

KEKO – ecosystem around a smart building platform

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5G Momentum -webinaari: 5G ja älykkäät rakennukset
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KEKO – Smart Building Ecosystem



PURPOSE:

We all deserve safer, more fluent and more productive buildings.

MISSION:

Create a high-performing and dynamic ecosystem that defines the future of the built environment.

VISION:

The KEKO ecosystem is a global standard for smart building platforms.



Planning



Construct



Renovation



Facility management



Tenant



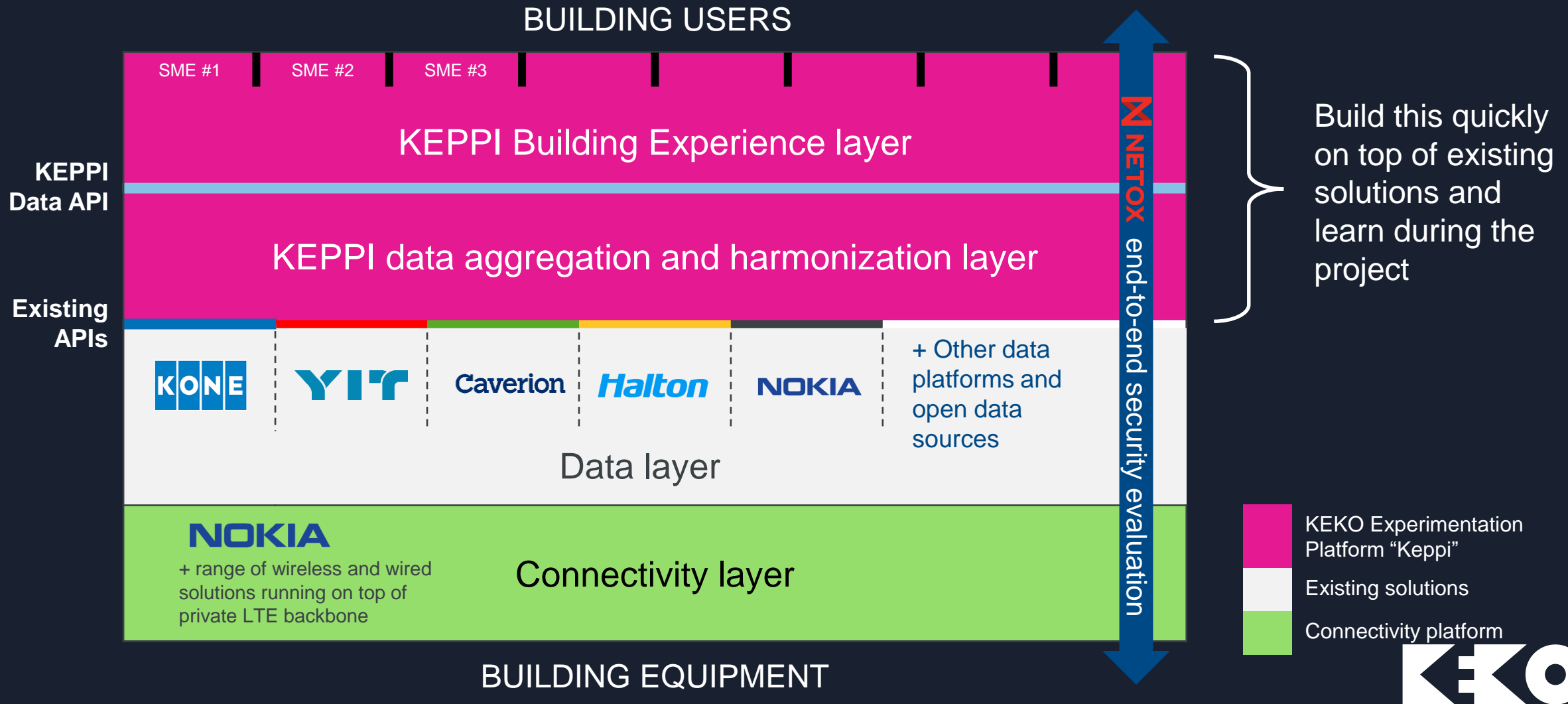
External service provider



Visitor



Joint experimentation platform that integrates data and runs the experience apps



<https://developer.kekoecosystem.com/>



The KEKO Ecosystem brings major players and SME's together

The aim is to build a dynamic ecosystem around smart-buildings.



Utilising existing APIs



Build new APIs



Bring your own data

4 CHALLENGE
COMPETITION CYCLES
SUPPORTING SME
ENGAGEMENT

1. Utilizing Data to Create Building Experiences by KEKO
2. Solutions for users in supporting their use of a smart, adaptive building
3. Usage of data gathered during the planning and construction phases
4. Healthy Spaces



KEKO at Maria 01 campus is now open for testing purposes

- Nokia Digital Automation Cloud (DAC) and High Accuracy Indoor Positioning (HAIP) provide private (4G) wireless networking, positioning and edge computing.
- Mesh network for connecting indoor air quality sensors, occupancy sensors and sound sensors for noise detection

KEKO Experiential wayfinding PoC project at Maria 01 campus



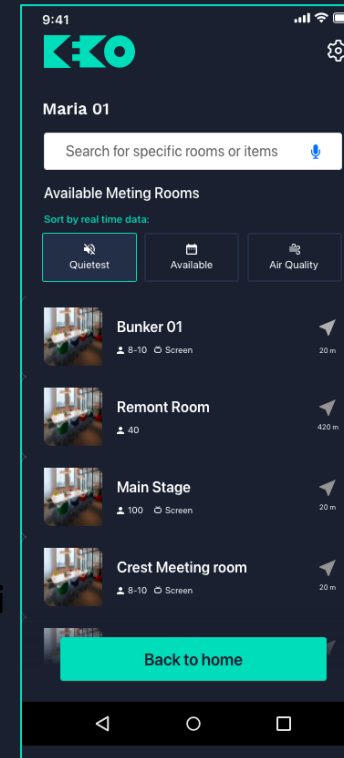
Indoor navigation solution

Proximi.io provides a personalized indoor navigation solution, which combines digital and physical features together. Click to read more.

emblica

Calmness index

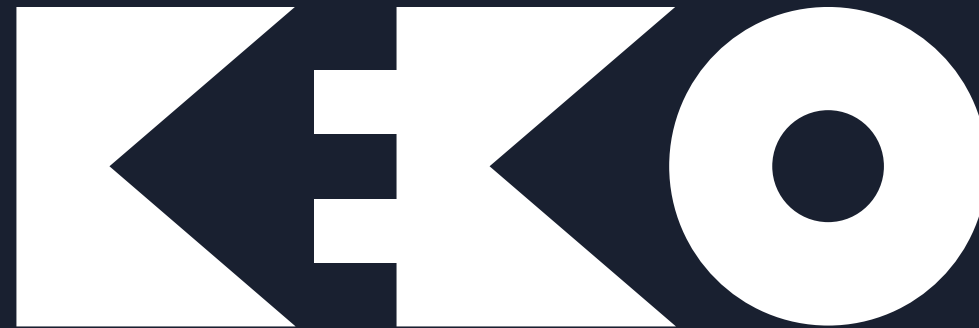
Emblica combines noise data with AI to create a calmness index to select the right working area.



Coming next:
Robot delivery demo
with Solteq robot,
KEKO application,
indoor positioning and
private wireless
network.

KEKO Experiential wayfinding is a pilot of an indoor navigation app that helps a user to find the most optimized space by utilizing real time building data. Through sensor and API technologies, the app collects occupancy, air quality and noise level data to enhance the user experience of wayfinding at Maria01 Startup Campus.





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standard for smart building
platforms.

WWW.KEKOECSYSTEM.COM