Energy Saving House Hunting

Golden Ration Team

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Inspiration and motivation

The City of Helsinki has set ambitious targets for reducing its CO_2 emissions in the near future: the capital wants to reduce its CO_2 emissions by more than 20 % by 2020 compared to the level of 1990.

House Hunting in Sustainable Urban Infrastructures

How to support a citizen to make a smart and environmental friendly decision when house hunting?

$$\frac{a+b}{a} = \frac{a}{b} = \varphi \approx 1{,}61803$$

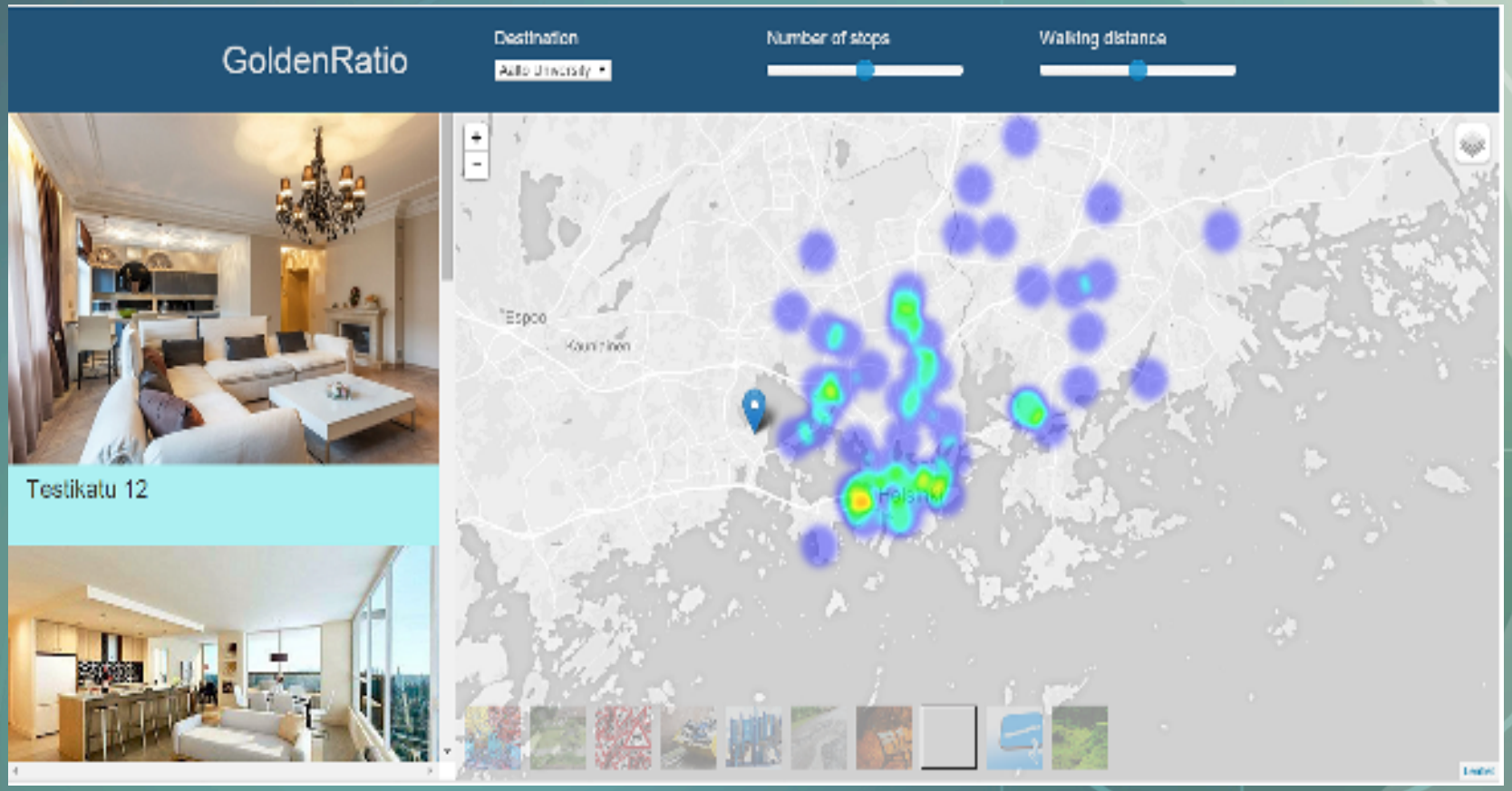
Solution

A search tool for houses based on:

1- HSL network of public transportation

2 - Governmental and citizen produced open data

Golden Ration App



ttp://kumartest.cloudapp.net:8080/hackaton

Open DataSets in Use

- Services classification provided by City of HKI
- List of Units providing the services
- List of Accessibility Features available at the units
- List of Issue Reports provided by citizens
- HSL transportation API service

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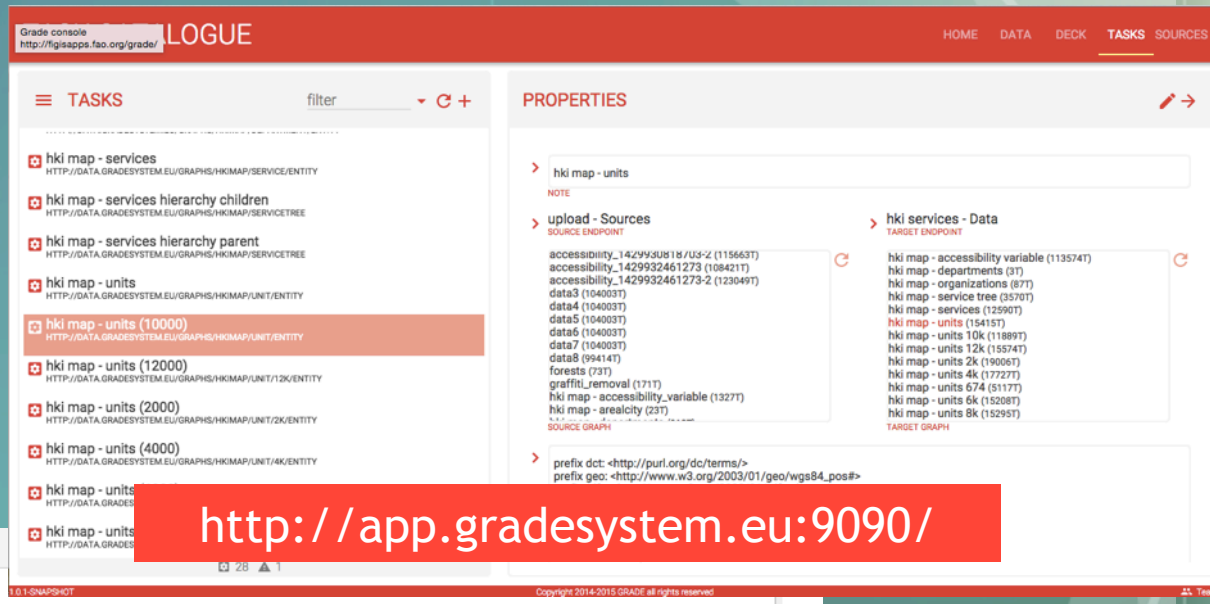
Linked Open Data Available

LINKED DATA

★ On the web, open license
★★ Machine-readable data
★★★ Non-proprietary format
★★★★ RDF standards
★★★★★ Linked RDF

IS YOUR DATA 5 ★ ?



http://app.gradesystem.eu:9090/

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Dataset

semantic.hri.fi

Semantic.hri.fi is part of the Helsinki Region Info Share. It provides Linked Open Data (RDF / SCOVO) view of www.aluesarjat.fi statistics.

Where as traditional PC / Axis-based statistics are separate and isolated files from which one can search for a single type of statistical information at a time, semantic.hri.fi provides Relations Between the different types of statistics through the dimensions they share, eg all statistics of some area and year. Also one can make searches over diverse statistical information.

Data and Resources

This dataset has no data, why not add some?

Perspectives

- Customizable approach to different domains
  - More overlays can be generated to support multiple environmental concerns e.g: Clean Energy, Water and Soil
- Collaborative maintenance
  - Each governmental institution can contribute with open data to support citizens decision making
  - Each citizen individual can participate to produce or refine institutional data

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SO LONG AND THANKS FOR ALL THE FISH

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