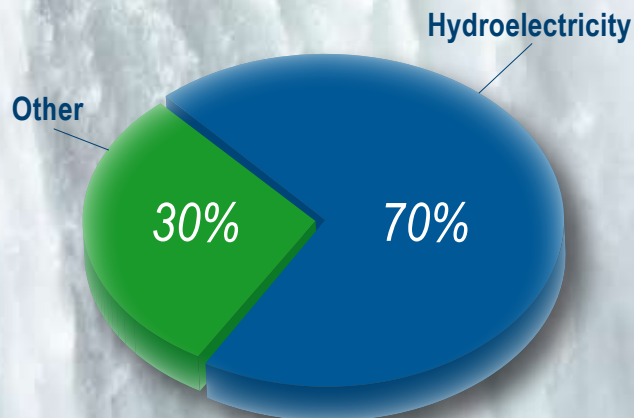


HYDROELECTRICITY

Modernisations and new installations



*Breakdown of electricity
generated by renewable energies
EU27 – 2009*



*Hydroelectric
production
EU27 – 2005*



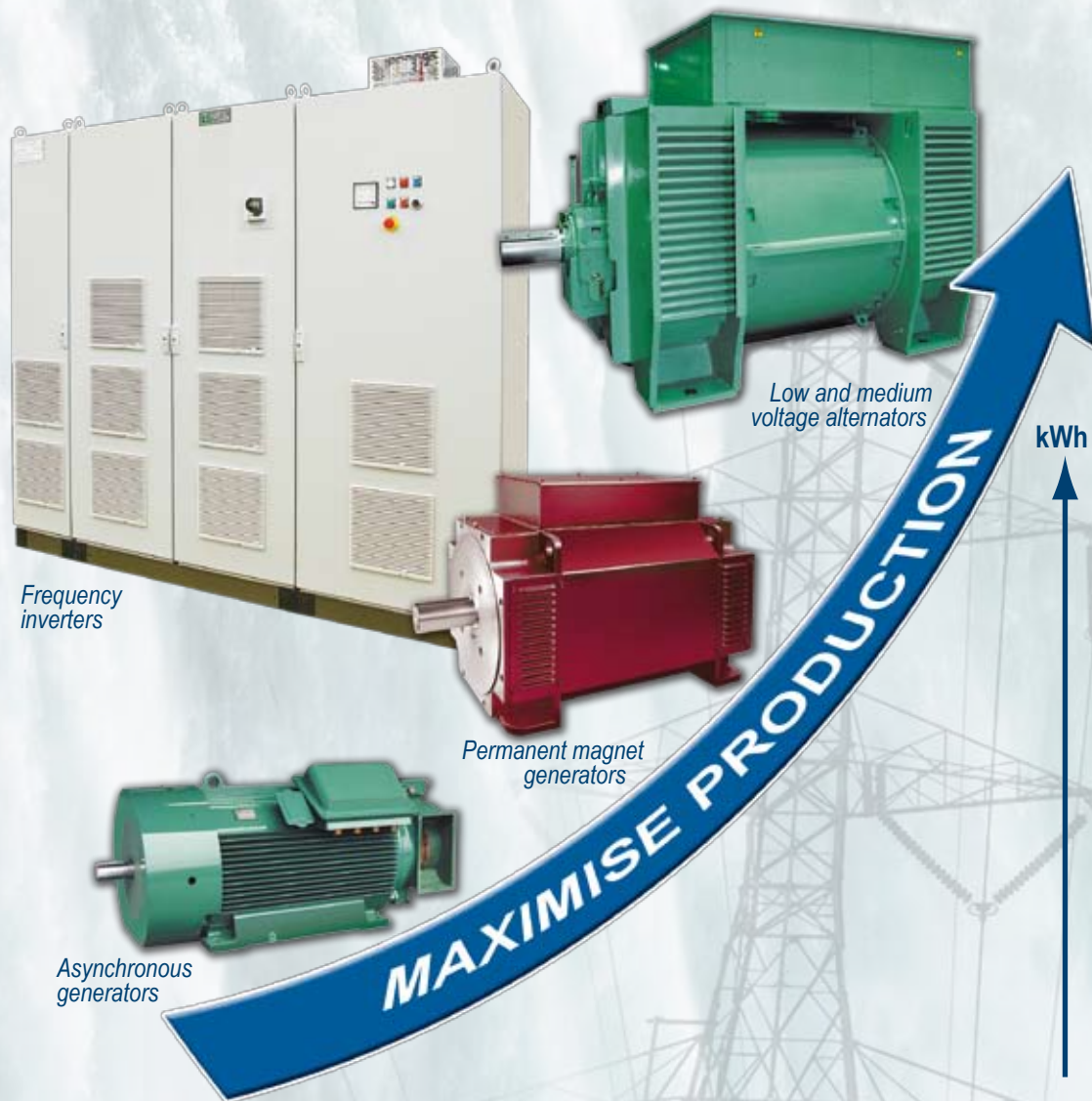
*Potential hydroelectric
production
EU27*

MAXIMISE PRODUCTION

"Productivity at its peak"

FIXED OR VARIABLE SPEED GENERATORS AND ALTERNATORS

Complete range up to 17 MW



Magnet solutions



Avantages :

- Very high efficiency silent generator
- An innovative universal solution, suitable for all types of turbine technology and all speeds
- Turbine axial thrust pick-up option
- Frequency inverter for:
 - increasing energy generation in extreme flow conditions
 - replacing mechanical regulation of the flow rate
 - reading and controlling the power factor ($\cos \varphi$)
- Reduced maintenance due to elimination of the gearbox and immersed mechanical settings
- Integrated help for maintenance and remote monitoring

Permanent Magnet Solutions
Dyneo