

Arctic Cooperation Conference

Copenhagen 2019

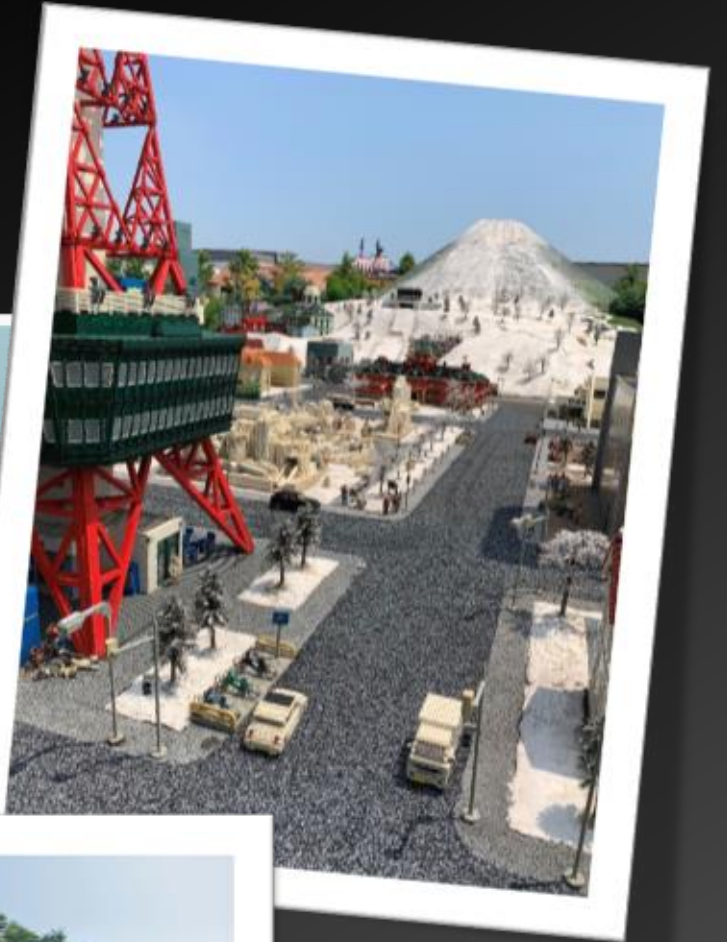


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Kolarctic CBC
EU FINLAND NORWAY RUSSIA SWEDEN





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About the project



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

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

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



Best practices

- Identify **green** technologies and tools suitable for the arctic and sub-arctic climate
- Demonstrate working technologies, methods and tools
- Establish learning platform for green buildings in the north
- Establish learning modules to provide training, and professional development in the field of **green** building
- Develop recommendations for promoting **green** buildings
- Disseminate results and learning outcome to stakeholders and general public

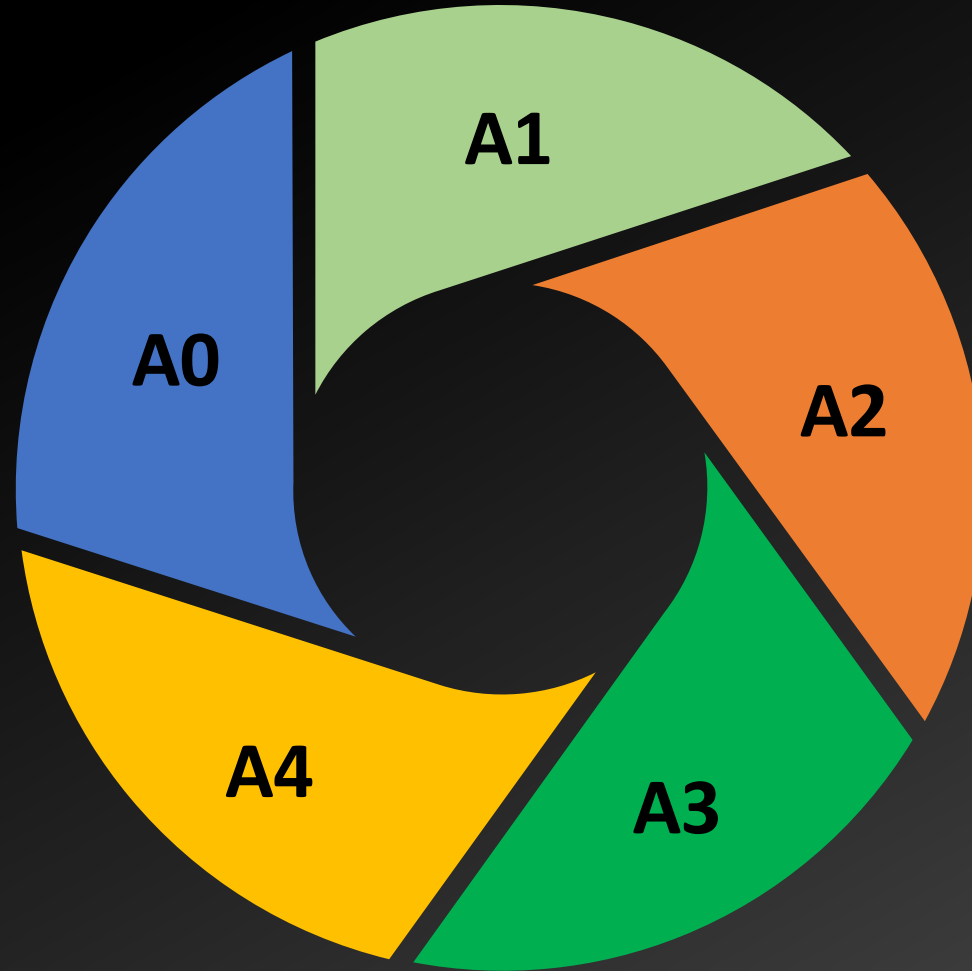


PROJECT MANAGEMENT

- 0.1 Starting the project
- 0.2 Partnership agreement and steering group
- 0.3 Management, coordination and meetings
- 0.4 Organizing events
- 0.5 Financial management
- 0.6 Final project reporting

CAPACITY BUILDING

- 4.1 Education, courses
- 4.2 Training sessions for companies
- 4.3 Green procurement training
- 4.4 Dissemination



GREEN TECHNOLOGIES

- 1.1 Outdoor urban environm. quality
- 1.2 Energy system
- 1.3 Building technology
- 1.4 Indoor environmental quality

COMPARATIVE ANALYSIS

- 2.1 Regulations and standards
- 2.2 Universal design
- 2.3 Conditional assessment
- 2.4 User behavior
- 2.5 Measurements

PILOT PROJECTS

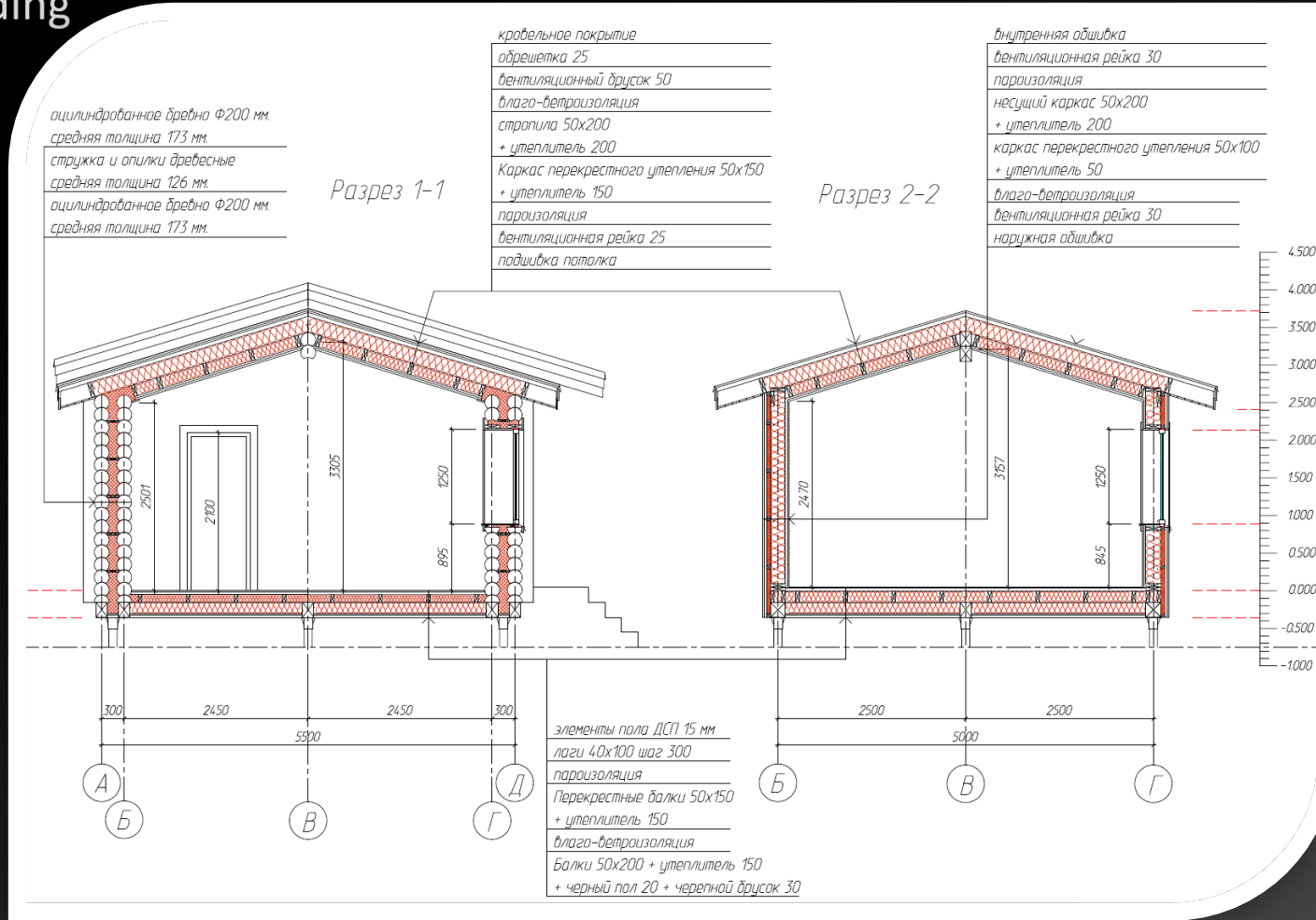
- 3.1 Implementation of A1/2 in pilot projects
- 3.2 Verification of performance
- 3.3 LCA



Green building



Pilot projects



- Murmansk
- Petrozavodsk



How European cooperation benefits the Arctic region



- Why is transnational/cross-border cooperation useful to achieve the expected benefits in the region?
- Why the programme which is funding your project is the most suitable to achieve this kind of results?
- How does cooperation benefit the communities and environment involved?
- What improvements does the cooperation experience bring to the organisations/regions/communities/environment?
- What are the strengths in the Arctic region that Europe need to learn more about?

Why is cross-border cooperation useful to achieve the expected benefits in the region?



- International cooperation enables us to identify and exchange the best available practices in participating countries.
- Important to deepen our knowledge on building concepts in the North, and take on new approaches in creating a friendly urban environment.
- The challenges and problems in the region are often similar. Exchange of experiences and BPS.



Why the programme which is funding your project is the most suitable to achieve this kind of results?



- CB cooperation is important for a positive development of the high north region – low population, large areas, vulnerable nature, hard weather...
- Cooperation in interregional arctic projects is unpolitical. Cross border cooperation is established without particular impact from political climate.
- Kolarctic, in particular, has made our cooperation with Russia to be still strong.
- The implemented projects has a practical and relevant profile.
- The programme has contributed to increased understanding, will to cooperate and unite in the north.



And the next two questions...

How does cooperation benefit the communities and environment involved?

- Sharing of knowledge and solutions
- Access to raw materials, technologies and work force.
- New possibilities for development of businesses and new work places.
- CB project implementation lead to strong and durable cooperation between partners/stakeholders which will have future synergies.
- More focus is given to environmental risks in the region.

What improvements does the cooperation experience bring to the organisations/regions/communities/environment?

- Better knowledge and overview of what is being done.
- New employees and other work relations.
- International perspective and exchange.
- Increased understanding and tolerance of people and traditions.
- Increased transparency.
- More focus is given to environmental risks in the region.



What are the strengths in the Arctic region that Europe needs to learn more about?

- Arctic is a brand!
- This can be used for positive development in a time of global competition for skilled labour, business investments, innovation and growth.
- The resources of the arctic are formidable.
 - Energy
 - Food
 - Minerals
- Arctic is clean and healthy
- Arctic is exotic
- Development of sustainability of the arctic is more important.





Thank you for your attention



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