

# KIRUNA CITYLAB

What is it, why do it, what is the challenge, what are the benefits and how to do it.

A presentation for  
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by  
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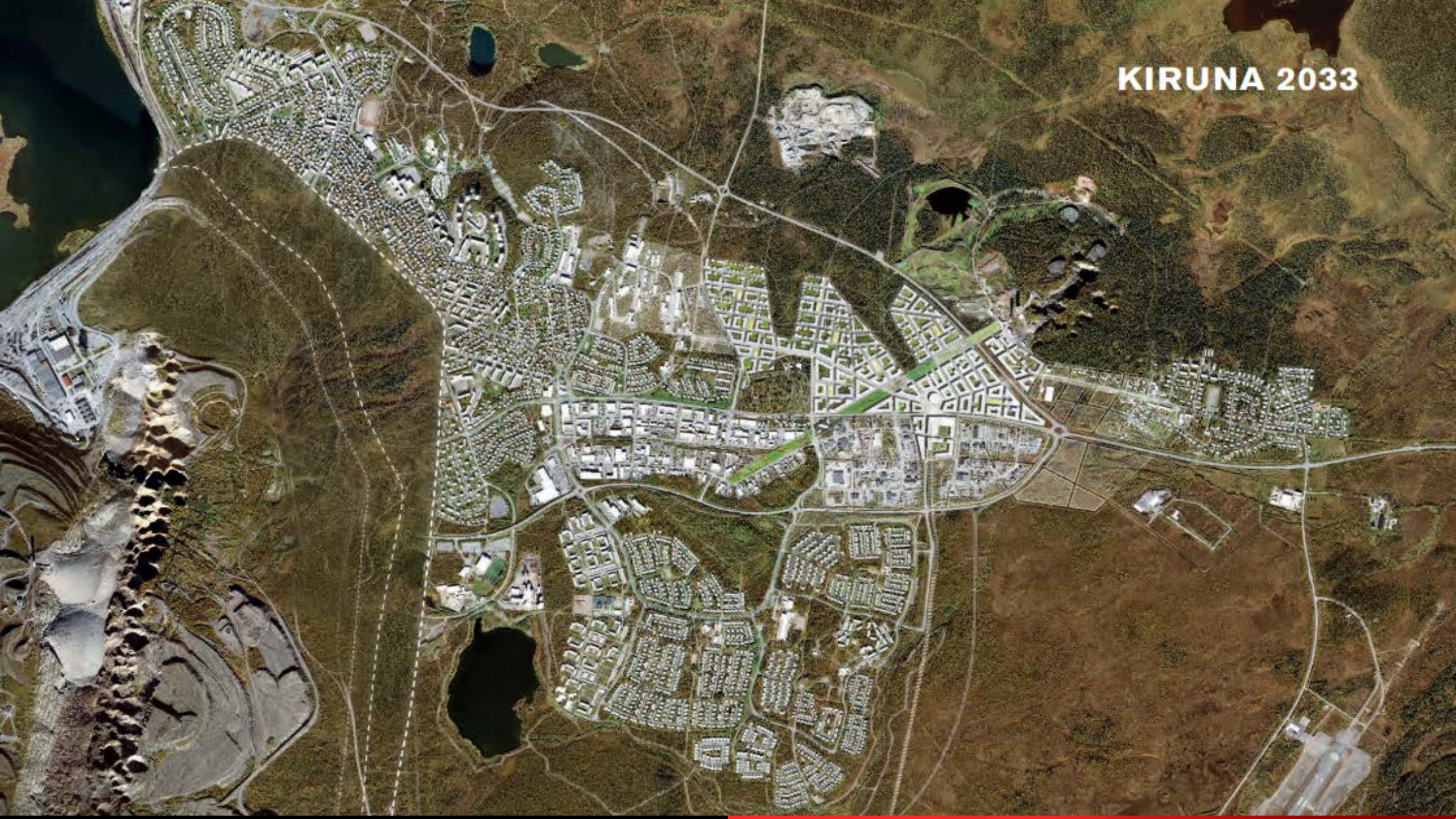


## THE UNIQUENESS OF THE MUNICIPALITY OF KIRUNA

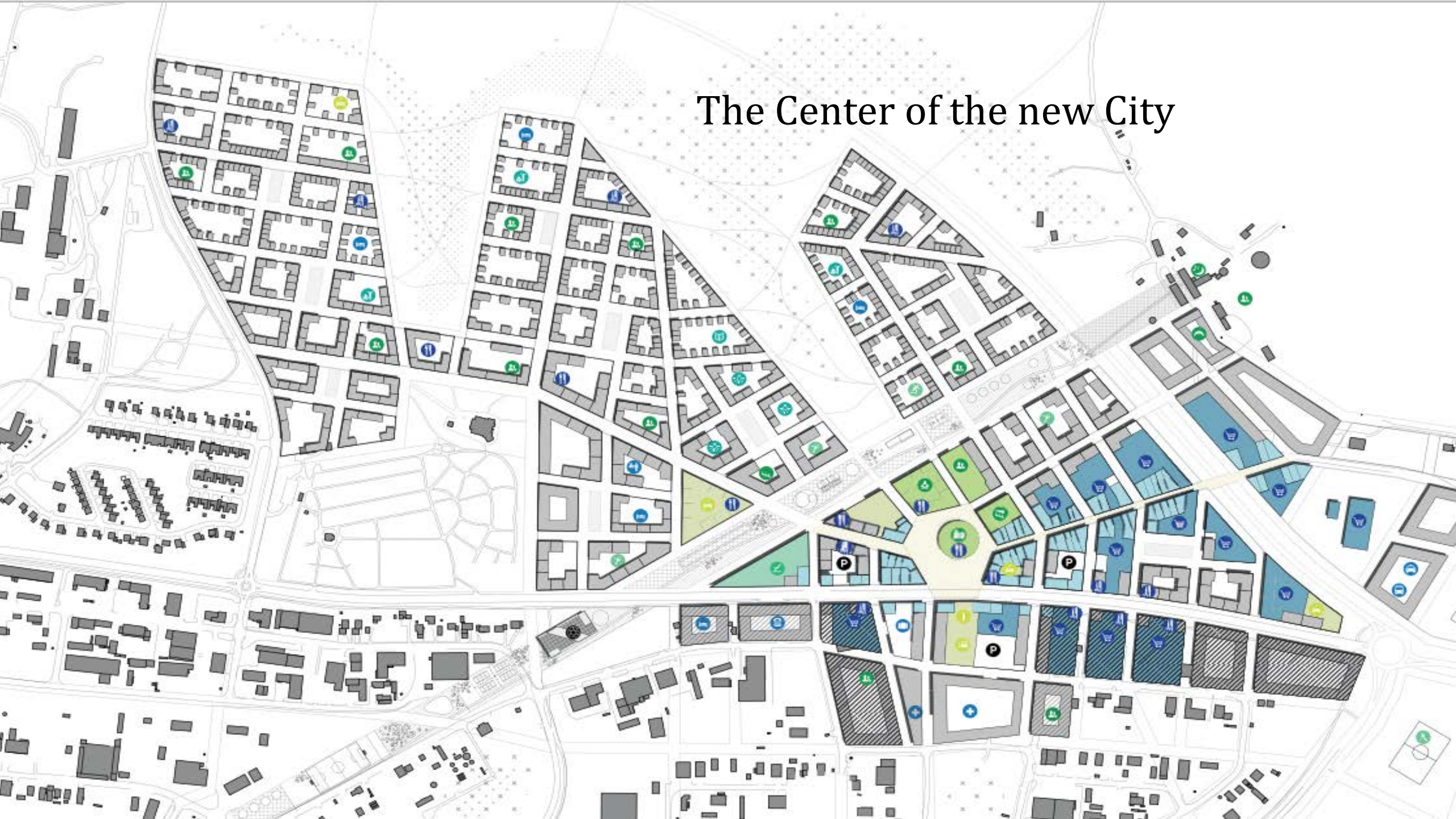
- The digitization of society is highly utilized.
- A technological leap of the same size as electrification.
- Small contributions from the community, great benefits for society.



**KIRUNA 2033**



# The Center of the new City



# BUSINESS IDEA

KISEA shall establish a **CityLab**.

The CityLab will facilitate companies to develop, tests and demonstrate new products and services in a real city environment.

The CityLab will provide stakeholders with data, information and knowledge needed to understand and manage the society and to serve its citizens.

The CityLab shall also have the capability to research, gather experience, deliver feedback and market new opportunities.





Hjalmar Lundbohm  
founder of The City of Kiruna



## KIRUNA CITYLAB

- The City is the Lab. Can be linked to other cities, or smaller dedicated labs.
- Aims to clarify how to evolve the new information society in a real environment for a long time and under viable democratic principles.
- Unique opportunity through the relocation of Kiruna municipality is present right now.
- Subarctic environment, positive attitude of citizens.
- Creates new revenues and jobs for the municipality, region and country.
- Innovative, new technologies, social support and development.
- Feeds data into the “Big data” concept.

Polar Light



## WHY A CITYLAB?

- **The Researcher**
  - All in one place.
  - Monitoring, evaluation, analysis.
  - Coordinated expertise.
  - Collaboration with contractors.
- **The contractor**
  - Unique full-scale environment for the needs of development and verification of products and services.
  - Rapid feedback on the development potential.
  - Investment opportunities are created.
- **The Citizen**
  - In the city center and is involved in the development
  - Can actively influence.
  - Belief in the future.

# EXAMPLES OF SERVICES THAT CAN BE TESTED IN A CITYLAB

- Exhibitor A, would like to showcase a municipal inspection and control systems for city-wide infrastructure monitoring, maintenance and logistics support.
- Exhibitor B, develop and test services for automatic identification of people in stores, shops, petrol stations, taxis, public transportation and with public authorities, in order to simplify the verification of the individual and his or her payments.
- Exhibitor C, a completely free-of-charge, secure and fast Internet access for both individuals and businesses.
- Exhibitor D, tests a no-cash society.
- Exhibitor E, tests on-line monitoring of elderly.
- Exhibitor F, sets up a Cyber University by linking a group of universities together.





The Ice Hotel



## THE NEEDS OF KISEA

- We need experts from Academia, Industry and Government to participate in an EU Horizon 2020 application – purpose: **to build the CityLab.**
- We need candidate cities, interested in becoming a featured part of the CityLab.
- We need companies, academia and government organizations interested in developing, testing and demonstrating their ideas, concepts, products and services at the CityLab.



# CONTACT INFORMATION



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THANKS FOR YOUR ATTENTION!

A presentation of and by KISEA AB

