
How have other rural regions fostered innovation and regional sustainability?

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Research and innovation strategies for smart specialisation (RIS3)



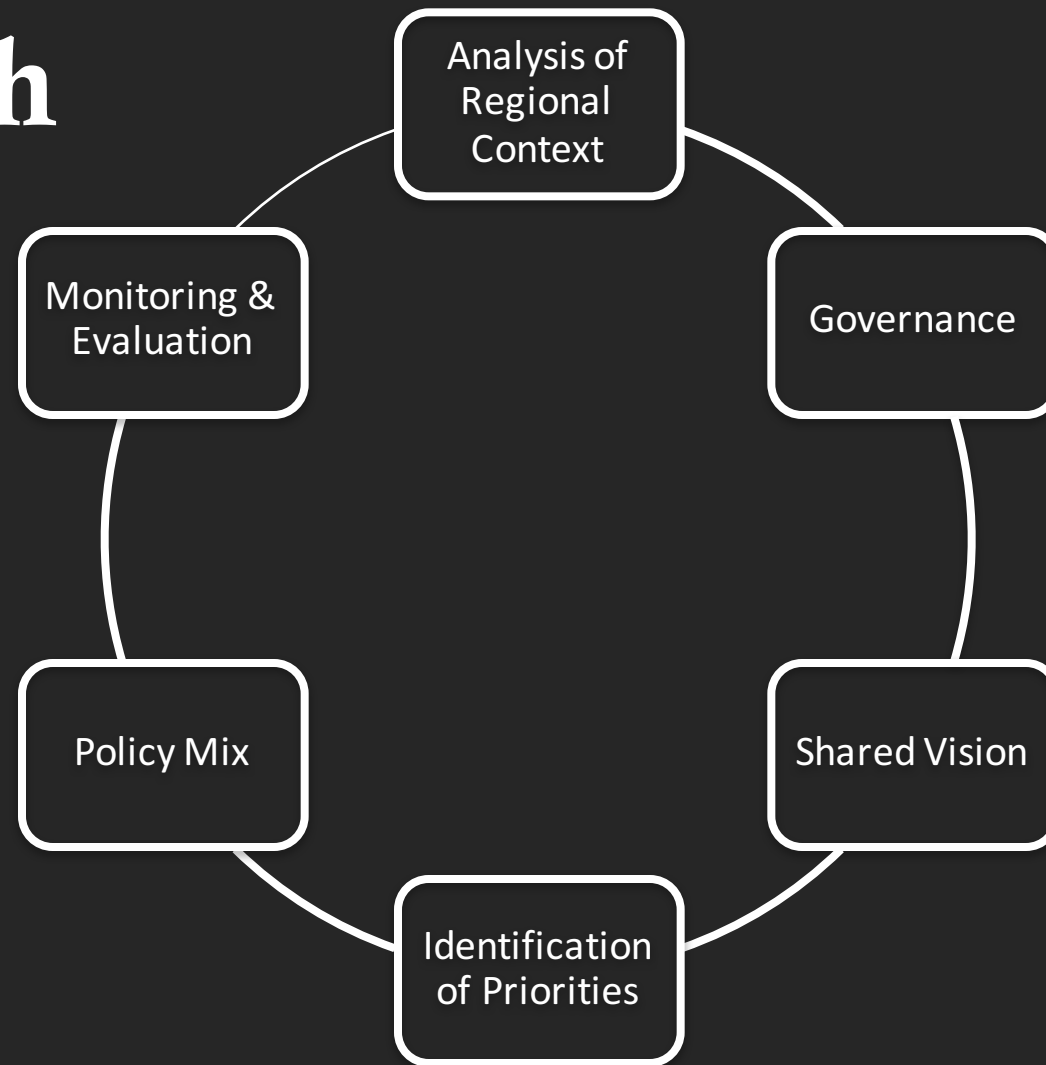
RIS3 are Place-based strategies that

- Build on unique regional assets, competitive advantages and potential for excellence;
- Engage stakeholders and encourages innovation and experimentation;
- Are evidence-based with sound monitoring and evaluation systems;
- Have a broad view of innovation;
- Focus policy support and investments on key regional priorities

Entrepreneurial Discovery Process

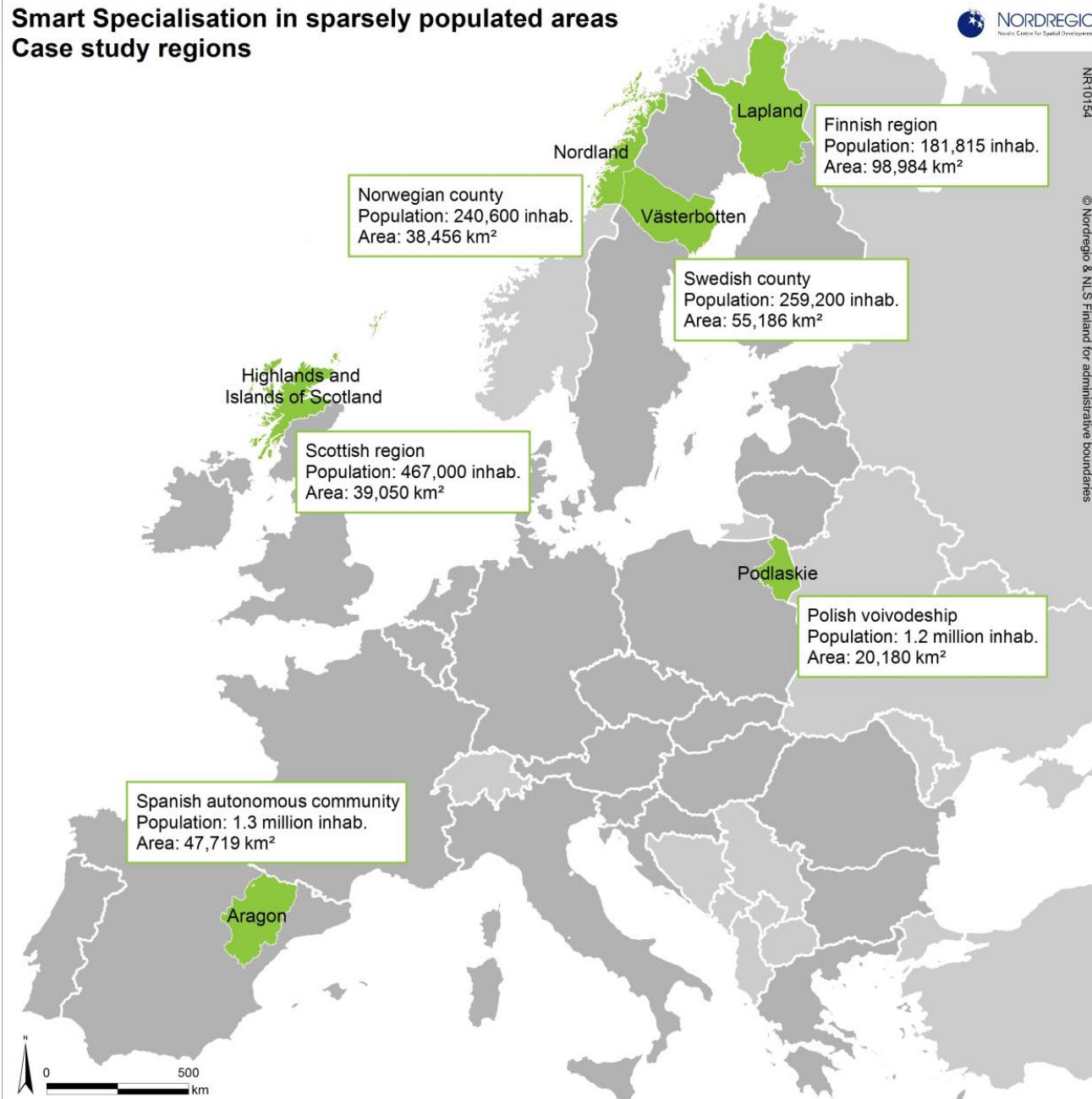
- Utilizing entrepreneurial knowledge that exists in a region
- Taking an entrepreneurial approach
- Involving all types of innovation stakeholders

RIS3 Approach



Source: European Commission 2013

Smart Specialisation in sparsely populated areas Case study regions



Emerging Lessons

- Lack of critical mass can hamper entrepreneurial behaviour
- Lack of mid-range innovative firms
- The role of intermediary organizations
- Mobilizing external resources
- Moving innovation outside university/college towns

Smart Specialization in NL?

Implement Regional Innovation Systems Pilot Projects (Action 1.18)



Story of Survival



Bugøynes, Norway





Population: 230

**Nearest Municipal Centre
is Kirkenses**

**During the 1980s –
population declined by
18%**

**Fishery was/is the main
employer**

Cod Crisis

Action Bugøynes

‘fostering industry and well-being and prosperity of the people’



[PRODUCT](#)[FISHERMEN](#)[TRACKING](#)[ABOUT](#)[PRESS](#)[CONTACT](#)[X](#)

NORWAY KING CRAB

All year round, we catch one of the world's most popular resources, King Crabs. Crabs are supplied to customers all over the world.

Our only product is live King Crabs, and through innovative solutions from fisherman to plate, we are market leaders in this segment. Our fleet consists of small fishing vessels operating along the coast of Finnmark County in northern Norway. Crabs are gently caught in pots and transported alive to our tank facilities, where they are checked and sorted according to quality and size.





YOUR KING CRAB - 1004070



2.430 Kg

SIZE	WEIGHT
XXXLARGE	4+
XXLARGE	3.5 - 4
XLARGE	3 - 3.5
LARGE	2.5 - 3
MEDIUM	2 - 2.5
SMALL	1.6 - 2

Catch date 17.08.2015

Tag no. 1004070

YOUR FISHERMAN



Edgar is an innovative fisherman and pioneer in King Crab fishing. He is at sea in all kinds of weather all-year round and fishes for both fish and King Crabs. Edgar also organizes fishing and crab safaris, where the total experience with catching, preparing, eating, and a floating sauna, and not least enjoying nature, are important elements.

Name	Edgar Olsen
No. of seasons	14
Boat	MISS CROSBY
Crew	1
Largest crab	9.2 kg
Interests	He is a keen hunter, bears and moose. Dances and sings ABBA songs.
Doing fishing tourism	Visit site

CATCH SITE



Finnmark, – the last point linked to land towards the North Pole - has an arctic climate with pure and cold water all year round. In the summer, the sun shines all night and winters are dark with rough weather conditions and nights with fantastic northern lights.

Name	Finnmark
Map	Open map
Distance to North pole	ca. 2000 km
Avg. water temp.	5 °C

Insights for Rural Innovation & Sustainability



- * Build on Local/Regional Assets**
- * Regionalism as a surrogate for critical mass**
- * Foster a culture of innovation/entrepreneurship**
- * All hands on deck**

Luleå Sweden

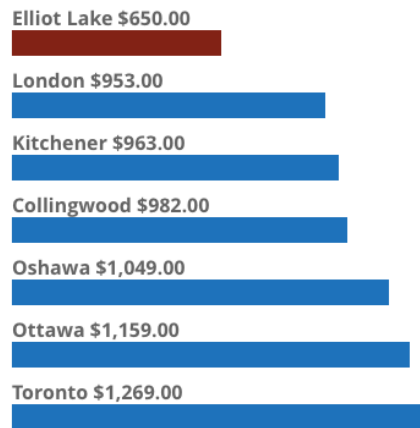
The Node Pole





Offering the most affordable retirement lifestyle in Ontario, with rents **from as little as \$500.00 per month** you can afford to do the things you have always wanted to, in your retirement.

When you compare monthly rents of two bedroom apartments, Elliot Lake is the most affordable in Ontario.



Source CMHC Rental Market Report Spring 2015

Elliot Lake, ON

Afford to Retire



Kirkenes, Norway

Snow Hotel

Economic

e.g. Businesses,
business culture,
income/"money,
charitable giving,
grants, access to
funding, and wealth

Built

e.g. Housing,
buildings,
transportation
infrastructure -bridges
and roads, etc,
telecom and utilities

Natural

e.g. renewable and non-
renewable resources -
air quality, soil, parks,
forests, landscapes,
water, wildlife etc.

Social/Cultural

e.g. groups, networks,
trust, sense of
place/belonging,
festivals and events,
values, language,
rituals,

Human

Our people!!
e.g.
health and educational
services available to
residents to aid in
maintaining and
enhancing human
capital

Political/ Institutional

e.g. local governments,
volunteer fire
departments, media
offices, presence of
senior government
agencies

Regionalism as a surrogate for critical mass

“ ... if you took a pencil in your
hand and you snapped it, it's
easy. But if you put five pencils
in your hand, you can't break
that ”

Key Informant – Stuck Between A
Rock & A Hard Place, Hall 2012

Fostering a culture of innovation/entrepreneurship

“This is the way my father did it, this is the way his father did it, this is how I do it.” - Labrador Straits

Workshop

With few prospects, Northern Peninsula youth say they'll join the exodus

Enrolment at Plum Point school half of what it was 15 years ago

By Terry Roberts, CBC News | Posted: Nov 08, 2016 7:01 AM NT | Last Updated: Nov 08, 2016 7:04 AM NT



Northern Peninsula youth say there's no reason to stay 1:54

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We need all hands on deck



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Thank you!

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