



### Megatrends in the Arctic

From Disruption to Sustainability:

"The Arctic Region Perspective in a Global Context of Collaboration and Creativity"

Kari Laine Professor, Vice-President Research, University of the Arctic Thule Institute, University of Oulu

### Megatrends in the North/ in the Arctic

1. Increased urbanisation – a global trend also including the Arctic

9. The Arctic as a new player in the global game

8. Increased accessibility provide opportunities as well as new risks

7. Renewable energy will contribute to a "greening" of the economy

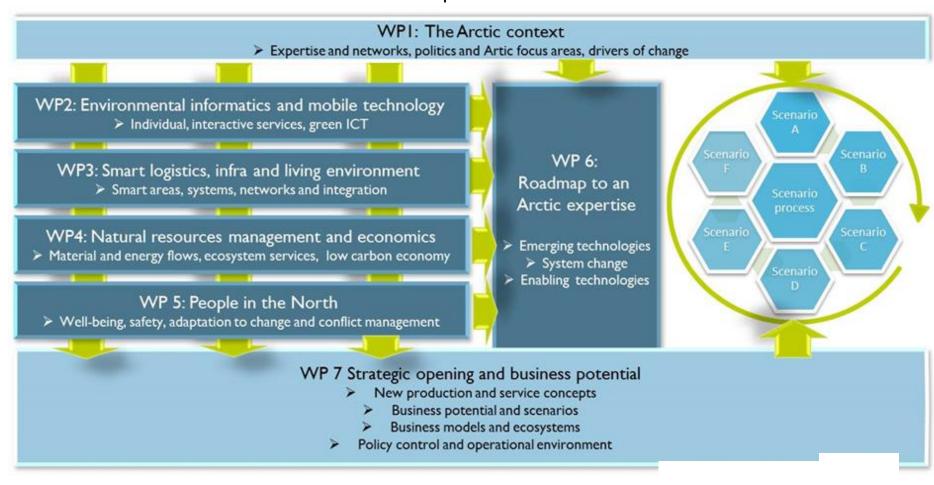


- 2. Demographic challenges the old stay while the young leave
- 3. Continued dependency on transfers and the exploitation of natural resources will continue to dominate the arctic economies
- 4. Continued pollution and ongoing climate change will have a significant impact on the nature and environment of the Arctic
- **5.** The Arctic needs to generate more Human Capital by investing more in its people
- 6. Changes in the nature of interaction between the public and private spheres will impact development

## **SMARCTIC-** Roadmap to a smart Arctic specialization

Tekes - Strategic research opening:

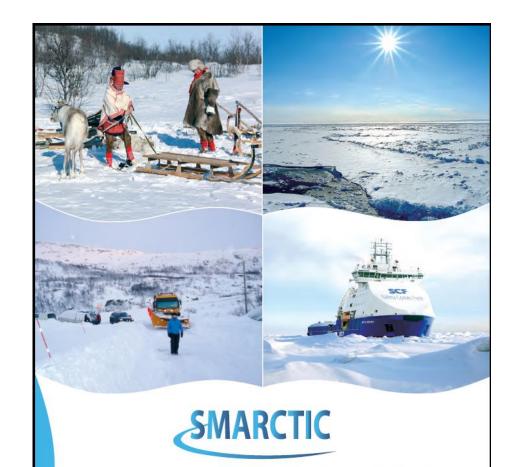
Creation of new knowledge and competences in areas of expertise that expected to be important for businesses in the future











A roadmap to a smart Arctic specialisation

Tekes - Strategic research opening:

Creation of new knowledge and competences in areas of expertise that are expected to be important for businesses in the future



http://issuu.com/hanneleh/docs/smarctic/0

## Dialogue....





Arctic Circle -Breakout session: "What Can Arctic Stakeholders and Researchers Learn from Each

Other?"









**Arctic Science Summit Week (ASSW)** 























# How From Disruption to Sustainability in the Arctic?

#### **SMARCTIC** !!!

Thank You!

