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<th>PRODUCTS &amp; SERVICES CATALOG</th>
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Nature, the only solution!

- Integration of complex Energy Projects
- Desalination powered by Renewable Energy
- Renewable Energy Projects
- Hybrid Energy Projects
- Asset Management and Technical Operation
- Electrical Works
- Research & Development
ABOUT US

Worldwide, water, energy and food demand are increasing due to population growth and industrialization.

Monsson Group really believes the future is renewable energy and has focused on it since 2004, becoming a major player, with more than 5000 MW projects in pipeline.

Our vision is to find ways and technical solutions for production of fresh water and food, in a sustainable way, not dependent of fossil energy.

Our mission is obtaining desalinated fresh water and food with help of renewable energy.

Mihaela ALDEA
Executive Manager
Integration of Complex Energy Projects

- Reverse Osmosis Desalination plants powered by Wind and Solar PV Energy
- Reverse Osmosis Desalination plants with greenhouse food production
- Large Scale Renewable Energy Power Plant facilities
- Power Generation from residual Natural Gases
- Waste and Water Sludge Treatment Plants
Desalination powered by Renewable Energy

- Reverse Osmosis Desalination plants powered by Wind and Solar PV Energy
- Fresh water production supplied to the water national grid or bottled
Renewable Energy Projects
Development and Construction

- Site identification and pre-feasibility studies
- Feasibility studies
- General design
- Civil & electrical engineering
- Permitting process
- Grid access
- Construction Management
Hybrid Energy Projects

Hybrid power plants integrating wind and Solar PV Energy, Energy Storage unit, balanced by Diesel or Gas power generating units and designed to operate on/off-grid.
Asset Management and Technical Operation

- Facility Asset Management
- Commercial Operation
- Technical Operation
- Service and Maintenance
Electrical Works

- Balance of plant electrical infrastructure up to 400kV
- Electrical EPC contracting
- Electric traction
- SCADA solutions for industry
Research and Development

- Virtual power plant concept optimization
- Energy storage
- Waste to energy
- Smart grid solutions for industry
- Water Sludge Treatment
Success Stories

CEZ Group 600MW Wind Farm
• Largest onshore wind farm in the world outside USA
• Fully operational since November 2012
• General Electric Turbines

Pantelimon Wind Farm - 123 MW
• In operation since 2013
• Vestas Turbines

Mireasa 1 Wind Farm – 50MW
• In operation since 2014
• Goldwind Turbines

Ciuperenci PV Farm - 39 MW
• In operation since 2013
• Talesun Panels
REFERENCES

CEZ GROUP
• 750 MVA, 400/110 kV Transformer Station
• Year: 2008-2011

TOSHIBA CORPORATION
• 400/220 kV Transformer Station
• Year: 2009-2011

GREECE, Terna Energy SA
• Attiko Metro, Line 2 extension – Anthopol
• Year: 2009-2011

GREECE, ISAF SA
• Athens tram electrical traction system
• Year: 2003-2007