



# SUSTAINABLE ENERGY SYSTEMS

For isolated areas and islands - highest wind penetration and fuel saving

- Optimal turnkey combination of diesel and wind power systems
- Competitive production prices with diesel power stations
- Simple and robust system based on standard diesel generator sets
- Utilisation of surplus wind energy and waste energy for desalination
- Desalination, high performance with reverse osmosis modules

## THE STANDARD IN WIND-DIESEL

Energy and water supply have always great impact at the economic and environmental infrastructure for islands and isolated locations.

Danvest RTD (Renewable energy, Transformation, Distribution) systems will meet all such aspects in an optimal way.

Wind	73 %
Bio fuel	17 %
Solar	10 %

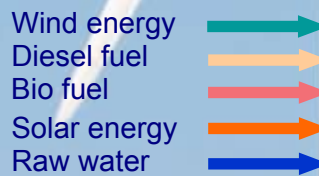
When engine is stopped:

Wind	90 %
Solar	10 %

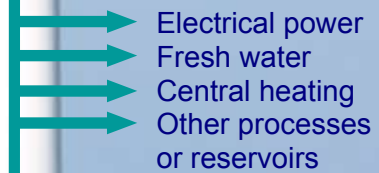
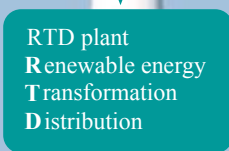
The Danvest RTD plant will continuously supply requested power, fresh water and heat by utilising all wind energy and/or solar energy with backup from bio fuel operation and only take in diesel fuel when nothing else is available.

### Capacities

Electric power	100-10,000 kW/h
Fresh water	20-50,000 m <sup>3</sup> /h



The Danvest wind-diesel system



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