

Why is Finland a good place to invest in smart energy?

As the world moves into a fully renewable and sustainable future, Finland is the perfect place to research, test and produce smart energy solutions. Finland is a forerunner in the quest for carbon neutrality and smart energy. Already 40% of Finnish energy is produced from renewables. Finland has a goal of being coal-free in 2029.

Does Finland have a smart energy program?

The Finnish state has pledged EUR100 million to the Smart Energy Finland Program, while energy is key for the Finnish Innovation Fund Sitra. Finland's total government-funded R&D leapt 58% from 2019 to 2020, according to Statistics Finland. The private sector has invested in software, AI and power-to-x, among other sectors.

What makes Finland a smart energy hub?

Finland's expertise in smart energy is based upon a variety of complimentary factors: a history of using renewable energy, strong support from society and public officials, rare natural resources, world-class research and an innovative private sector.

Is Finland a good place to invest in R&D?

Finland's total government-funded R&D leapt 58% from 2019 to 2020, according to Statistics Finland. The private sector has invested in software, AI and power-to-x, among other sectors. As the world moves into a fully renewable and sustainable future, Finland is the perfect place to research, test and produce smart energy solutions.

Finland is now the unpassable hub for smart energy innovation. Finnish brainpower and clean technologies will help you transform conventional electrical grids into high-performance smart grids, with distributed energy ...

- o Finland has extremely stable electricity grid with minimal losses.
- o One of the most advanced smart grid in the world
- o Smart grid functionalities such as load profiling, real-time billing, distributed power generation are already in use
- o Internationally open Smart Otaniemi and Åland Island test beds for smart grid 2.0

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Convion provides its customers with sustainable power generation solutions for power security, energy independence and unparalleled fuel economy. Finno Exergy's innovation is based on using pulsed ...



Finland is smart power solutions

The simultaneous closing of CHP plants as unprofitable, increases the power deficit even more as district heating also moves towards higher degree of electrification and less fossil fuels. However, the power problem can be solved by stabilizing the power supply locally or through a possible power mechanism.

Starting from design and execution of Power-UPS, Structured cabling, Network security, Storage, surveillance, switching, routing, FAPS, Electrical, Air conditioning, Public addressing system- Ismart has the domain knowledge and technical skills in every aspect of IT infrastructure - solutions or services.

With no deposits of coal or oil within its borders, Finland has a history of developing renewable energy solutions. Today Finland is a leading country in smart energy. A combination of groundbreaking renewable energy technology, smart networks and automation has made Finnish smart energy solutions among the most advanced in the world.

Convion provides its customers with sustainable power generation solutions for power security, energy independence and unparalleled fuel economy. Finno Exergy 's innovation is based on using pulsed deflagration combustion compatible with existing technology, which has yielded significant results.

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