



# FOSSIL-FREE ENERGY DISTRICTS GOTHENBURG, SWEDEN



EUROPEAN UNION  
European Regional Development Fund

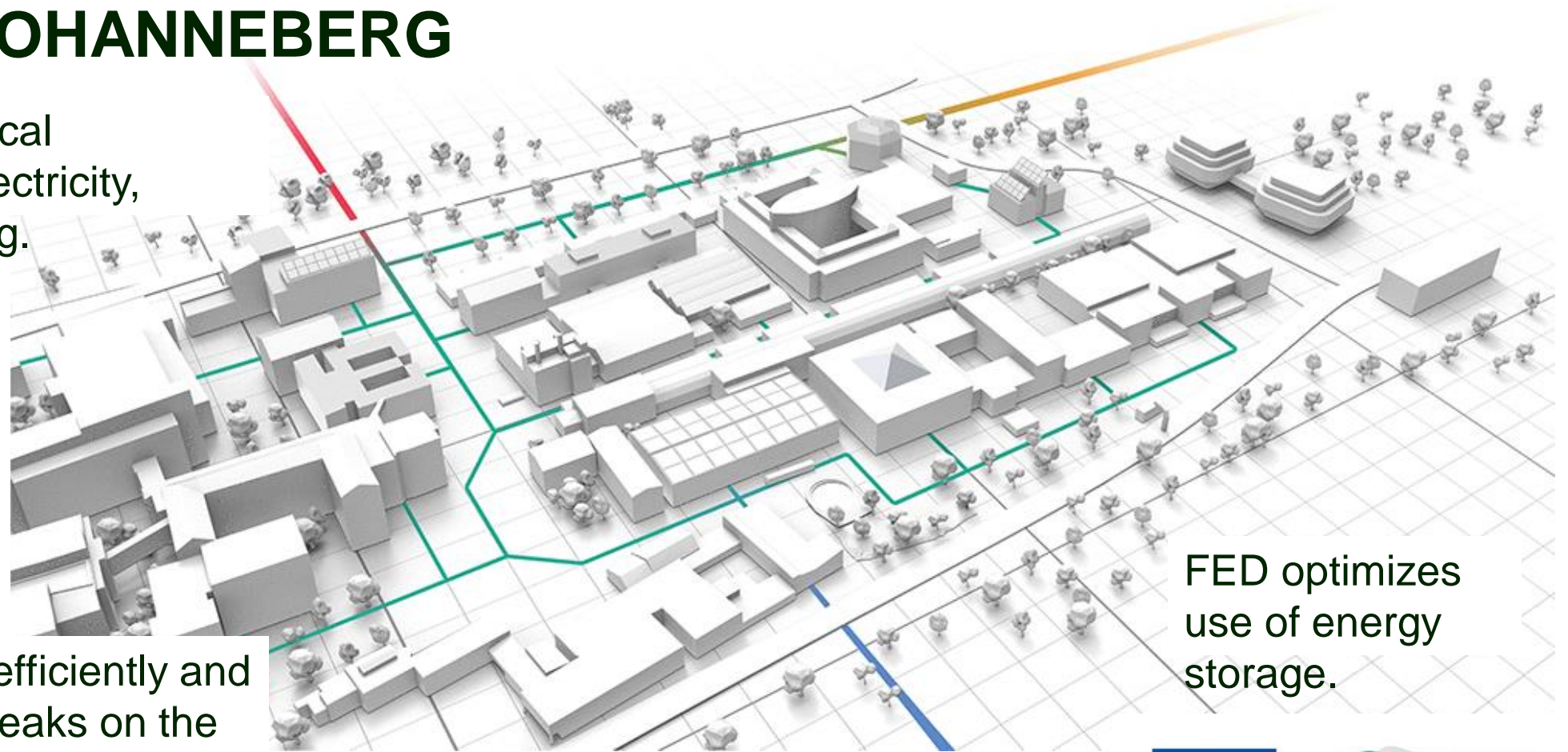


# FED ON CAMPUS JOHANNEBERG

FED develops a local marketplace for electricity, heating and cooling.

FED uses energy efficiently and avoids fossil fuel peaks on the grid.

FED optimizes use of energy storage.





# FED IN EUROPE

- FED is financed by EU-program Urban Innovative Actions, UIA
- FED is one of three projects on Energy Transition
- FED's budget is €5.8 million



#fedgbg



City of  
Gothenburg



Göteborg Energi



Johanneberg  
Science Park

RI  
SE

# COOPERATION BETWEEN NINE PARTNERS



AKADEMISKA HUS



BUSINESS REGION  
GÖTEBORG



CHALMERSFASTIGHETER



ERICSSON

CHALMERS  
UNIVERSITY OF TECHNOLOGY



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**ENERGY TRANSITION IN EU**

**SECURE ENERGY SUPPLY**

**SMART SYSTEM SOLUTIONS**

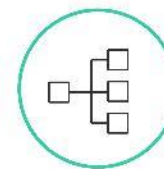
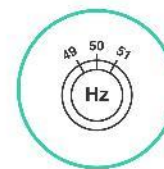
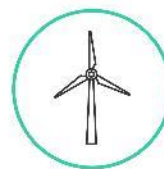
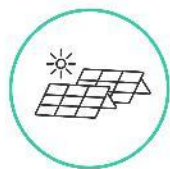


**RENEWABLE PRODUCTION**

**SUSTAINABLE BUSINESS MODELS**



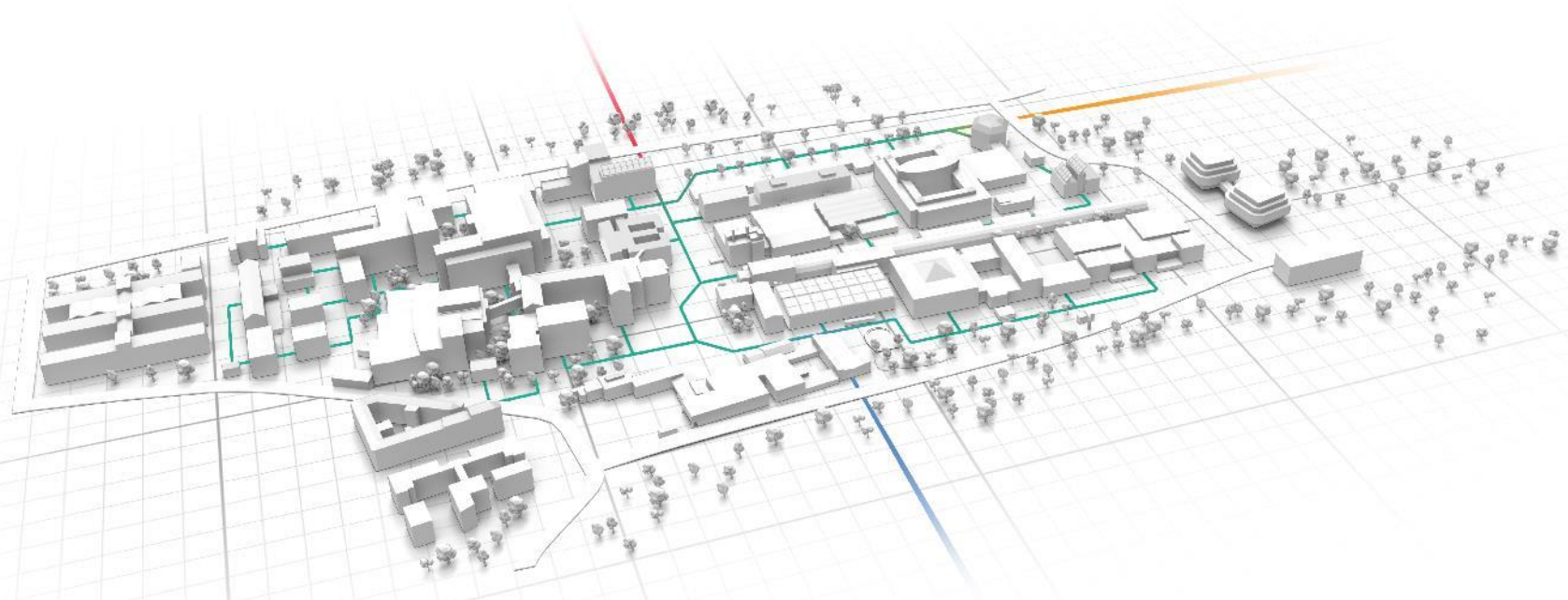


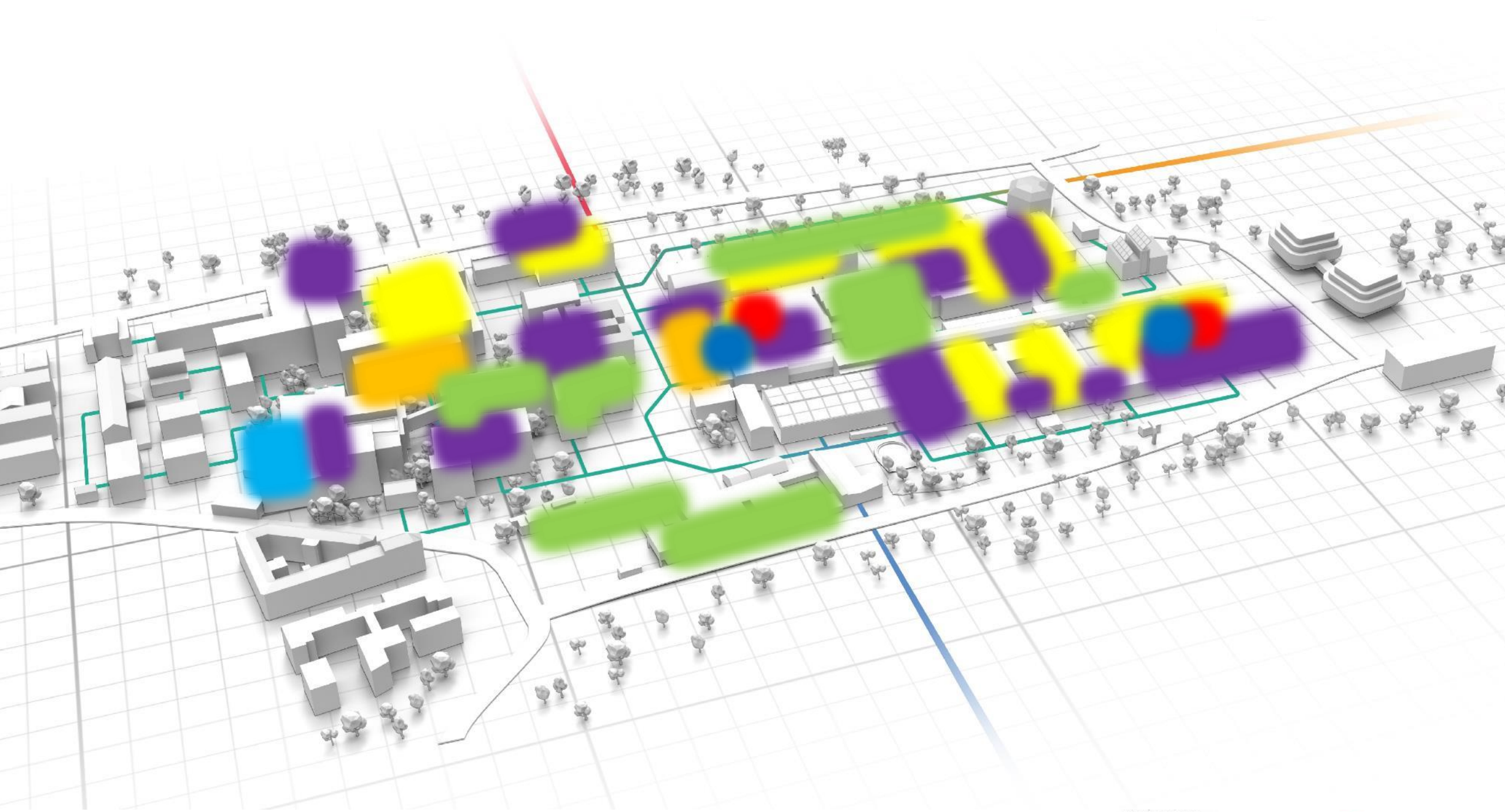


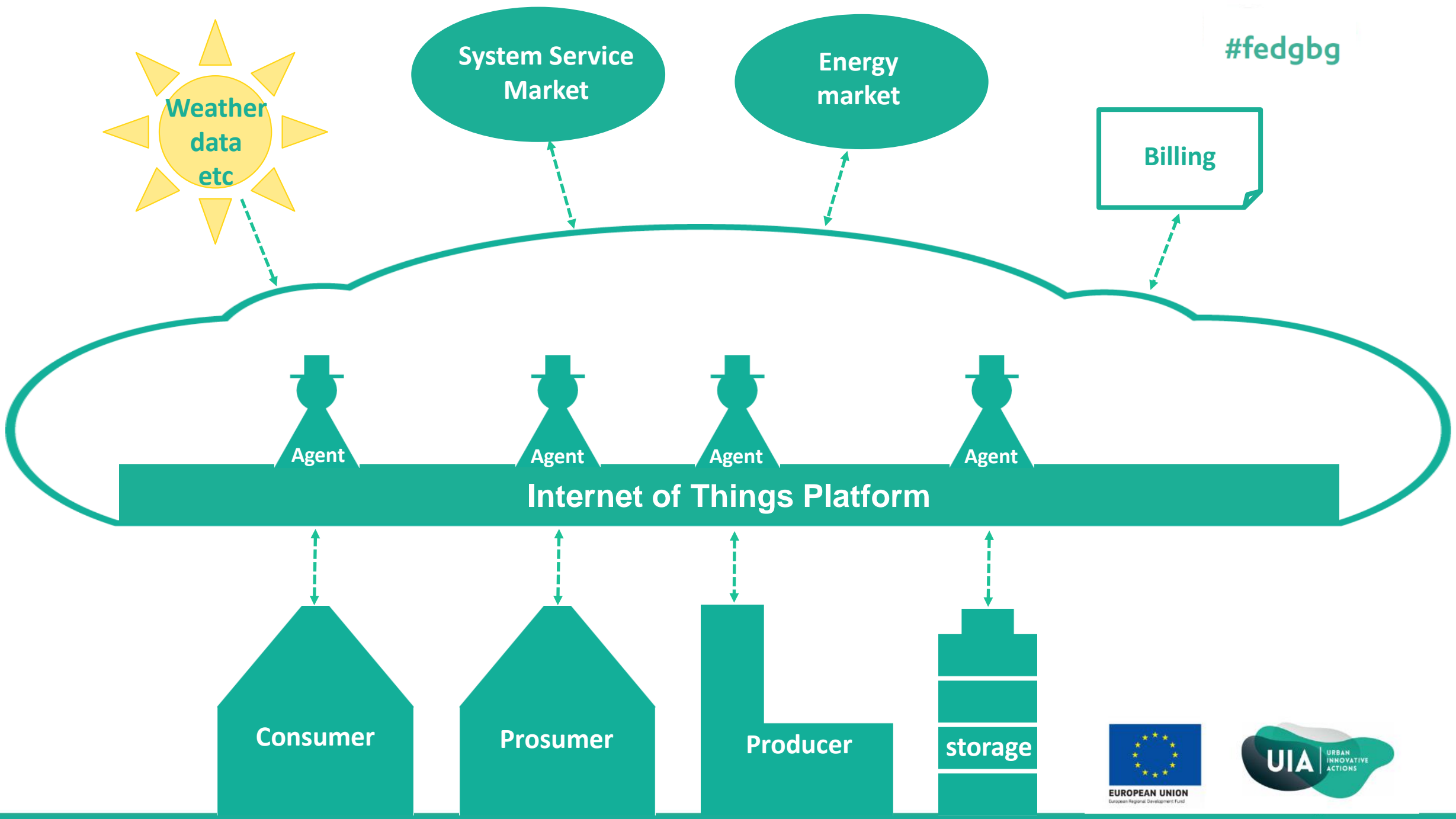
Local market participants

External production and distribution

- HEATING
- COOLING
- ELECTRICITY









# FED MILESTONES

- Project start Nov 2016
- System design June 2017
- Trading system in operation January 2019
- End of the execution phase October 2019
- Closure and knowledge transfer October 2020

| Welcome to the final conference in  
Brussels 17-18<sup>th</sup> of October!

@fedgbg

[www.johannebergsciencepark.com/fed](http://www.johannebergsciencepark.com/fed)

[www.uia-initiative.eu](http://www.uia-initiative.eu)

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