



Saves Your Energy

Wind power solutions

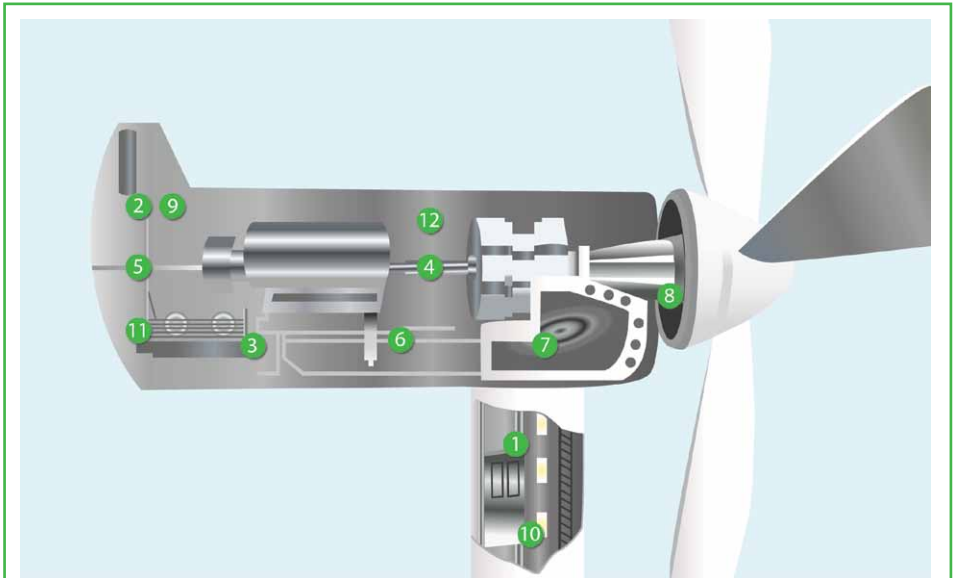
Expert at your service

We have sound experience of enclosing solutions made for the wind energy industry. Our international clientele is located in Europe, Americas and Asia.

Our international end customers include such names Vestas and Indian based Suzlon Energy. To these both we have provided e.g. lighting junction boxes and hydrant systems through our Chinese distributor Shanghai Ture Enclosure Electric Co., Ltd.

We are a member of European Wind Energy association

Our offering includes enclosure solutions made of both plastics and metals, terminals and load break switches, connectors. All our solutions and components meet the highest internationally recognized quality standards. The degree of protection of our reliable enclosures is typically IP66/67 making them suitable also for demanding environments.



Our applications have been utilized in the following systems:

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| 1. Tower elevator | 7. Azimuth control |
| 2. Wind sensors | 8. Pitch system control |
| 3. Generator cooling | 9. Aviation system control |
| 4. Slipring junction box | 10. Tower illumination |
| 5. Generator system control | 11. Nacelle heating and ventilation system |
| 6. Hydraulic break system | 12. Lifting / Material handling systems |

Project references



Our polycarbonate enclosure solutions are utilized in Labkotec Ltd's ice detector systems especially designed for wind turbines in demanding arctic conditions.



Our steel cabinets are used in wind turbines made by Taiwan Teco Electric & Machinery, one of the world's largest producers of industrial motors. The cabinets are used as terminal boxes in cooling systems, gear control units and other signal connecting systems.



EWEA

THE EUROPEAN WIND ENERGY ASSOCIATION

Ensto

Ensto is a family business and international cleantech company specializing in the development, manufacture and marketing of electrical systems and supplies for the distribution of electrical power as well as electrical applications. We are committed to lasting sustainable development and our goal is to be the world's leading company in green energy efficiency and distribution. Our products, manufactured in seven different countries, are environmentally friendly, energy efficient and leave a minimum carbon footprint. Ensto has three key business units: Ensto Utility Networks, Ensto Industrial Solutions, and Ensto Building Technology.

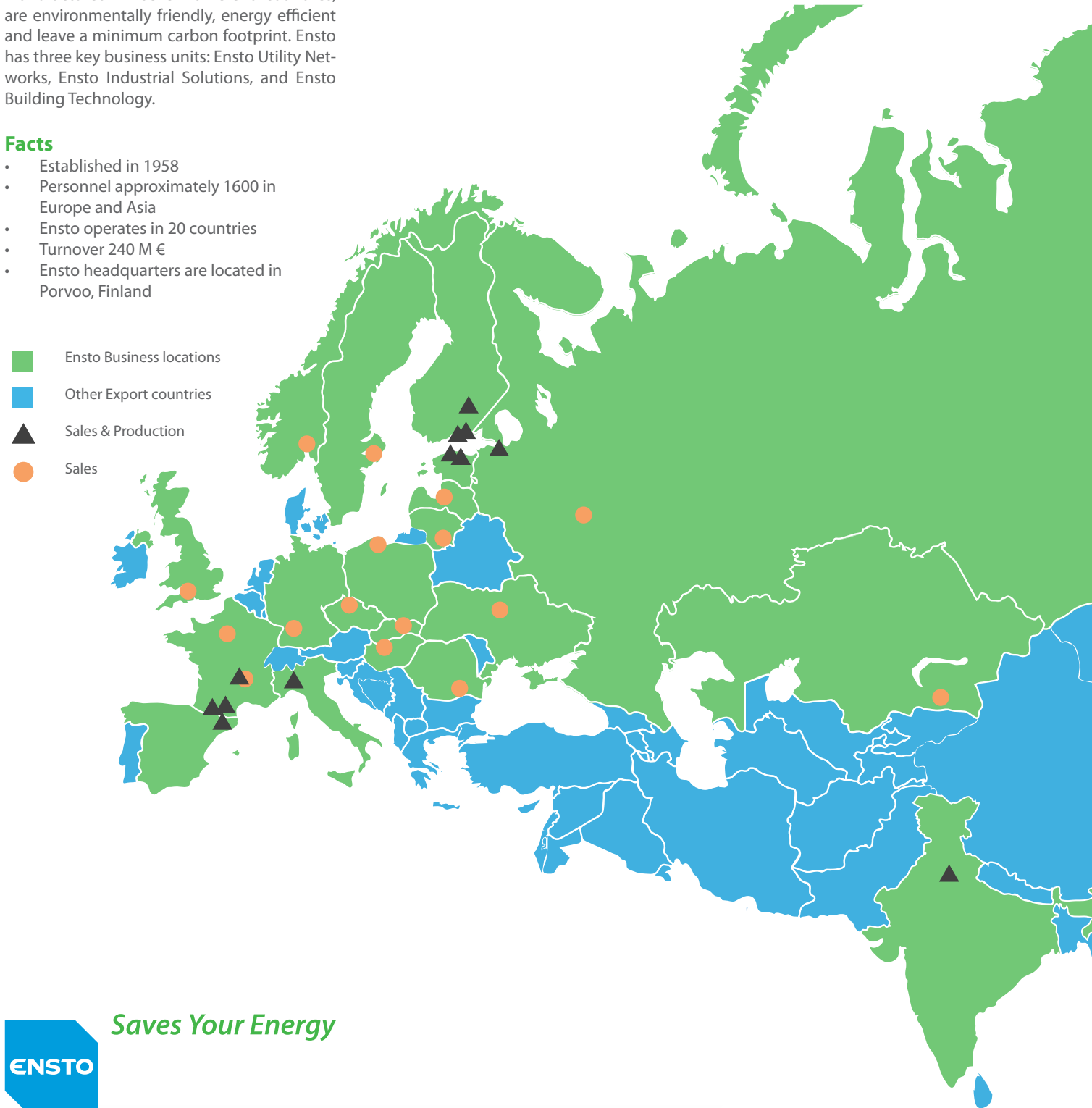
Facts

- Established in 1958
- Personnel approximately 1600 in Europe and Asia
- Ensto operates in 20 countries
- Turnover 240 M €
- Ensto headquarters are located in Porvoo, Finland

References

Become familiar with some of our references at our web pages

www.ensto.com/newsroom/references.



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