

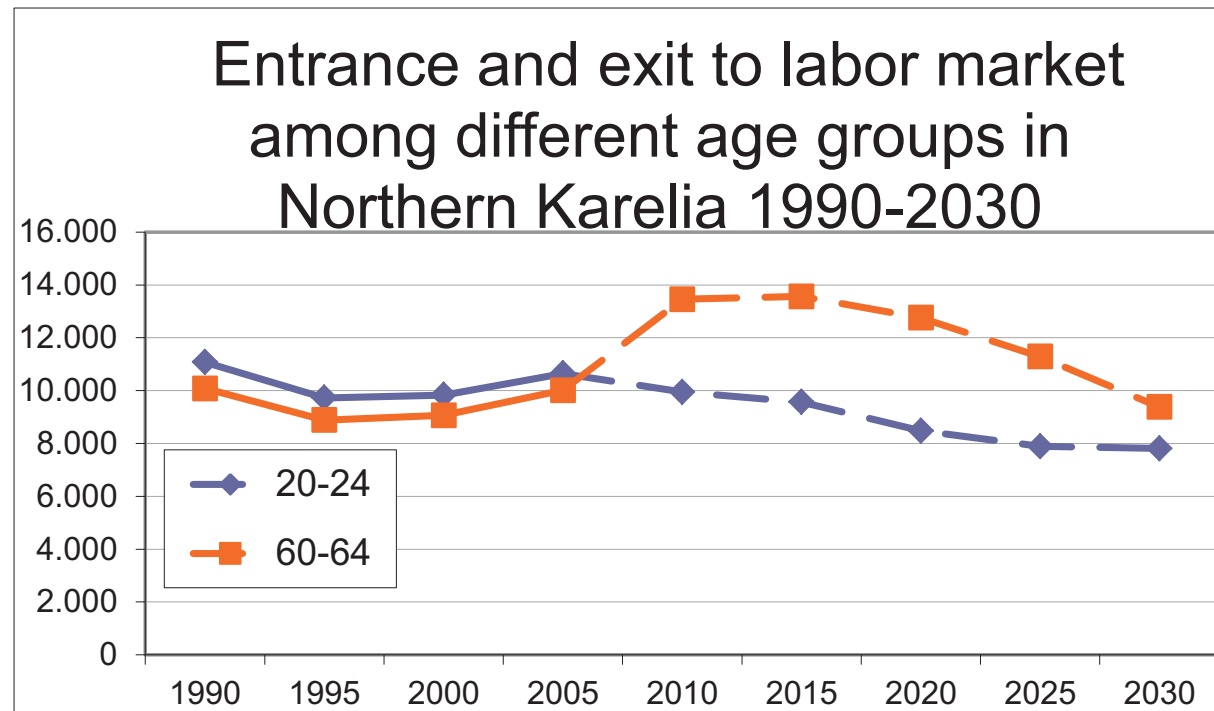


Challenge of demographic change in North Karelia

Ari Tarkiainen, PhD, Senior Project Manager

27th May 2015

Symbios seminar

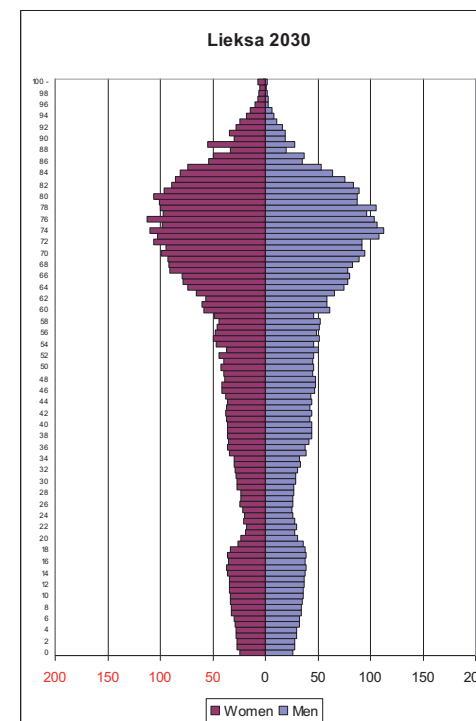
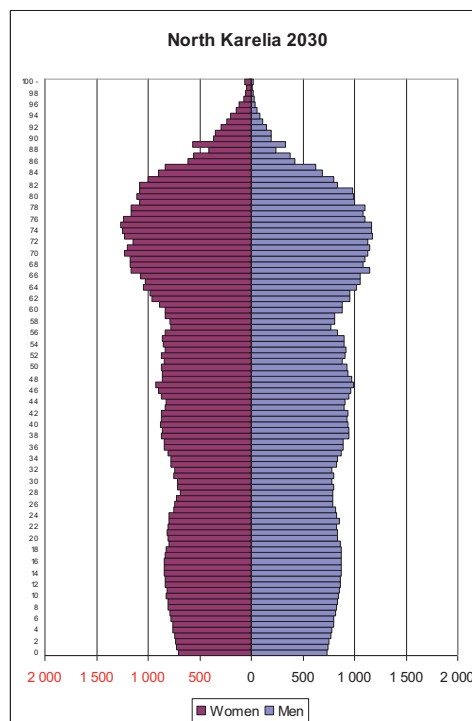
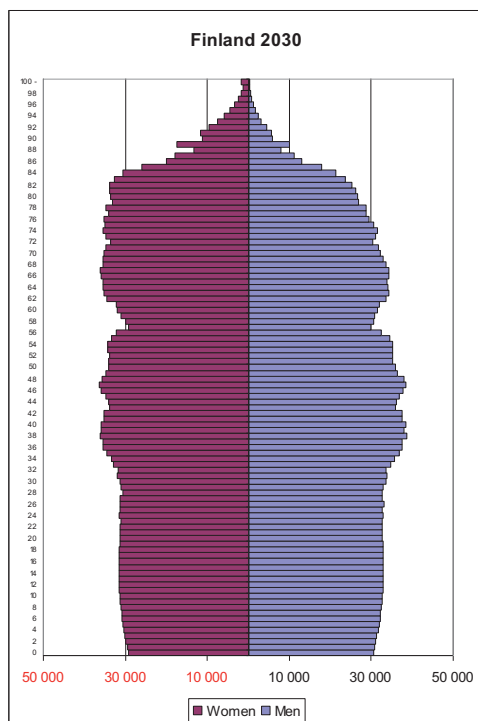


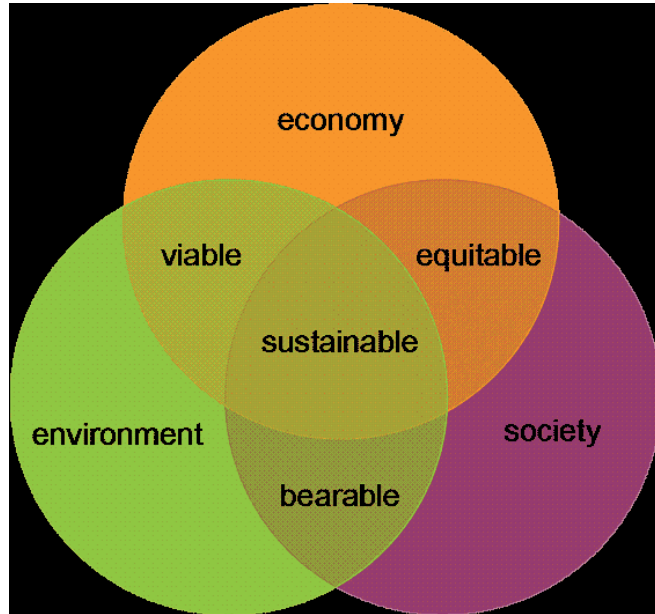
Niiranen, K. 2011



Age and Gender Structure in 2030

According to Population Projection by Statistics Finland 2009

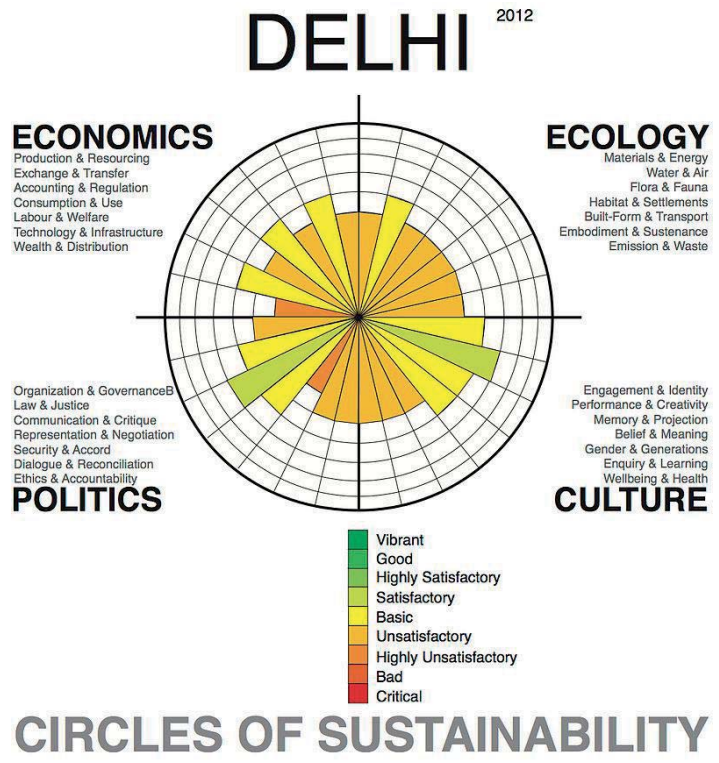
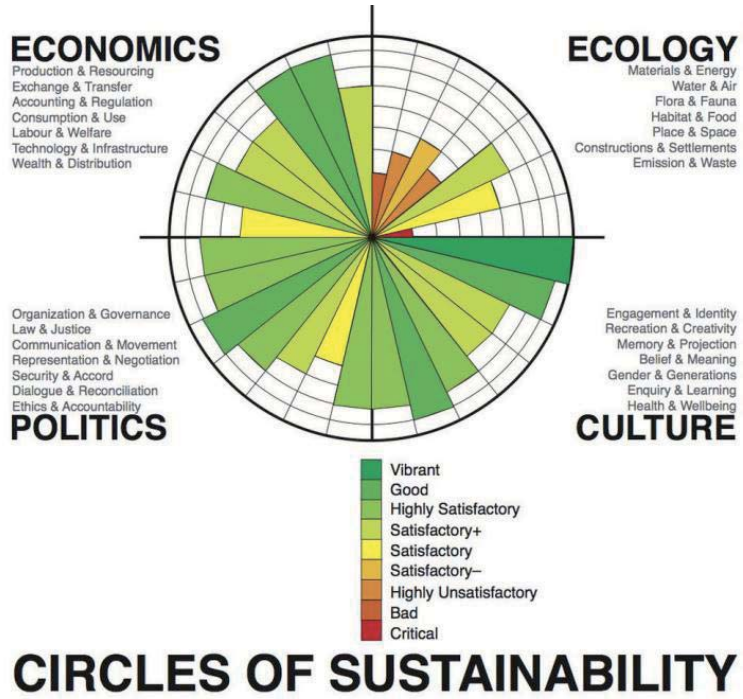




SUSTAINABILITY

- Ecological
- Economic
- Social





Melbourne 2011



Social sustainability (Sen)

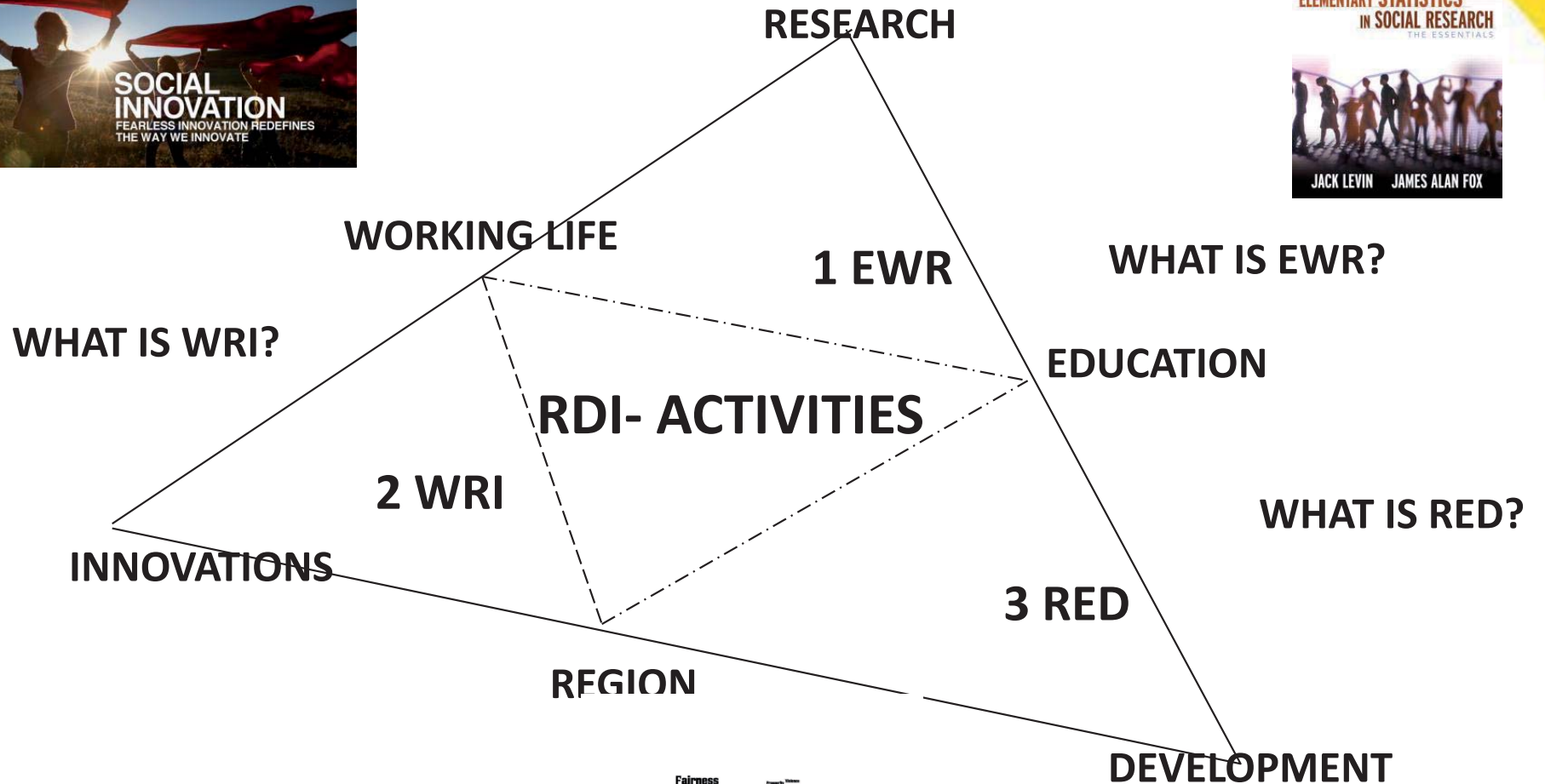
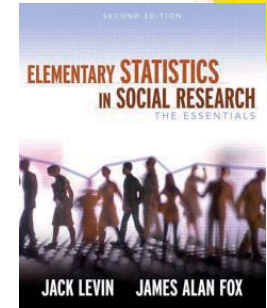
- **Equity** - the community provides equitable opportunities and outcomes for all its members, particularly the poorest and most vulnerable members of the community
- **Diversity** - the community promotes and encourages diversity
- **Interconnected/Social cohesions** - the community provides processes, systems and structures that promote connectedness within and outside the community at the formal, informal and institutional level
- **Quality of life** - the community ensures that basic needs are met and fosters a good quality of life for all members at the individual, group and community level (e.g. health, housing, education, employment, safety)
- **Democracy and governance** - the community provides democratic processes and open and accountable governance structures.
- **Maturity** - the individual accept the responsibility of consistent growth and improvement through broader social attributes (e.g. communication styles, behavioural patterns, indirect education and philosophical explorations)

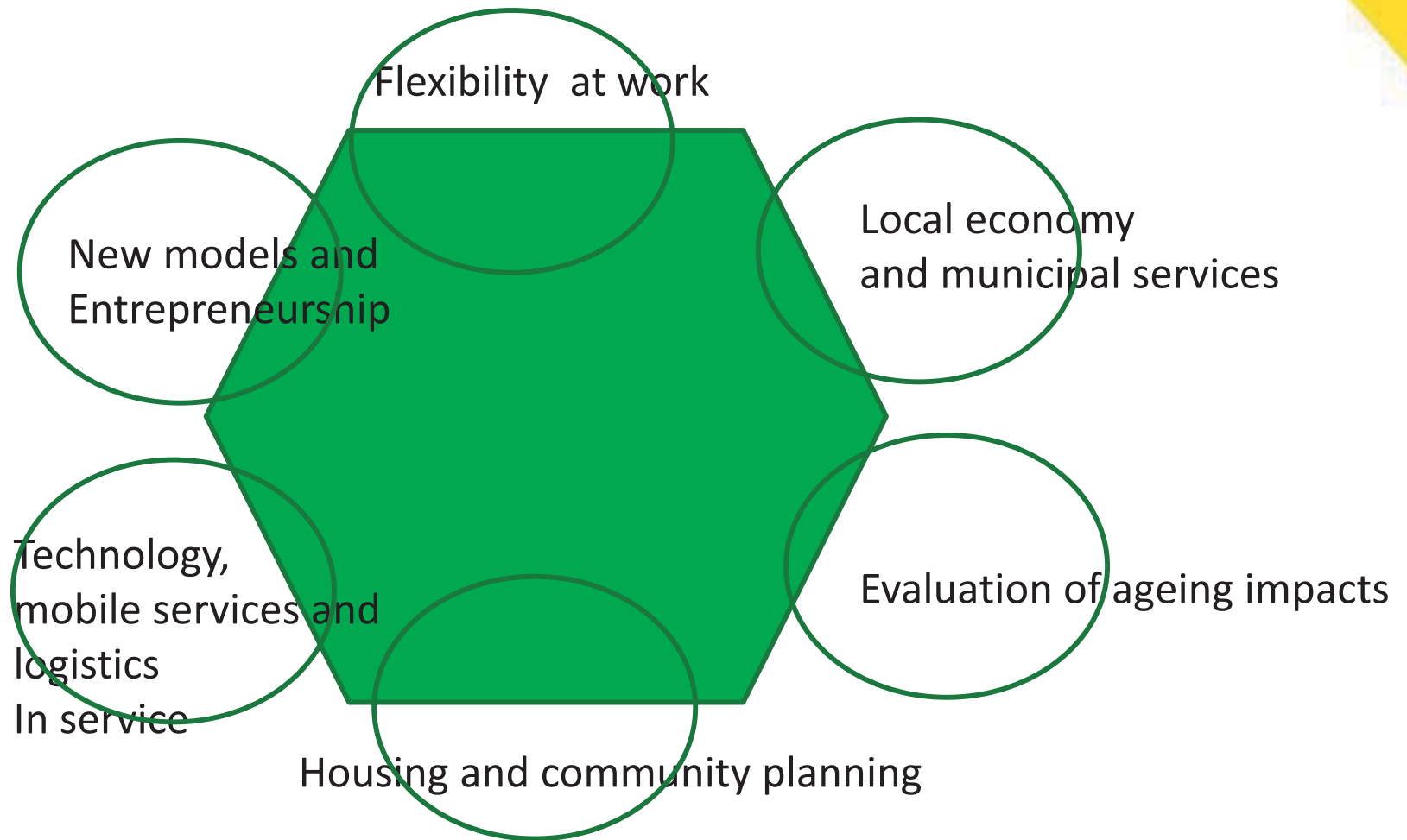


KARELIA UAS

- **Karelia University of Applied Sciences** is a multidisciplinary university of applied sciences located in Eastern Finland. The main areas of operation include education, research, development and innovation activities, service activities and regional development. These activities are carried out in close collaboration with local businesses and industries in North Karelia as well as with national and international partners. Karelia UAS develops the well-being of Eastern Finland as well as social cohesion and competence-based competitiveness in collaboration with regional urban and innovation clusters. The areas of strategic focus at Karelia UAS include renewable energy, competence in ageing, expertise pertaining to Russia, precision engineering, multimedia services and wood construction.







CHALLENGE OF DEMOGRAPHIC CHANGE



**REGION AND
DEVELOPMENT**

**WORK AND
EDUCATION**

RDI



**CITIZENS
USERS
CUSTOMERS**

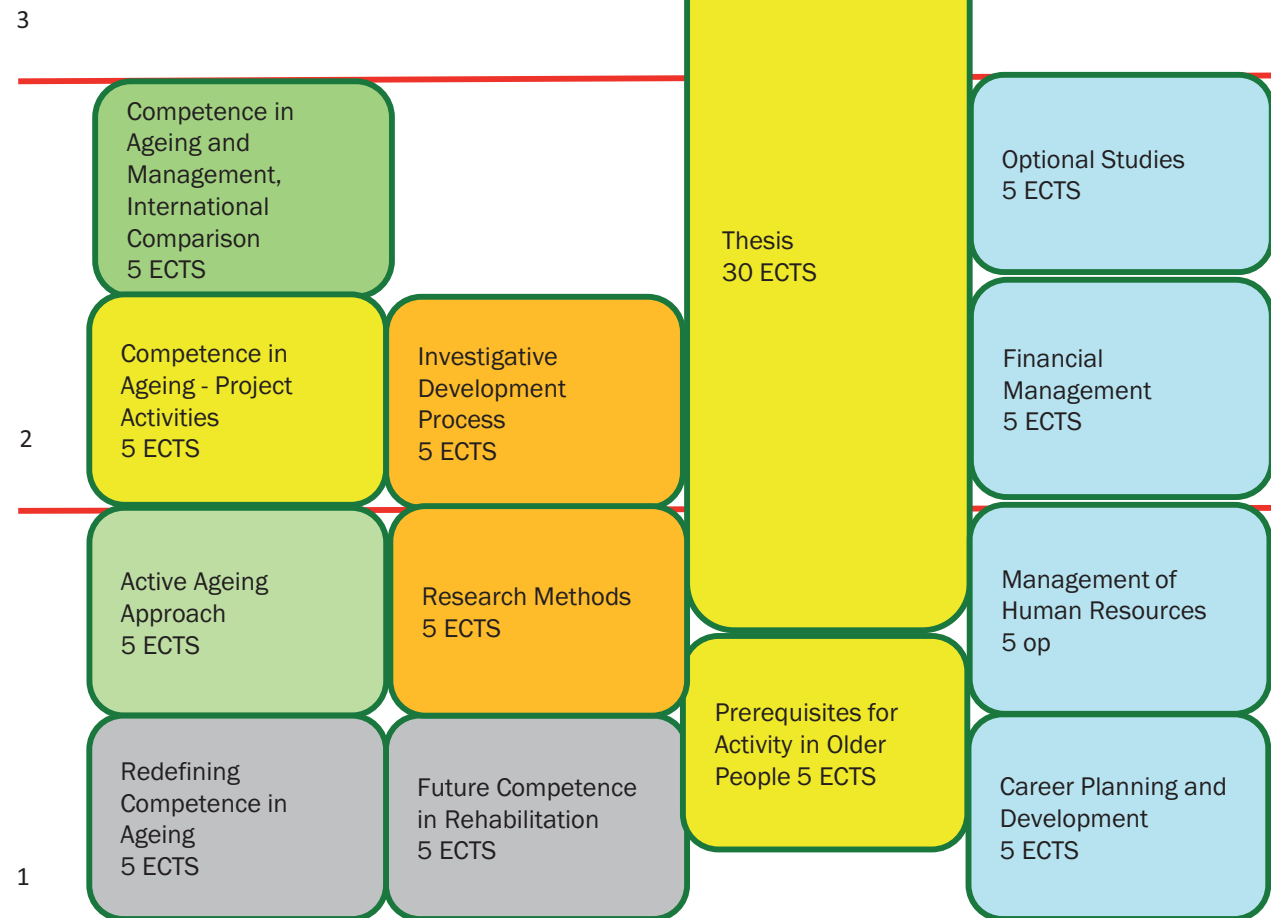
NEW INCLUSIVE LEARNING PLATFORMS AND INNOVATION LABS

www.karelia.fi

Degree Programme in Competence in Ageing (Master's Degree) 2015-

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Liisa Suhonen, PhD, Principal Lecturer, liisa.suhonen@karelia.fi





REFERENCES

- **Examples of our R&D projects:**
- ELLAN – European Later Life Active Network, LLP
- IMMO – Diversified Cooperation in Strengthening Competence in Ageing, ERDF
- AGE 3.0 – Potential of Age Management in Developing Occupational Well-Being and Promoting Late Retirement, ESF
- ABC of Age Learning – Age Learning for North Karelian Client Service, ESF
- HomeCare24 – Developing Around the Clock Home Care through Regional Networks Project, ERDF
- Learning Lab for Accessibility in Built Environment, Karelia ENPI CBC
- HIMA – A Virtual Ideal Home for Senior Citizens as a Learning and Development Environment, ESF
- HILIMA – Business Models for Good Senior Housing, Tekes
- VASKE – Development of Services in Sparsely Populated Areas, ESF
- Social Services on Both Sides of the Border, Karelia ENPI CBC



Karelia UAS has coordinated Northern Periphery Programme and Intelligent Energy Europe projects and participated in several NPP, IEE, FP7, CIP, LLP and EC DG E&I projects. Karelia UAS is a member of the EIP Smart Cities and Communities and the European Network of Living Labs.

THANK YOU!

