

# Nordiske samarbeid ?

## - om innovative offentlige anskaffelser finansiert gjennom Horisont 2020

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26.09.2018





# Relevante instrumenter i Horisont 2020 for offentlig sektor aktører

## Forsknings- og innovasjonsprosjekter:

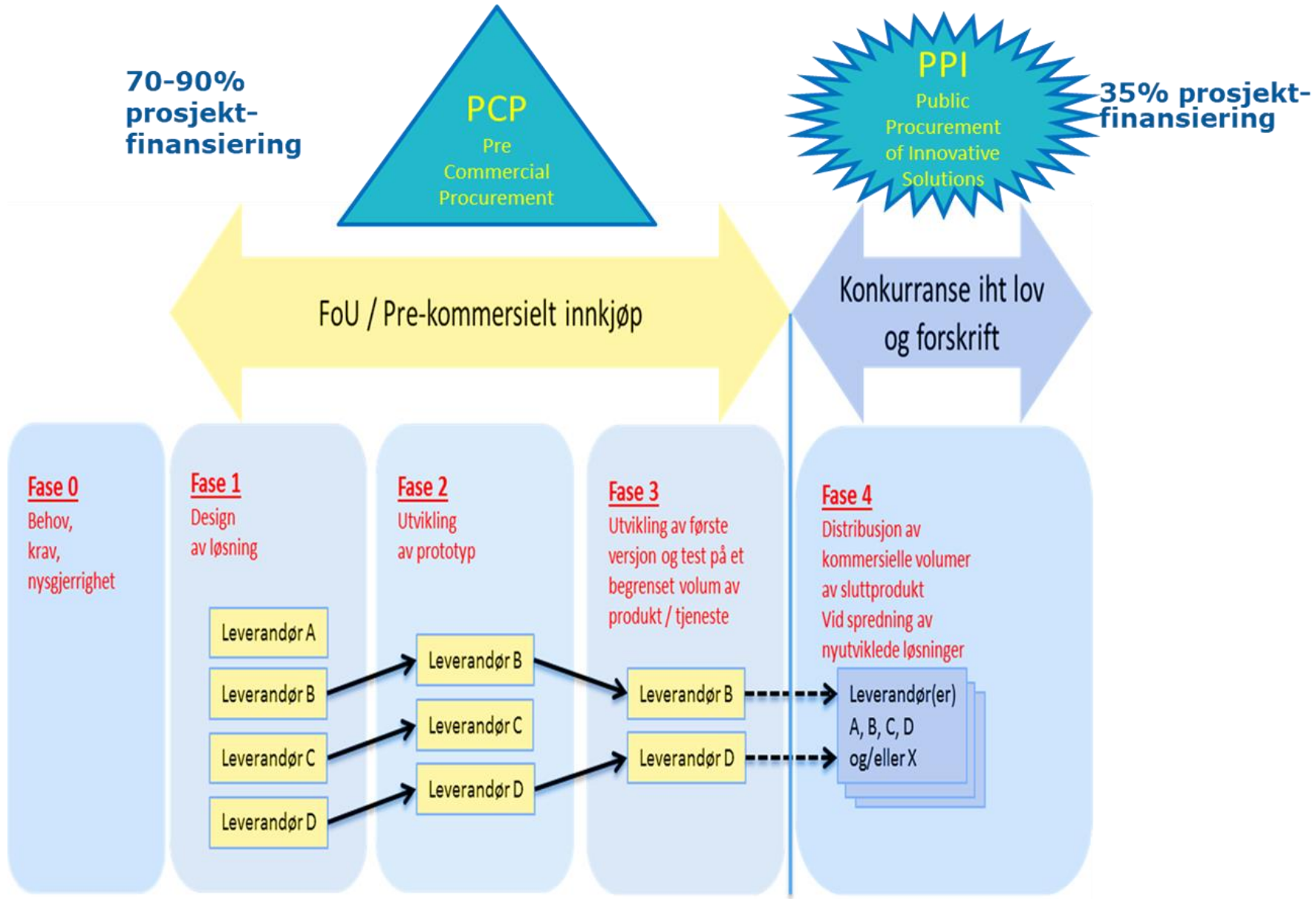
- Research and Innovation Action (RIA)
- Innovation Action (IA)

## Koordinerings- og støtteprosjekter:

- Coordination and Support Action (CSA)

## Innovative anskaffelses prosjekter:

- Pre Commercial Procurement (PCP) – (med 70-90% finansiering)
- Public Procurement of Innovative solutions (PPI) – (med 35% finansiering)





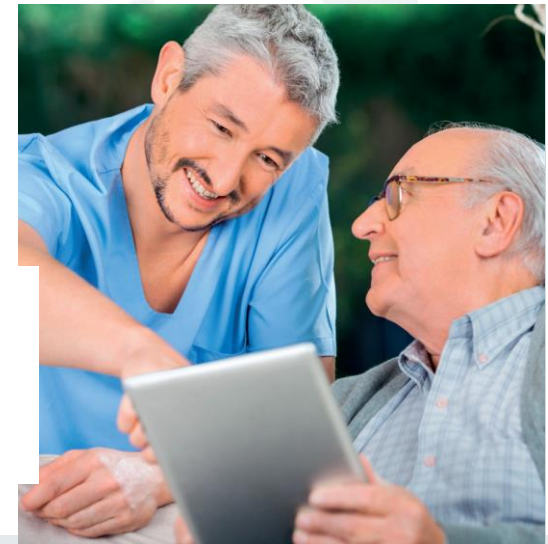
# Empattics – enabling self-management of treatment of chronic diseases

## Services to three types of chronic diseases:

- Diabetes
- Chronic obstructive pulmonary disease (COPD)
- Cardiac insufficiency

## Procuring partners:

- Health Knowledge Agency (ACIS), Galician
- Health Ministry, Region Midtjylland (CDR),
- The Public Health Service of Aragón (SALUD),
- Groupment de Cooperation Sanitaire pour le Developpement des Systemes D'Information partages en Ile de Franc (GCS D-SISIF)





**N° OF SELECTED PROPOSALS:**  
Up to 6

**BUDGET:**  
€ 250.000 (41.666,67 per bidder)

**DURATION:**  
5 months

**EXPECTED OUTPUT:**

Feasibility study:  
technology description,  
first solution design,  
organizational plan

cost benefit analysis

impact analysis on the patients  
and eHealth system

## PHASE 1 SOLUTION DESIGN



**N° OF SELECTED PROPOSALS:**  
Up to 3

**BUDGET:**  
€ 1.550.000 (516.666,67 per bidder)

**DURATION:**  
9 months

**EXPECTED OUTPUT:**

testing and validation

cost-benefit analysis

## PHASE 3 VALIDATION & TESTING



**N° OF SELECTED PROPOSALS:**  
Up to 4

**BUDGET:**  
€ 1.000.000 (250.000 per bidder)

**DURATION:**  
9 months

**EXPECTED OUTPUT:**

prototype  
cost benefit analysis  
limited production  
and testing plan

## PHASE 2 PROTOTYPING





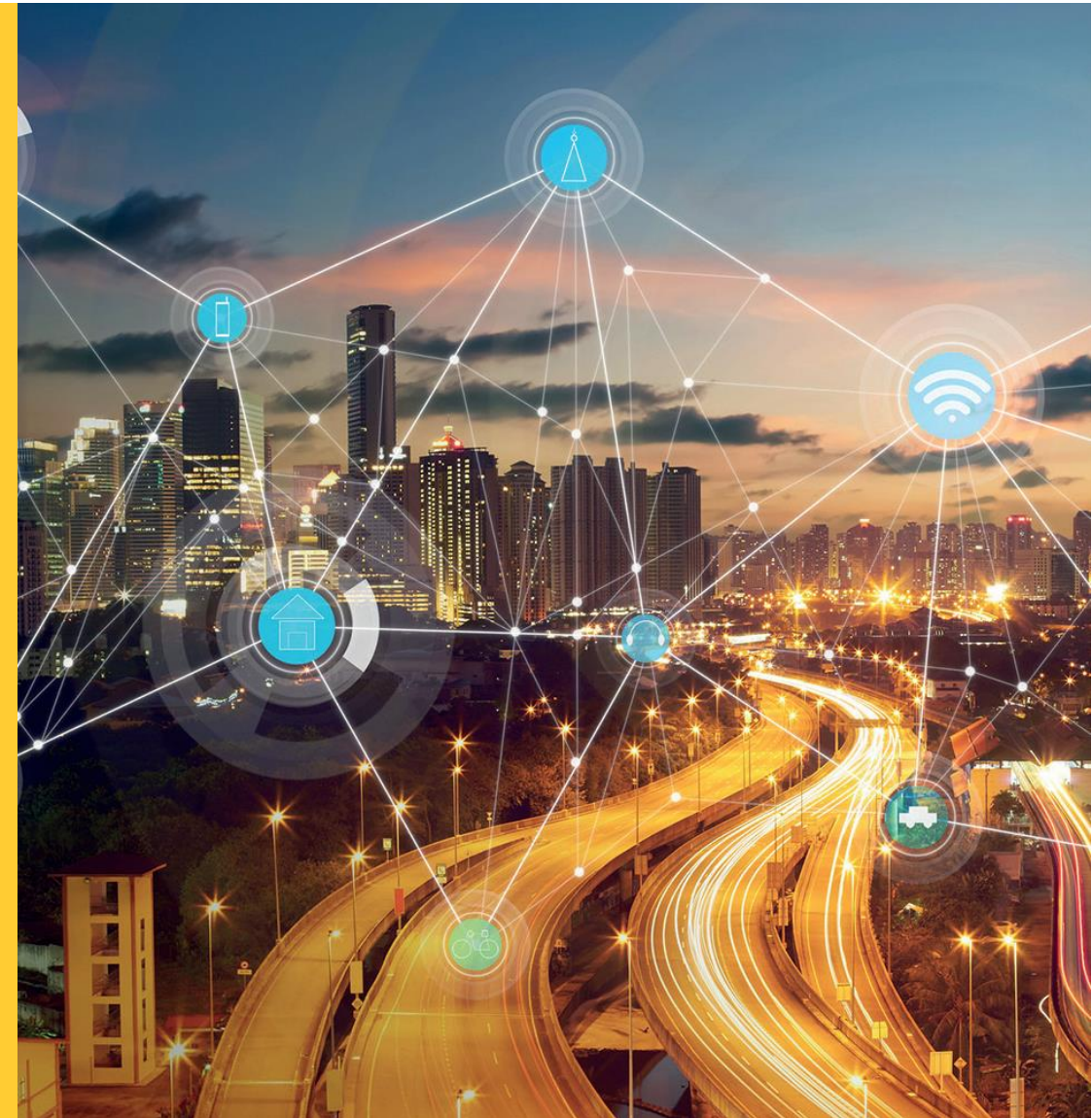
# Finansiering av innovative anskaffelser for bedre helse- og velferdsteknologiske løsninger og for bedre forskningsinfrastruktur

Topic	Action	Beskrivelse	Åpner	Frist	Busjett
SC1-HCO-12-2018	CSA	Innovation in healthcare - a CSA towards using pre-commercial procurement and public procurement of innovative solutions in healthcare systems	7. november 2017	18. april 2018	Mellom: 1,5-2M Euro pr prosjekt Totalt: 2M Euro
SC1-DTH-10-2019-2020	PCP	Digital health and care services	26. juli 2018	14. nov. 2018	Mellom 5-6M Euro pr prosjekt Totalt: 22M Euro
SC1-BHC-10-2019	PCP	Innovation Procurement: Next generation sequencing (NGS) for routine diagnosis	03. Juli 2018	16. April 2019	Mellom 9-11M Euro pr prosjekt Totalt: 40M Euro
SC1-DTH-05-2019	PPI	Large scale implementation of digital innovation for health and care in an ageing society	16. oktober 2018	24. april 2019	Mellom 2-5M Euro pr prosjekt Totalt: 10M Euro
SC1-BHC-20-2020	PPI	Infection & integrated care	?	2020	?
INFRAEDI-04-2020	PPI	Innovative HPC systems	?	2020	?



# SELECT for Cities

Enabling large-scale co-creation,  
testing and validation of urban  
IoE applications and services





# The Challenge

The SELECT for Cities competition is built around the premise that cities across the world are seeking new methods, technology and tools to foster open innovation to solve challenges, create value for their citizens and business, and to become **'smart cities'**.

**Internet of Everything (IoE)** is one of the dominant drivers transforming the way people manage and live in urban environments. This new connected approach involves physical spaces as well as objects and provides a massive opportunity for the creation of new smart services and businesses especially in the areas of logistics, transport, environment, security and wellbeing. However, IoE progress to date has been slow due to a number of barriers such as the lack of common standards, a fragmented marketplace, and lack of ways to systematically test and introduce new solutions in the cities.

To combat this challenge, and accelerate innovation, the SELECT project lays forth a competition open to all European companies to **develop an open, standardized, data-driven, service-oriented and user-centric platform** that enables large-scale co-creation, testing and validation of urban IoE applications and services.

Further details about the challenge and the competition cities - Antwerp, Copenhagen and Helsinki - are provided via the boxes below.



## SMART VISION

Detailed vision for the IoE platform created by the competition cities

[Read More >](#)



## PLATFORM AMBITION

The technical wishlist for the platform

[Read More >](#)



## USE CASES

Each competition city - Antwerp, Copenhagen & Helsinki - presents its use case to highlight how the platform will be used



## CONSULTATION

The results of a European wide consultation on the competition aims

[Read More >](#)





# Finansiering av innovative anskaffelser for digitalisering på et valgfritt fagområde og for bedre energi-, krisehåndterings- & sikkerhetsløsninger

Topic	Action	Beskrivelse	Åpner	Frist	Busjett
ICT-34-2018-2019	PCP	Pre-Commercial Procurement open (OBS Gjelder IKT relaterte emner!)	31. oktober 2017 16. oktober 2018	17. april 2018 28. mars 2019	For begge år - Opp til 6M Euro pr prosjekt. - Totalt: 6M Euro
SU-GM02-2018	CSA	Strategic pre-commercial procurements of innovative, advanced systems to support security	15. mars 2018	23. aug 2019	1M Euro pr prosjekt totalt 6M Euro
SU-GM02-2020	PCP	Strategic pre-commercial procurements of innovative, advanced systems to support security	?	2020	?
SU-GM03-2018-2019-2020	PCP	Pre-commercial procurements of innovative solutions to enhance security	15. mars 2018 14. mars 2019	23.aug 2018 22. aug 2019	For 2018/2019 2-12M Euro pr prosjekt (men totalt 7-8 M Euro pr år)
LC-SC3-RES-10-2020	PCP	100% renewable energy	?	2020	?
LC-CLA-13-2020	PCP	Solutions for climate change resilience	?	2020	?



# PROGRAM

Horizon 2020 Smart Cities and Communities  
Thursday September 27th

[Tuesday 25th Sept](#)

[Wednesday 26th Sept](#)

**Thursday 27th Sept**

09:00 - 16:00

**PROGRAM SESSIONS**

09:00 – 11:00

[Smart City and Community \(SCC01\)](#)

09:00 – 11:00

[First Outcomes and Success Factors of Triangulum, GrowSmarter and Remourban](#)

11:00 – 12:30

[Business Models and Finance Task Groups](#)

13:30 – 14:30

[Communication – How to make «invisible» projects visible](#)

14:30 – 16:00

[Urban Data Platforms](#)

14:00 - 16:00

**WORKSHOP**

14:00 – 16:00

[Workshop: How to Find Funding Opportunities in Horizon 2020](#)

Co-organiser: The Research Council of Norway



# WORKSHOP: HOW TO FIND FUNDING OPPORTUNITIES IN HORIZON 2020

28.09.2018

11

Do you consider to participate in Horizon 2020? Meet with advisors from the Research Council of Norway and explore some of the Smart City opportunities.

A workshop for cities and regions, companies, NGOs and researchers. The workshop will provide a general introduction to the Horizon 2020 research and innovation programme, before participants will be organised in groups according to your interests.

Each of the groups will be chaired by thematic advisors (NCPs) from the Research Council of Norway.

Smart City opportunities is found in various parts of the Horizon 2020 programme. Information on some relevant topics within areas like health, energy, climate, transport, society, security and ICT can be found under the TOPICS fan in the registration form.

## [SIGN UP](#)

Please read the topic descriptions (in the sign up form) before ticking off your interest in the registration form. Choose minimum 1 and maximum 3 topics.

**Date:** September 27th - Horizon 2020 - Parallel Session

**Time:** 14:00 – 16:00

**Location:** Preikestolen, ground floor conference centre

**Co-organiser:** The Research Council of Norway



## How to realize your SMART ideas with Horizon 2020

Registration form

Topics

### Topics

*Read this before choosing your topics in the registration form:*

### Societal Challenge 1: Health, demographic change and wellbeing

**HEALTH 1: SC1-DTH-10-2019-2020: Digital health and care services**

Scope: Support the health and care service provider to procure the development, testing and implementation of digital services and communication concepts that can facilitate the transition to integrated care models across health and social services and country-specific cross-institutional set-ups, including decentralised procurement environments and collaboration across institutions. Key challenges that could be addressed are patient empowerment, self-management, patient safety, patient involvement, chronic disease management, diagnosing, home-care logistics, hospital logistics, skills and independent living. These challenges could be addressed by applicable ICT domains e.g., telemedicine, mHealth, IoT, shared open source IT-based platforms, etc. as will be defined in the market consultation process.

The procurers, hospital clusters, care services providers and other parts of the regional ecosystems should be enabled to share knowledge, test results and needs to better coordinate the primary and community care towards more local responsibility for care services, monitoring and rehabilitation.

Type of Action: Pre-Commercial Procurement

### Societal Challenge 3: Secure, clean and efficient energy

**ENERGY 1: LC-SC3-EE-1-2018-2019-2020: Decarbonisation of the EU building stock: innovative approaches and affordable solutions changing the market for buildings renovation**

Specific Challenge: The market for deep renovation of buildings needs to be transformed in terms of technologies, processes and business models. Deep renovations need to become more attractive to all relevant stakeholders, more reliable in terms of performance, less disruptive for occupants (especially in residential buildings), less time-consuming, less energy-intensive from a life cycle perspective, more environmentally friendly regarding applied materials and more cost-effective. There is a need to demonstrate and roll out holistic consumer-centred solutions that involve the whole value chain, ensuring high levels of comfort and a high quality of the indoor environment.

Type of action: Innovation Action



## EU har som mål å bidra til flere anskaffelser av innovasjon i alle medlemsland:

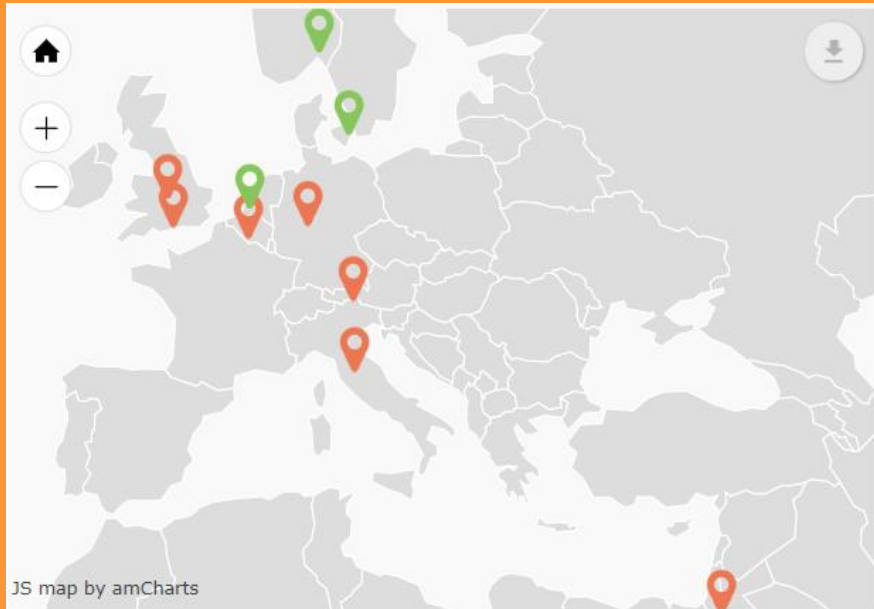
- EU har en egen portal for støtte til innovative IKT-anskaffelser: <http://eafip.eu/>
- Det er utarbeidet et hefte og 12 video eksempler på gjennomførte CSA, PCP og PPI prosjekter på IKT området (bl a innen opplæring, transport, langtids-datalagring, eHelse/velferdsteknologi, m.m.)



# BuyZET

**Procurement of innovative solutions for zero emission urban delivery of goods and services**

The BuyZET project will develop innovative procurement plans to help the participating cities achieve zero emission urban delivery of goods and services



## Core cities

- Rotterdam
- Copenhagen
- Oslo

## Observer Cities

- Bielefeld
- Bologna
- Brussels Region
- Jerusalem
- Manchester
- Munich
- Southampton