



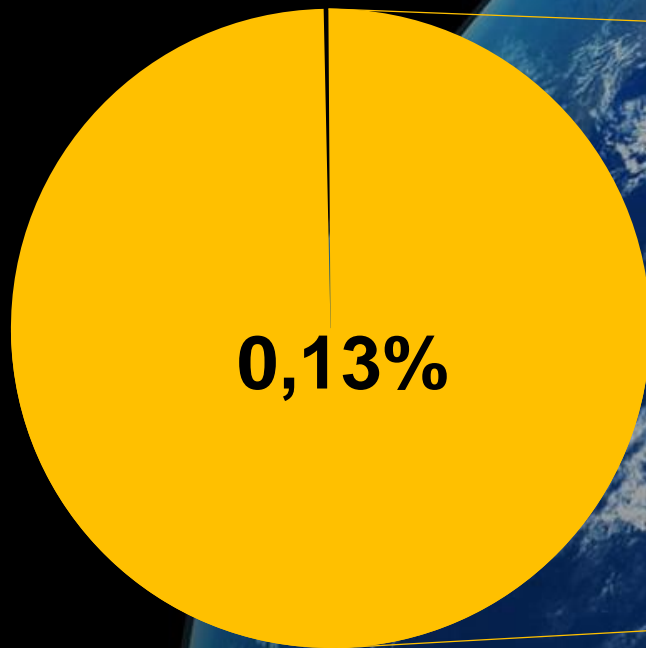
**Ensuring societally relevant  
research and innovation**

# **Challenge-driven Innovation Programme**

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# Openness and curiosity







A long tradition of innovation





# Encouraging creativity







**Tech savvy early adopters**

**Samverkan =**  
**Public engagement**

The graphic is a circular emblem. The center is a solid green semi-circle. Surrounding this is a white border that contains a variety of black icons. Starting from the top and moving clockwise, the icons include: a cluster of modern skyscrapers, a person with arms raised in a celebratory gesture, a house with a chimney, a person running, a solar panel array, a tree, a house, a bicycle, a tree, a car, a person walking, another house, and another tree. The overall theme is sustainable urban development and innovation.

# **Challenge Driven Innovation Programme**





**CHALLENGE**  
Competitive  
Industries



**CHALLENGE**  
Sustainable  
Attractive  
Cities



**CHALLENGE**  
Information  
Society



**CHALLENGE**  
Future  
Healthcare



# Collaboration involving end-users

Research institutes

Industry

Civil society  
organisations

Universities

Municipalities



# Evaluation criteria

- Critical need in society and the business sector
- International business potential and social benefit,
- Involving end-users, customers and other relevant stakeholders in the process,
- Promote stimulate collaboration and interaction between the actors needed for successful utilisation,



# Programme stages

1

## INITIATION

Development of  
concept and  
consortium

2

## COLLABORATION

Development and  
testing of solutions.

3

## IMPLEMENTATION

Full-scale testing and  
implementation.

# Future operator

- Declining productivity, a lack of ergonomics, high labor costs, difficulties in attracting young people
- Powerful, mobile, information technology tools that assume future operators already
- Industrial companies (engineering, mining, automotive, steel, medtech), consulting companies, two universities, technical colleges, software companies

CHALLENGE 2012-2014  
Competitive  
Industries

STEP



VINNOVA



# School for all, from the first day in the new country

CHALLENGE 2015-2017  
Information Society  
STEP



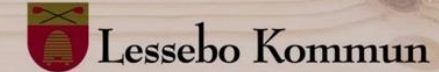
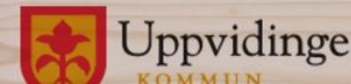
Many immigrant students do not achieve high school eligibility and end up in exclusion



Digital multi-language teaching materials that newly arrived students can use from the first day of the Swedish school



Teaching materials publishers, institute, universities, technology companies, municipalities and schools



VINNOVA

# Elmob – electrified mobility in Gothenburg



Sustainable and flexible passenger transport in urban areas



Develop coherent and electrified mobility services: bikes, cars, taxis and buses



City of Gothenburg, traffic offices, real estate agencies, automotive industry, service providers and academia

CHALLENGE 2014-2016  
Sustainable Attractive  
Cities


STEP






# Patient Journey

 Poor communication in healthcare processes

 A patient centric IT-platform that reduces costs and enables innovation through third party vendors

 Counties and regions, universities, developers, medtech companies, software firms and service providers

CHALLENGE 2014-2016

Future  
Healthcare

STEP



VINNOVA



## **RRI-Tools – Fostering Responsible Research & Innovation**

A platform with digital resources to advocate, train, disseminate and implement Responsible Research and Innovation in Horizon 2020.

<http://www.rri-tools.eu/>



# SiS.net – Network of National Contact Points for Science with and for Society in Horizon 2020





## What can we do for you?

- Information on Swafs & RRI funding opportunities in Horizon 2020.
- Increase dialogue and collaboration between Science with and for Society stakeholders
- Enhance the visibility of the Science with and for society programme aims, opportunities and results.



Find out more and follow us at:

SiSnetwork.eu  Sisnetwork  @SiSnetNCP



# Thank you



**Sweden's Innovation Agency**

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