



# ARCTIC CLUSTER

## NPA Annual Conference 2018

**SECURE** + **EEBAK** + **GrAB** projects

**Ianire Renobales, Mikko Rintala & Bjørn Reidar Sørensen**

*20<sup>th</sup> of September 2018, Inverness (Scotland)*



Northern Periphery and  
Arctic Programme  
2014–2020



EUROPEAN UNION

Investing in your future  
European Regional Development Fund



Arctic  
Cooperation



## ARCTIC CLUSTER

### Arctic Collaboration to Support More Efficient Dissemination of Arctic Cooperation Project Results

**Arctic Cluster** has been one of the 2 clustering projects approved under **Arctic Collaboration** cross-programme, encouraged & mandated by the **European Commission**.

The cross-programme collaboration is coordinated by the **Northern Periphery and Arctic Programme**.



# Aim

To use **transnational cooperation** to **increase awareness** among **communities** in the **Arctic regions** and transfer good energy practices by disseminating solutions from 3 different Arctic Interreg Programmes:

**SECURE Smarter Energy Communities in Northern & Arctic Regions (NPA)**



Northern Periphery and  
Arctic Programme  
2014-2020



EUROPEAN UNION

Investing in your future  
European Regional Development Fund

**EEBAK Improving Energy Efficiency in Arctic Buildings**  
(Interreg Nord)

Interreg  
Nord

Europeiska regionala utvecklingsfonden



EUROPEISKA UNIONEN

**GrAB Green Arctic Building** (Kolarctic CBC)



# Partnership



15 partner regions from **Europe**, **Canada** and **Russian Federation** that are addressing similar themes and territorial challenges on energy efficiency and renewable solutions for buildings.



# EEBAK – Energy efficiency of buildings in arctic municipalities



# EEBAK – Energy efficiency of buildings in arctic municipalities



# GrAB – Green Arctic Buildings

## The Vision of the project



### Attractive living spaces

- Green buildings, high standards
- Healthy indoor conditions
- Energy efficient and low cost operation

### Attractive urban environments

- Urban development
- Accessible common spaces
- Social environment
- Available services

### Attractive living in the arctic

- Clean air and water
- Growing number of inhabitants
- Economic growth
- Sustainable environment



# GrAB – Green Arctic Building

"Green" and sustainable building to enhance the region's competitiveness, improve the quality of life and support social and economic activity with regard to environmental issues in the development of the Barents Region.

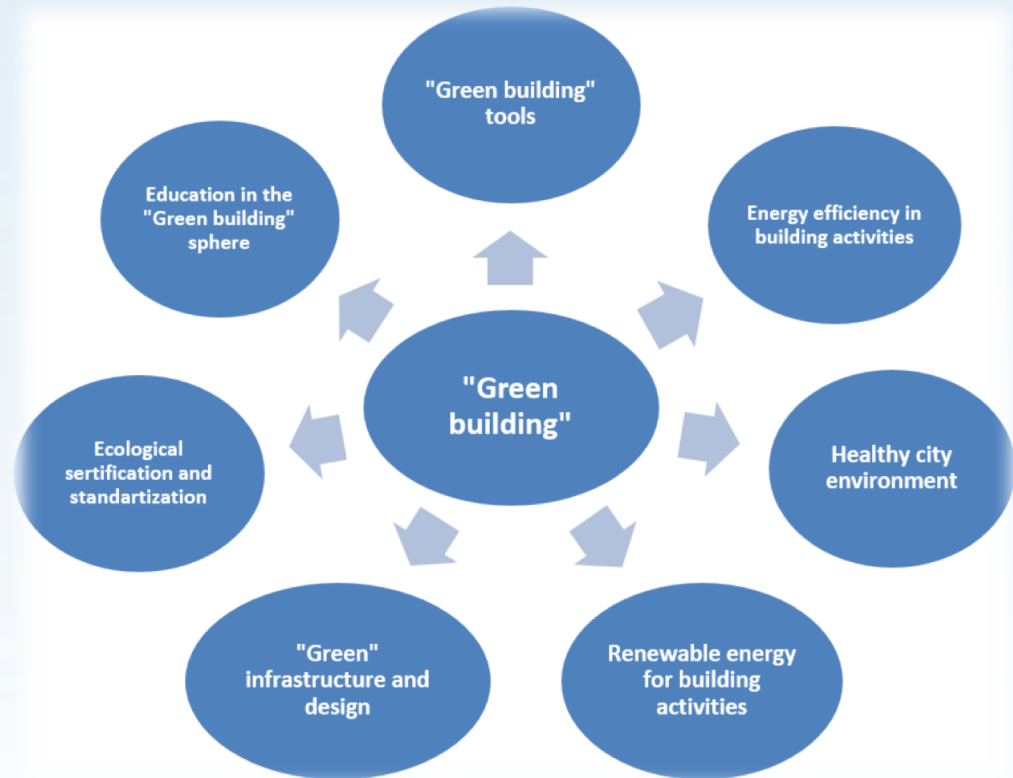
*Green arctic buildings and their impact on living conditions and energy use*

*Urban environmental impact*

*Society outreach and environmental impact*

# GrAB – Green Arctic Building

- Stimulate to "green" building innovations and technologies
- Exchange experiences and support mobility
- Monitor and assess the region's environmental sustainability and improve quality of buildings
- Demonstrate the benefits and capabilities of "green" Arctic building.
- Provide learning space for green building practices and procurement.





- Aims to develop and foster remote communities and **raise** their **capacity** on renewable energy through the promotion of **energy efficiency solutions**.
- One of the main outputs is to develop **5 Smarter Energy Communities** in Ireland, Northern Ireland, Faroe Islands & Sweden.









<http://www.arctic-cluster.eu/>

# ARCTIC CLUSTER



**@ArcticClusterNPA**



**@Arctic\_Cluster**