



HALLITUKSEN
KÄRKIHANKE

Government key project:

**Boost to digitalisation of the
built environment and
construction sectors**



KIRA-digi – Digitalisation of the built environment and construction sectors 2016–2018

The Ministry of the Environment boosts the much needed digital leap in built environments and construction together with operators in these sectors.



Benefits of digitalisation in the sectors:

- Fewer errors and better quality
- Healthier cost structure in construction and real estate maintenance
- Buildings are safe and healthy for users in their daily life
- Better access to information facilitates the maintenance of buildings
- Less unnecessary work: faster permit procedures, less work in transferring data

What does KIRA-digi aim for?

- Brings built environment and construction sectors to the new era of platform economy, opens up interfaces and gets data on the move
- New business and data from over a hundred experiments to be used in support of decision-making
- New information utilised in legislation and for smoother regulation

Government's key project involves ministries, municipalities and the KIRA forum

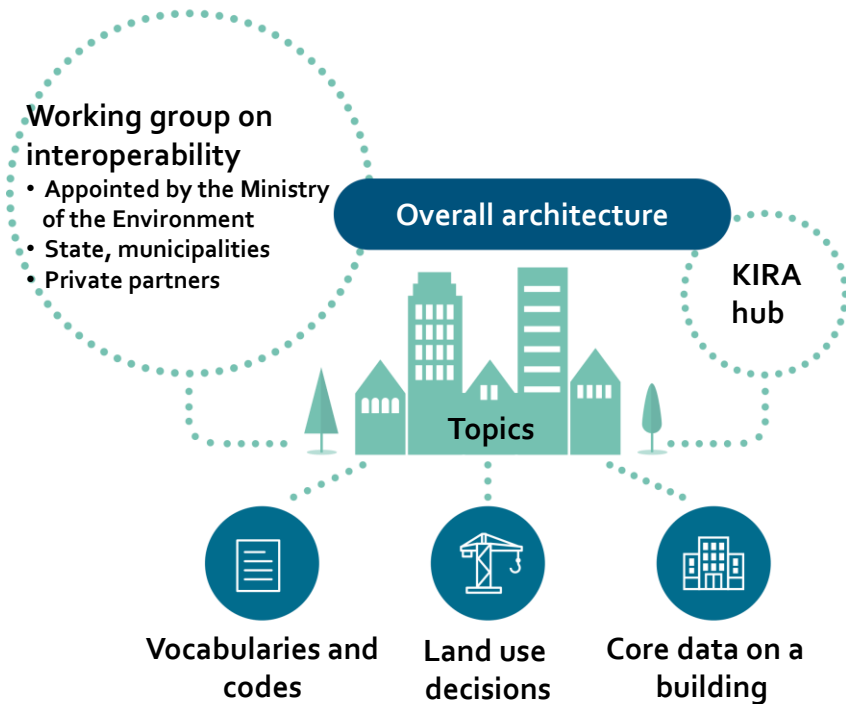


Budget:
EUR 16million

Expenses 50/50 by the state and built environment and construction sectors

Built environment ecosystem

How does the public-private link work in built environment and construction sectors?



Harmonisation of information management

1. Common identifiers for the sector
2. Common information model for real estate investment and management
3. Information model standard: content of a building
4. Digital zoning and digitalisation of land use
5. Work on terminology and nomenclature

Work on regulations and adjustments by the public administration

1. Open access to building data
2. Interfaces to cultural heritage data
3. Building classifier
4. Reform of the planning system
5. Identifying legislative bottlenecks by crowd sourcing

Experiments

1. Financing of experiments
2. New solutions and practices for the benefit of the whole value chain of built environment and construction sectors
3. 6 rounds of applications for experiments, about EUR 4.4 million
4. Small budget experiments (EUR 1500 per project)
5. Creating a community



Reducing unproductive information transfer work may reduce the annual costs of work in the municipal sector by EUR 200 to 600 million.

Source: [Vuonna 2017 kuntien ja kuntayhtymien henkilöstömenot ovat arviolta 20,06 miljardia euroa](#) / Personnel expenses in municipalities and joint municipal authorities in 2017 estimated at EUR 20.06 billion
("reducing unproductive information transfer work would reduce the costs of work by an estimated 1 to 3%")