



## Partners involved



## Associated Partners



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# interconnect

## The Netherlands Smart office Smart grid

### FINANCING




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## Location

 Videolab building Strijp-S,  
Eindhoven

## Objectives

Building owners will be able to test and evaluate new functionalities and services aiming at:

- Optimizing the energy consumption based on real time data and external data sources;
- Enabling the opportunity to participate on the energy market;
- Using thermal storage (heating & cooling) as flexibility source;
- Reducing the energy bill;
- Lowering the peak load of energy consumption;
- Increasing the level of comfort, convenience, safety and sustainability for tenants of the building;
- Implementing a state-of-the-art building management system;
- Creating awareness for the energy transition that is taking place;
- Giving an opportunity to be actively involved in the energy transition;
- Creating and validating new business opportunities (services) for different stakeholders.

## Technologies & Infrastructures

The building is equipped with gateway's, sensors & devices, Actuators & Smart Outlet's, Smart City Optical Fiber connection, Smart City Hub (data center), EV charge station and battery that will allow building owners to experience the next level of facility management and explore new services for office buildings.

### Hyrde's Ekco Building Management platform

This multi-purpose platform enables its user to manage and control the complete (IoT) ecosystem of a building on an intelligent way. It runs all the necessary software for operating the system.



### iOffice app

This interface enables office users to use different services and is a platform for communication between users and the community manager.



### TNO's ReFlex platform

This platform organizes demand and supply of energy, as tool for aggregation and scheduling of energy flexibility.

