



# THE **NEXTGRID** PROJECT

a systemwide demonstration  
of capacity management in  
distribution grid

A research and innovation project supported by



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The Research  
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# The NextGrid Value Chain

Next generation monitoring and control systems for distribution grids

The **NextGrid** project develops smart, comprehensive **solutions** for future **distribution grid** operations, focusing on automation, sensor data utilisation, active network measures, and customer flexibility to achieve **cost-effective electrification** and **decarbonisation**.

## Combining technologies

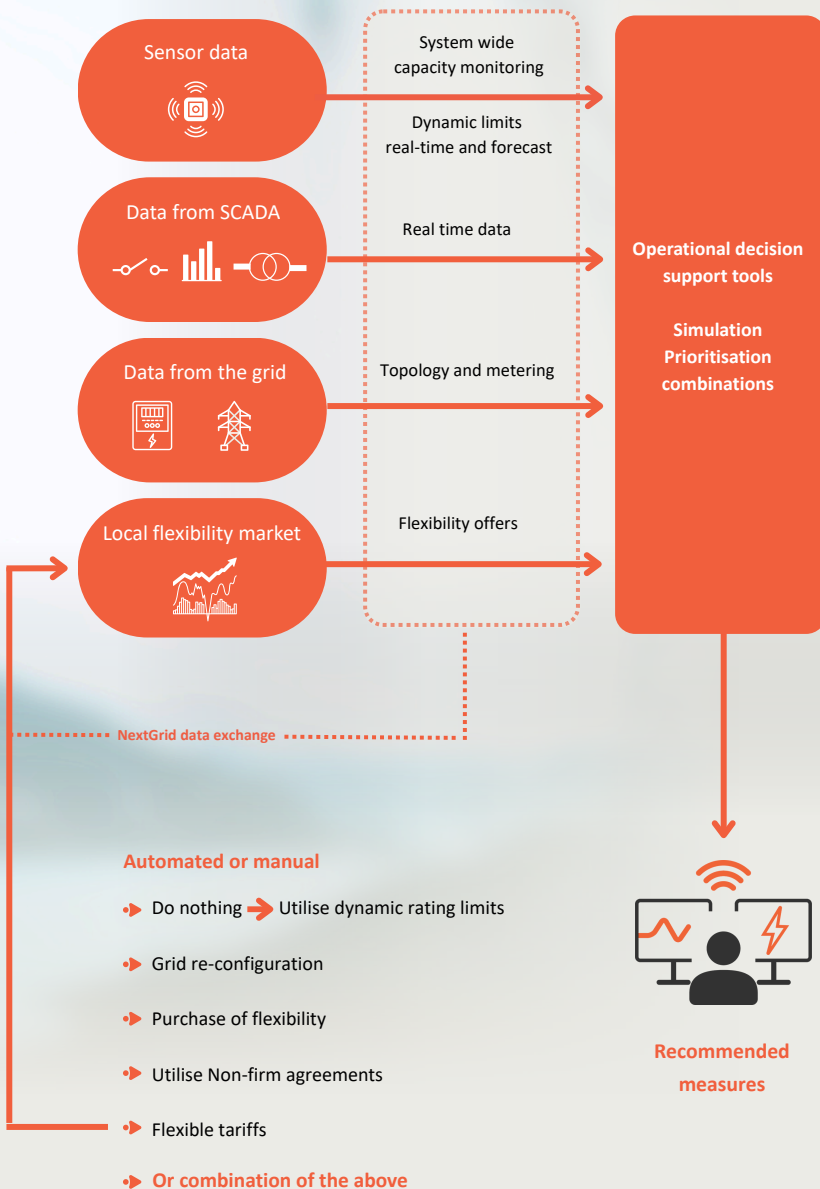
Most of the technology that is required for smart grid operation already exists, but the scaling and implementation of these solutions has been too slow. The reason for this is that important tools are lacking. Through NextGrid, the project partners are developing thermal

surveillance systems for the power grid, tools for operations planning and systems for data integration. The innovations that are developed in the project will be tested and verified through various activities.

## Automated operations for the green transition

Today, local and regional distribution grid operations have relied mainly on manual processes and limited tools, requiring large safety margins that restrict full utilisation of grid capacity and delay the connection of new customers.

NextGrid has developed solutions to address these challenges, enabling grid operators to perform large-scale, advanced operations of the power grid.





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## CONTACT

Gunnar Vist, Project Manager

gunnar@heimdallpower.com

+47 971 96 093



NextGrid is a project that is a part of the Green Platform, established to enable a research and innovation driven green transition of the economy.