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**IT DOES NOT END WITH A PILOT PROJECT:  
COOPERATION WITH CITIES FROM CZECHIA UNDER HORIZON EUROPE  
PROGRAMME**

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# COLLABORATION WITH MUNICIPALITIES AND PUBLIC SECTOR



# SCOPE IN URBAN INNOVATION FIELDS

## TECHNOLOGY > BUILDING > NEIGHBOURHOOD

district heating concept    green roof solution

educational activities

documentation review    circular construction

vision 2050    orc unit piloting    sc monitoring

energy flexibility pilot    complex renovation    outdoor air quality

building energy concept

positive energy district    biosolar roofs

public space visioning    smart city analysis

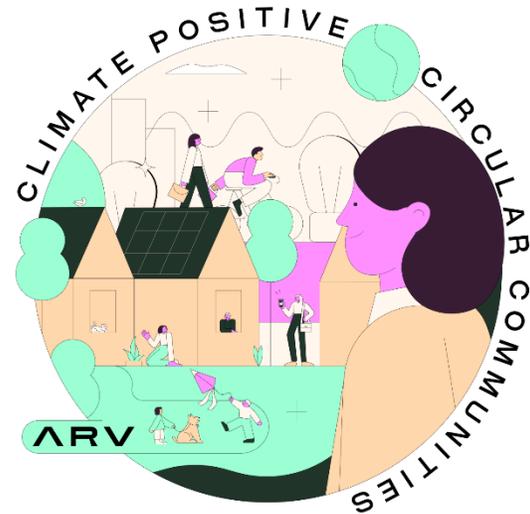
environmental concept    urban furniture    bldg utilization concept

new european bauhaus    iot platform for iaq

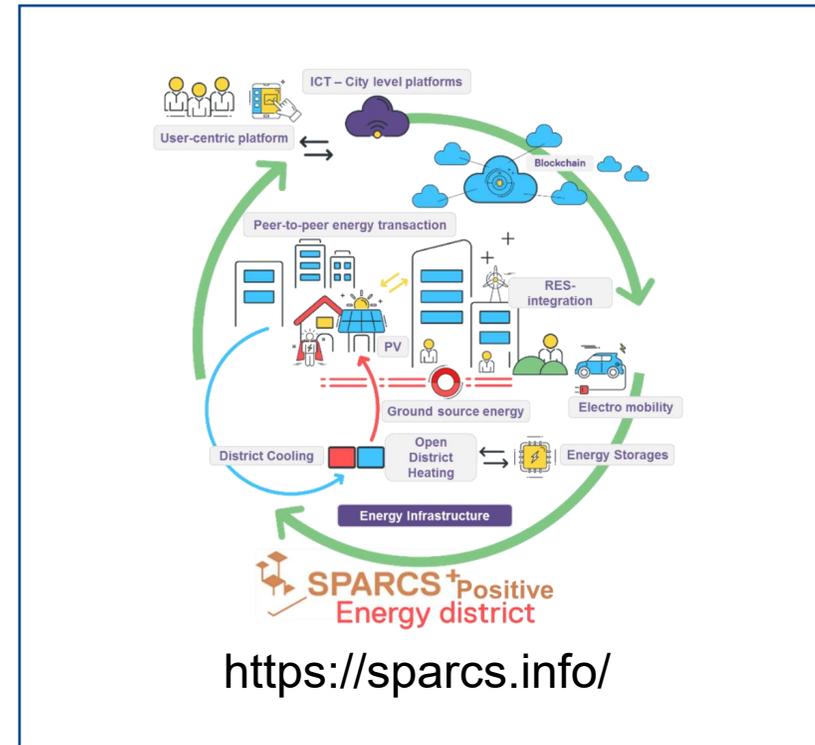
participatory planning



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<https://greendeal-arv.eu/>



<https://sparcs.info/>

**CRAFT** Creating Actionable Futures

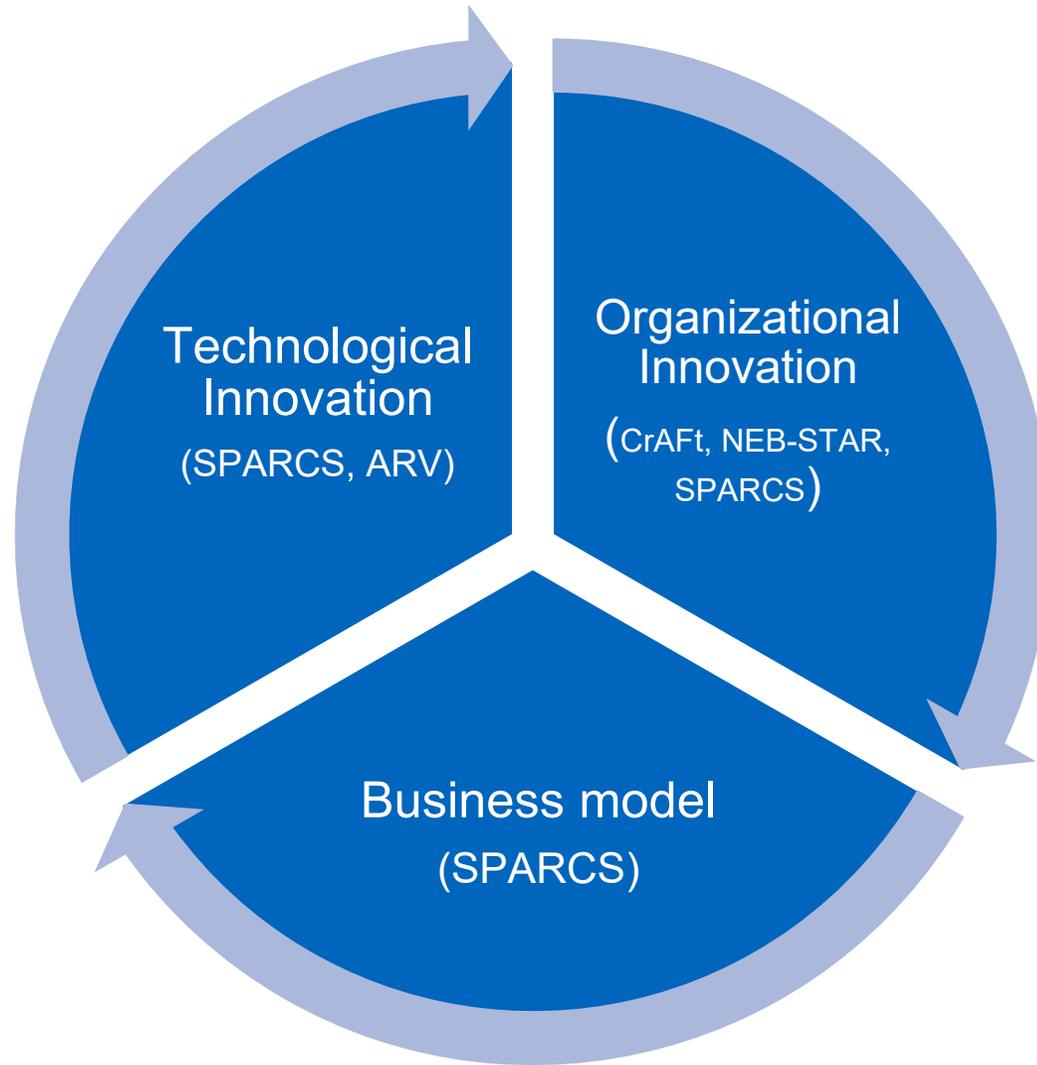
<https://craft-cities.eu/>

**NEB-STAR** NEW EUROPEAN BAUHAUS STAVANGER

**RUNNING HORIZON PROJECTS ON URBAN INNOVATION**



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**SEEKING IMPACT AND CHANGE IN THE PROJECTS**

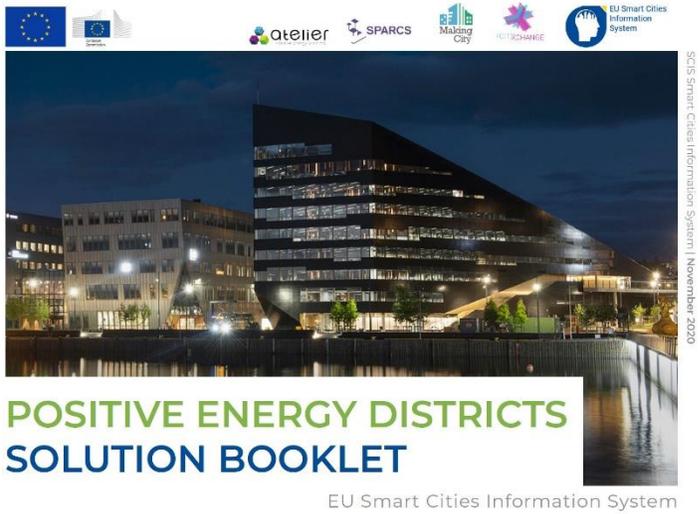
# Sustainable energy Positive & zero cARbon Communities

*“validate innovative solutions for planning, deploying and rolling out integrated energy system as an efficient mean for the urban transition into a citizen centered zero carbon ecosystem enabling a high quality of life“*



<https://www.sparcs.info/>

  @SPARCSeu



SCIS Smart Cities Information System | November 2020

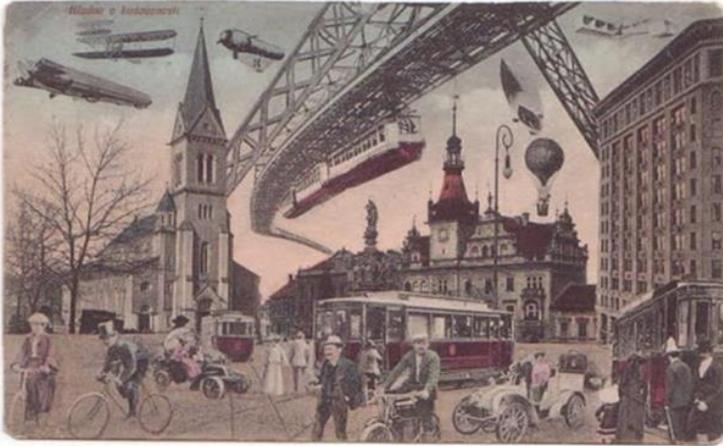
# POSITIVE ENERGY DISTRICT

Positive Energy Districts are **energy-efficient and energy-flexible urban areas or groups of connected buildings which produce net zero greenhouse gas emissions and actively manage an annual local or regional surplus production of renewable energy.**

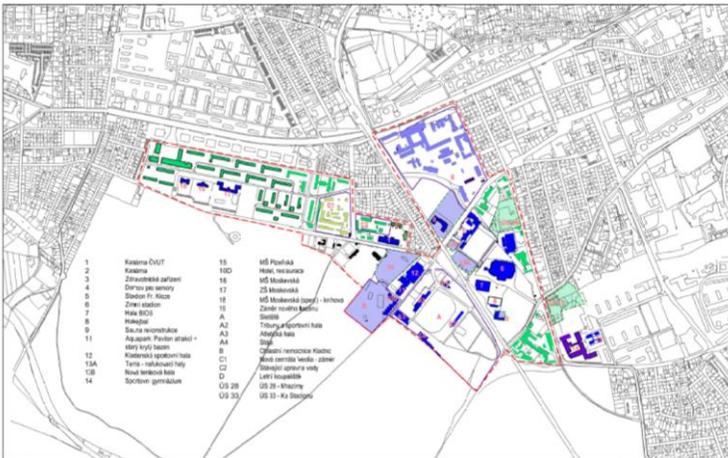


SINTEF | NTNU





VISIONING AND ROADMAPPING WITH KLDADNO



DESIGNING POSITIVE ENERGY DISTRICT



CO-FACILITATING KLDADNO INNOVATION ECOSYSTEM



PED-EU-NET | COST ACTION CA19126

Positive Energy Districts  
European Network

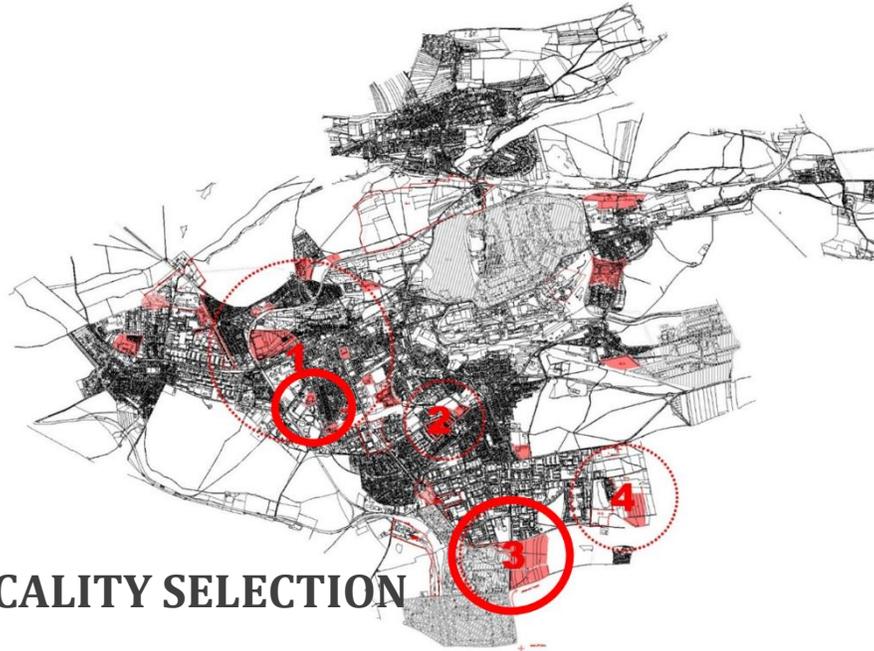
KNOW MORE



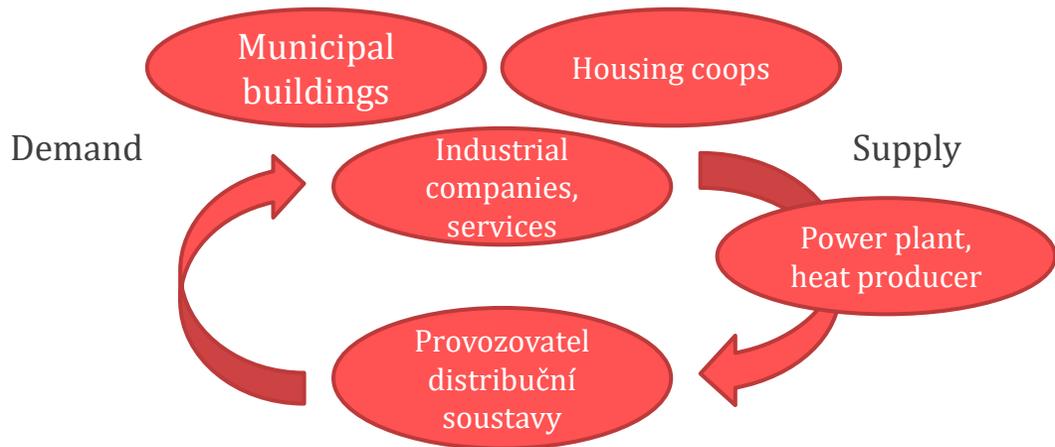
MANAGING KNOWLEDGE EXCHANGE WITH PARTNERS



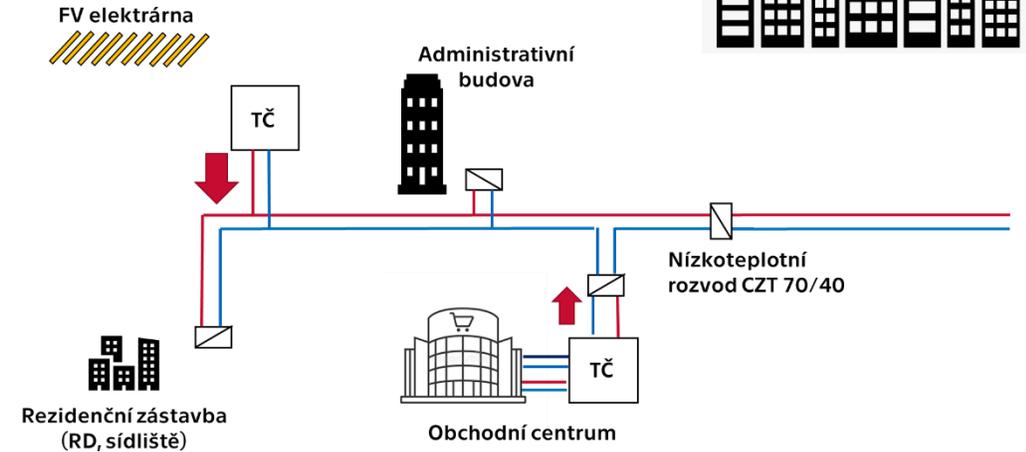
# Kladno process



## (1) LOCALITY SELECTION



## (3) BUSINESS MODEL



## (2) TECHNOLOGICAL SCENARIOS

### To do list

- Monitoring spotřeb
- Zateplení budov
- Dílčí OZE
- Modernizace sítí CZT
- Dílčí akumulace
- Dílčí projekty komunit
- ...

## (4) PROJECT PRIORITIZATION



New European Bauhaus  
beautiful | sustainable | together



The New European Bauhaus initiative connects the European Green Deal to our daily lives and living spaces. It calls on all Europeans to imagine and build together a sustainable and inclusive future that is beautiful for our eyes, minds, and souls.



### ENRICHING

inspired by art and culture, responding to needs beyond functionality.



### SUSTAINABLE

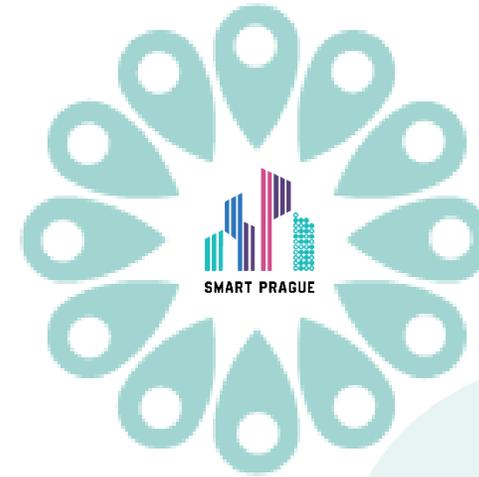
in harmony with nature, the environment, and our planet.



### INCLUSIVE

encouraging a dialogue across cultures, disciplines, genders and ages.

# ROLES OF THE CVUT UCEEB



MUTUAL LEARNING EXERCISE OF CRAFT CITIES

PARTICIPATING IN THE PRAGUE INNOVATION ECOSYSTEM

Open Call for the Core Group of Students for the CrAft Next Generation Think/Do Tank

Application deadline: 30 October

ORGANISING STUDENT TEAMS

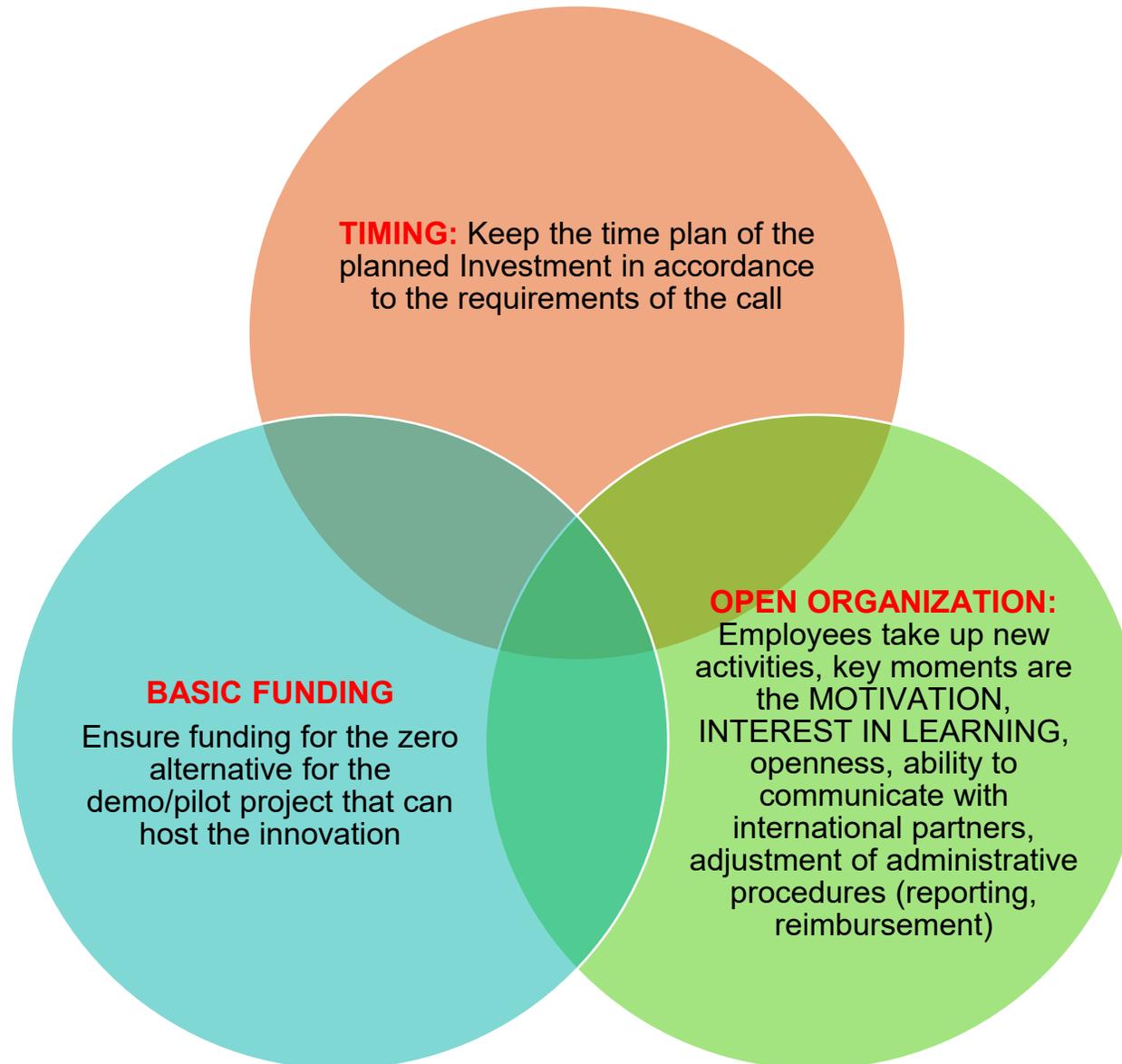


COLLECTING NEB RELEVANT STORIES

# NEXT STEP: FINDING DEMO(S)



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# **THANK YOU FOR YOUR ATTENTION!**

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