



Smart specialisation in Sweden

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The Swedish Agency for Economic and Regional growth has a governmental assignment to support regions in their work with smart specialization

Smart specialization (S3) is built on multilevel governance and a bottom –up perspective

We have no national strategy – only regional strategies

The national level support the development of regional smart specialisation strategies

Cooperation and dialouge - the ground for the Swedish model of S3

We view clusters as a tool – among other tools - for SME development

Have all regions in Sweden a strategy for smart specialisation?

Source: Studie om smart specialisering i Sverige – David Paulsson, 2019

Category of strategy	Number of regions
A clear strategy for smart specialisation	11
Strategy for smart specialisation under development	6
”Working document”	2
No strategy /other document	2

Smart specialisation - main activities

- ▶ Dialogues and support for the regions
- ▶ Co operation between the regions
- ▶ Cluster program for reaching the companies in the S3-areas



Smart specialisation in program areas

Priority areas in Övre Norrland

- Life science and health
- Test sites for vehicles
- Sustainable energy and clean tech
- Experience economy
- Digital services

Priority areas in Norra Mellansverige

- Smart materials
- Energy efficiency
- Tourism

Priority areas in Västsverige

- Life science and health
- Sustainable transportation
- Sustainable city
- Sustainable production materials
- Green chemistry
- Green growth and tourism

Priority areas in Skåne-Blekinge

- Smart materials
- Smart and sustainable cities
- Health



Priority areas in Mellersta Norrland

- Wood
- ICT
- Sports and Health
- Tourism

Priority areas in Östra Mellansverige

- Sustainable food supply
- Life science with welfare and health
- The energy solutions of tomorrow
- Smart industry

Priority areas in Stockholm

- Sustainable city

Priority areas in Småland och Öarna

- Smart Housing – Wood, glass, IT and design
- (Tourism, Food)

Smart specialisering in Swedish Regions – *constantly updated*

Norrbotten

- Naturbaserad ekonomi
- Besöksnäring-utv
- KKN-utv
- Rymden-utv
- Arktiska tester-utv
- Energiteknik-utv

Jämtland-Härjedalen

- Entreprenördrivet
- Sport, turism, outdoor
- Tillverkande industri
- Företagsnära tjänster

Västmanland

- Automation
- Energi
- Järnväg
- Valfärd och hälsa

Västerbotten

- Digital services
- Health and medical care
- Life Science
- Test activities
- Energy and environmental engineering
- Experience industry

Västernorrland

- Skog
- IT

Dalarna

- Upplevelseproduktion
- Energieffektivt samhällsbyggande
- Avancerad Industri
- Hälsa & välfärd

Värmland

- Bio economy
- Digitalisation of health services
- Advanced manufacturing
- Visiting industry/digitalisation
- System solutions of solar energy

Örebro

- Autonoma digitaliserade intelligenta system
- Livsmedel i skärningen hållbarhet, hälsa, miljö & måltid

Jönköping

- Attityder för innovationer
- Effektiva processer för innovation
- Samverkan för innovation

Gävleborg

- Materialteknologi och hållbar produktion
- Smarta hållbara städer/samhällen
- Hållbart inkluderande arbetsliv
- Bioekonomi
- Digitala tjänster/processer

Uppsala

- Life science
- Energi/miljö
- Avancerad produktion
- Tech-branschen
- Gröna näringar
- Besöksnäring

Stockholm

- Hälsa vård, omsorg
- Gröna transporter/bostäder
- Avancerad produktion/material

Västra Götaland

- Life science
- Sustainable transports
- Green Chemistry
- Textile
- Maritime environments
- Material

Kronoberg

- Hållbart boende
- Konkurrenskraftig produktion

Södermanland

- Avancerad tillverkning för krävande miljöer
- Biobaserade näringar; hållbar produktion och effektiv distribution
- Verksamhetsnära digitala tjänster

Halland

- Hälsa
- Grön tillväxt
- Besöksnäring
- IT

Skåne

- Tech
- Life science and health
- Manufacturing
- Sustainable cities
- ESS, MAX IV and the innovation system Science

Blekinge

- ICT
- Digitalisering
- Materialbearbetning

Östergötland

- Effektiv logistik
- Affärsmodeller för hållbara systemlösningar
- Smarta, säkra och uppkopplade produkter/system
- Simulering & visualisering
- Avancerade material

Gotland

- Besöksnäring
- Livsmedel

Kalmar

- Boende
- Livsmedel
- Besöksnäring



Design Principles for RIS3

1. ANALYSIS: discovery of the socio-economic and innovation engines of regional growth, competitive advantages & weaknesses
2. MAKE CHOICES: identify a limited set of priorities for development where to concentrate investment
3. STAKEHOLDERS' INVOLVEMENT: setting priorities should be an inclusive and interactive process centred on *entrepreneurial discovery*
4. BROAD VIEW OF INNOVATION: support technological as well as practice-based and social innovation
5. POLICY MIX: stakeholder group should identify a relevant policy mix for the development of the priority area, and alignment of stakeholder activities
6. MONITORING AND EVALUATION: feeding back information into the policy cycle and allowing strategy revision



RIS3 Guide of the European Commission
With contributions of D. Foray, P. McCann,
J. Goddard, K. Morgan, C. Nauwelaers

S3 Implementation Handbook
With contributions of D. Foray, K. Morgan, C.
Nauwelaers, Å. Mariussen, C. Gianelle, C and A.
Kleibrink.

Available on the S3 Platform webpage
<http://s3platform.jrc.ec.europa.eu>

related to regional smart specialisation strategies

