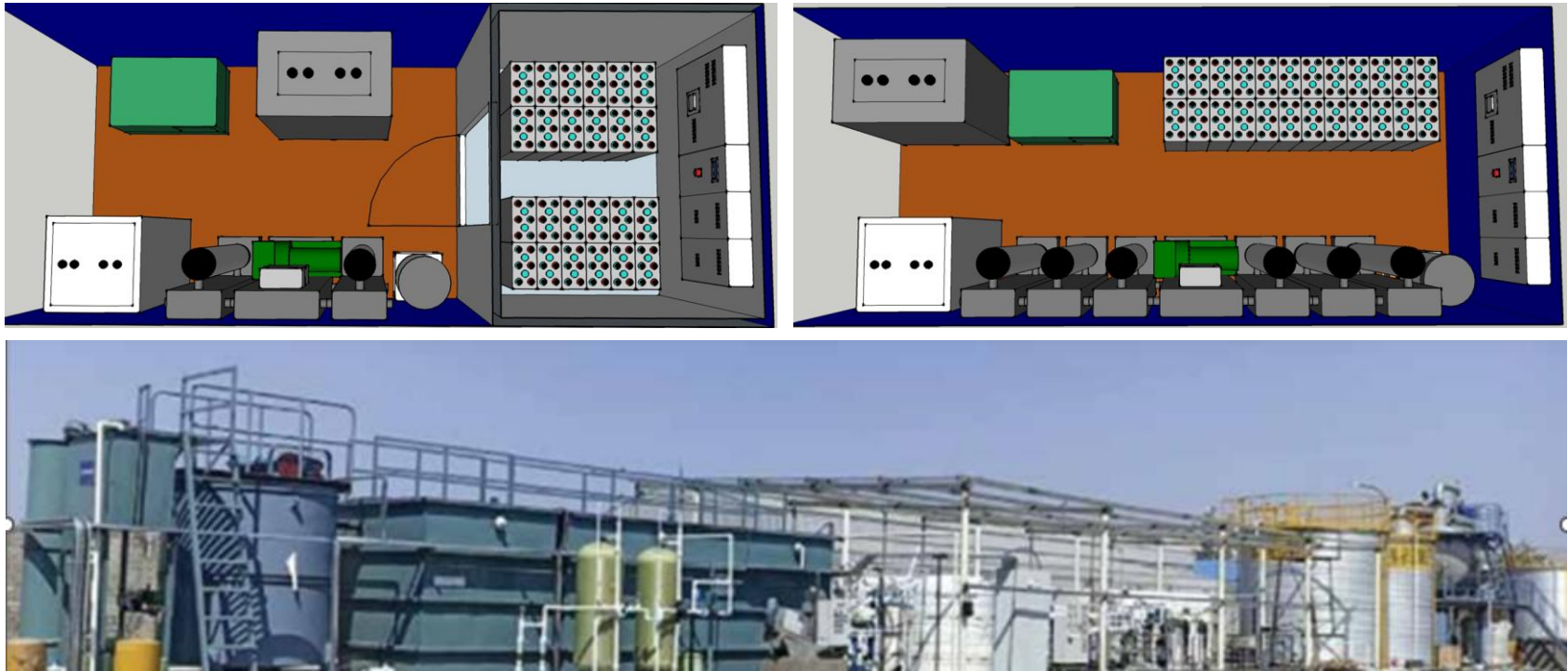


Wind turbine, multiple units (3 / 6 / 9 / 12)



# Renewable Energy – Water purification / desalination

- Purification of water from springs and rivers
- Desalination of seawater
- Treatment of household and industrial wastewater
- Treatment of wastewater at municipal scale



# The Nucleus

## - Value Chain Extension -

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**Agriculture  
Fish Farming**



**Energy**



**Horticulture**



**Communication**



**Affordable housing**

# Benefit

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## MNO / Tower Company

- Reliable and affordable uninterrupted power supply
- Shift from CAPEX to OPEX (Equipment as a Service)
- Achievement of group carbon emission targets
- Net metering enables excess energy credits
- Anchor-Business-Community (ABC) mini-grid models support rural electrification and corporate ESG
- 24/7 active management, including predictive maintenance
- Comprehensive data delivery

## Manufacturing & Services

- Reliable and affordable energy and/or water
- Equipment as a Service (acceptable risk assumed)
- Net metering enables excess energy credits
- Anchor-Business-Community (ABC) mini-grid models support rural electrification and corporate ESG
- 24/7 active management, including predictive maintenance
- Comprehensive data delivery

## Rural Community

- Reliable and affordable energy
  - Water purification / desalination capacities
  - Small holder farming support
  - No noise and air pollution
  - Additional benefits through employment (basic services)
  - Possibly based on an Anchor-Business-Community (ABC) model
  - Scalable as demand & purchasing power grows
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# Customer Groups & Business Models

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## Customer Groups

- Communities
- Governments
- Foundations
- Industry
- NGOs
- University / Research

## Business Models

- Direct sales
- Sale via dealers
- Sale, white label
- Leasing / hire purchase
- Energy as a service



**Energy, potable water and reliable communication need to become bankable products & services.**

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# Contact

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