

# Estonia Energy Internet Smart Solution



## Overview

Estonian telecoms firm Enefit Connect OÜ, the country's main energy grid operator Elektrilevi OÜ and German smart grid platform envelio GmbH are collaborating on rolling out an intelligent grid platform nationwide across Estonia. Estonian energy management service Fusebox helps both corporate and individual users to reduce electricity costs and carbon emissions. In today's world, cost reduction and sustainability practices are a big topic. Estonian innovations are yet again ready to snap that opportunity across sectors. This was spurred by the liberalisation of national energy markets on the European Union level and the. The focus area of smart and sustainable energy solutions covers science-based solutions for energy production, storage, transmission, system management, and consumption. Enefit's integrated electricity business brings together generation, portfolio management, sales and customer. Elering, the Estonian independent electricity and gas transmission system operator (TSO), has decided to rely on the X-Road technology to create Estfeed - the solution for data access and exchange on Elering's smart grid platform. At the same time, distribution.



## Article Content

□ Estonia's Tech Revolution: Igniting a Sensory Explosion in Electrical ...

From energy-efficient solutions to smart grids and beyond, Estonian tech companies are revolutionizing the future of electrical engineering and paving the way for a cleaner, more sustainable

A digital solution from Germany for distribution grid operators is ...

As part of the RES Programme, an innovative soft-ware-as-a-service solution for the digitalisation, automation and optimisation of distribution grids was demonstrated in Estonia.

Smart solutions in Estonia's second city: smart Tartu

The article analyses smart city solutions of the second largest city of Estonia - Tartu, innovative, open minded, scientific, and smart.

Innovative Solutions in the Energy System of Estonia: A

Estonia is at the forefront of using digital technology to improve energy efficiency. The country has embraced smart meters and energy management

The first LoRaWAN remote energy monitoring solution in

The Internet of Things (IoT) technologies will continue to grow in 2017 with the utility sector to drive the highest adoption of IoT applications. Smart

Powering the Estonian TSO's smart grid solution | Cybernetica

Estfeed was envisioned and brought to life as a platform for energy data access and exchange, developed to interconnect the data of different sources (e.g., electricity and gas data

The smart grid: How AI is powering today's energy technologies

Discover how AI and Big Data analytics are powering smart grid solutions and modernizing energy technologies and customer service in the utilities sector.

Estonia introduces smart meters

Estonia is one of many countries that are installing smart meters to contribute to the EU target of improving energy efficiency by 20 percent by 2020. Elektrilevi has nearly a half-million

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Elering, the Estonian independent electricity and gas transmission system operator (TSO), has decided to rely on the X-Road technology to create Estfeed – the solution for data access and

Nationwide smart grid planned for Estonia

Estonian telecoms firm Enefit Connect OÜ, the country's main energy grid operator Elektrilevi OÜ and German smart grid platform envelio GmbH are

Estonian companies present digital solutions for the energy industry in ...

Estonian companies Enefit, Nortal, Datel and Smagrinet will present innovative digital solutions at the World Energy Congress in Abu Dhabi on 9-12 September; the Estonian president,

Estfeed - safe use of smart meter data in order to lower

Estfeed is a highly secure and transparent data sharing platform developed by the Estonian transmission system operator, ELERING. It aims to

Transition towards Smart City: The Case of Tallinn

The main interest of this paper is to analyze the gap between an existing city and its future vision set in the strategy, with a focus on the transition path towards becoming a Smart City. For the ...

□ Estonia's Tech Revolution: Igniting a Sensory Explosion in Electrical ...

The Rise of Energy-Efficient Solutions One of the most significant trends in the Estonian electrical engineering industry is the focus on energy-efficient solutions. With growing concerns about

Estonia's Fusebox opens ways to smart energy

Estonian energy management service Fusebox helps both corporate and individual users to reduce electricity costs and carbon emissions.

Navigating the rise of energy communities in Estonia: Challenges and ...

This study explores the emergence and development of energy communities (ECs) in Estonia, emphasizing the challenges and successes encountered. ECs are integral to the European

Top 32 Smart Grid Companies in Estonia (2026) | ensun

When exploring the Smart Grid industry in Estonia, several key considerations are crucial for informed decision-making. Estonia has made significant advancements in digital infrastructure, which supports

Estonia's Fusebox opens ways to smart energy

Fusebox offers an advanced software-based solution which assists in balancing energy demand and supply, ultimately leading to cost savings and reducing

The first LoRaWAN remote energy monitoring solution in

Smart marina lights up Environmental sustainability and changing regulations for energy efficiency are some of the reasons for the growth of

Overview — Invest in Estonia

Estonia has a niche capability in the design and engineering of hardware and software solutions for intelligent transportation, urban planning, tourism and smart

Smart and sustainable energy solutions

The focus area of smart and sustainable energy solutions covers science-based solutions for energy production, storage, transmission, system management, and consumption.

How Estonia outpaced the rest of Europe at digitalization

Germany has been described as an analogue country in a digital world. Meanwhile, Estonia has digitized all of its government services, including

Energy grid tech — Invest in Estonia

Estonia has a niche capability in the design and engineering of hardware and software solutions for intelligent transportation, urban planning, tourism and smart

## Contact Us

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