



### **IN 2030 WE NEED GLOBALLY**





### **FINLAND IS**

## 1st

### THE GREENEST COUNTRY

Finland is the greenest country in the world 2016 according to the environmental performance index (EPI)\*\*

\*\* Yale and Columbia universities along with the Wold Economic Forum.

## 1st

#### IN INNOVATION\*\*\*

\*\*\* The World Economic Forum, Global Competitiveness Report 2014–2015.

## 2nd

#### **IN CLEANTECH**

Finland was ranked number 2 in both the Global Cleantech Innovation Index and EU Eco-innovation scoreboard 2013\*

\*WWF and Cleantech Group

## 1st

- Qualified engineers
- Information technology skills
- Development and application of technology
- Funding for technological development
- Public and private sector ventures



## BEST PRACTICES FOR CLEAN WATER

**Finland's world-class clean water expertise** keeps drinking water free of bacteria and hazardous viruses. Finnish drinking water is better than most of the bottled water brands.

Finnish municipal waste water treatment is among the best in the world, driven by the strict legislation and monitoring by authorities.

**Despite water intensive industries**, like paper & pulp and mining & minerals, Finns are dedicated to keep their thousands of lakes clean by treating waste waters on site.







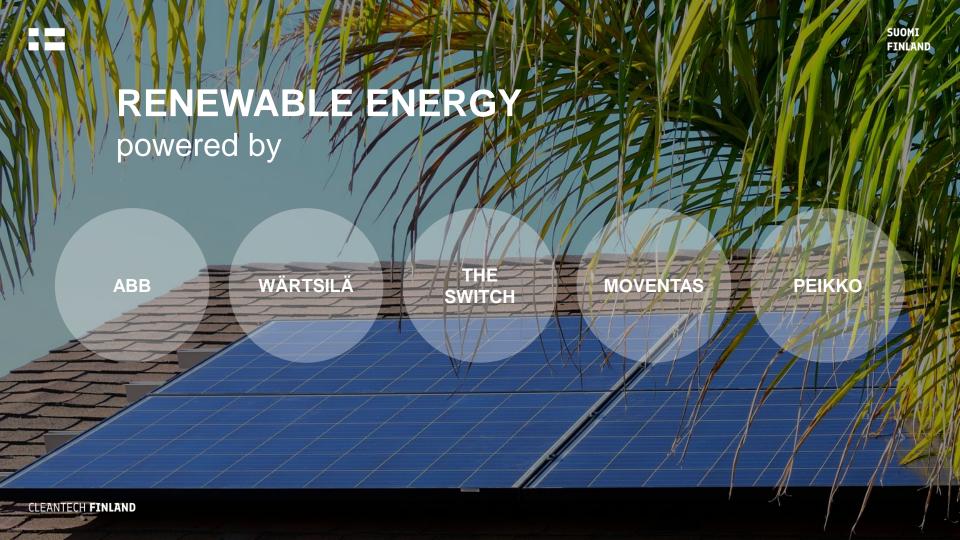
# FORERUNNER IN RENEWABLE ENERGY TECHNOLOGY

40% of Finnish energy is produced with renewables, like biomass, hydro, wind, and solar power.

50% of energy is recycled and recovered from wastewater and buildings in Helsinki.

Finland is a global market leader in renewable technologies, like wind turbine components, solar inverters, and bio- and waste-to-energy systems.







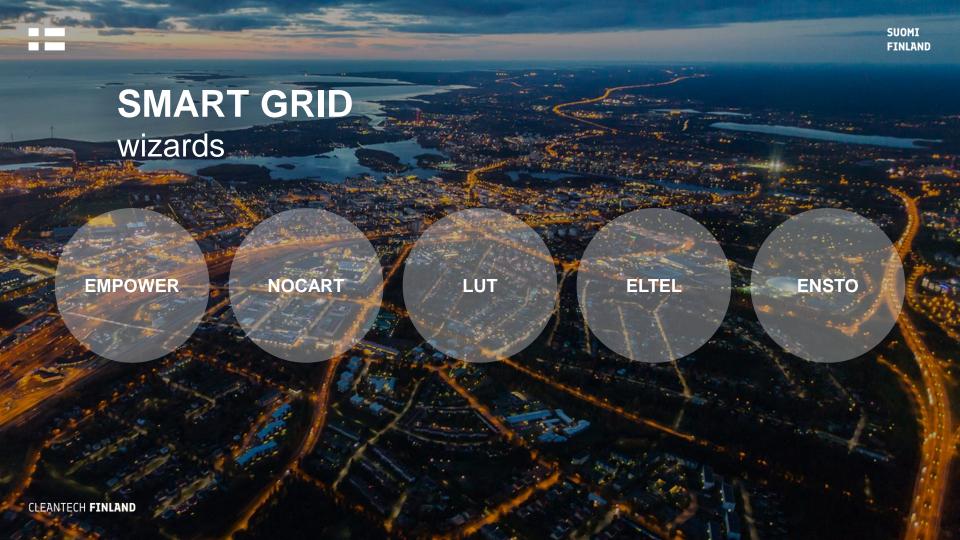
## **SMART GRIDS FOR SECURE** & **ECONOMIC ELECTRICITY**

Finland has used smart meters already for several years, which is key in making the distribution grid smart.

Distributed energy production and intelligent power management have been combined with high-level digitalization.

A world-class solution transforming old traditional electricity grids into highperformance smart grids and even off-grid island networks.







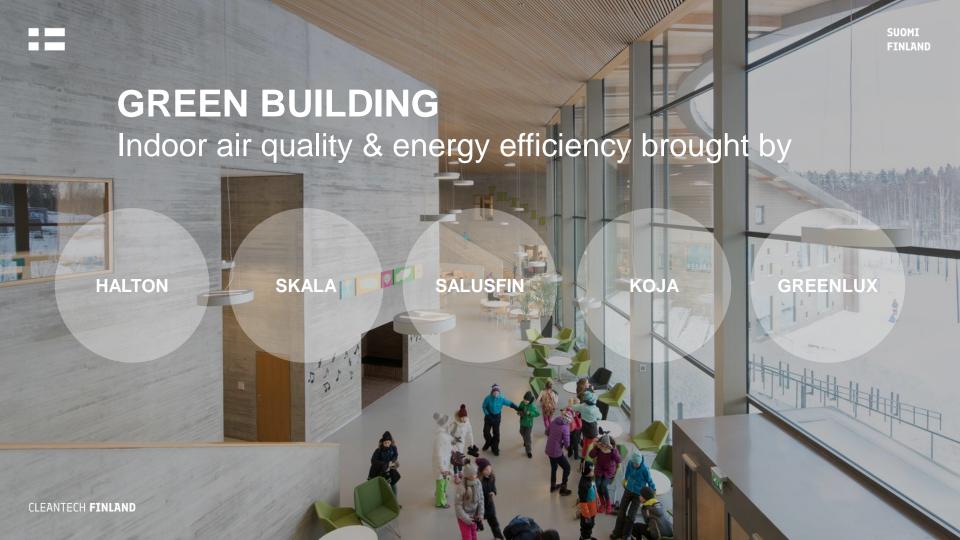
## HIGH PERFORMANCE GREEN BUILDING

Finland's arctic environment has been a great testbed for next generation building materials and technologies.

Advanced Finnish insulation materials, indoor air quality systems, doors, and windows establish a solid base for favorable and healthy working and living environments.

Finnish novel renewable energy solutions reduce the environmental load along with increasing the sustainability and energy-efficiency of built environment.





## **FOSTERING SUSTAINABLE GROWTH** Clean water Green building Renewable energy Smart grid www.cleantechfinland.com in Cleantech Finland @CleantechFIN #CleantechFinland CLEANTECH FINLAND