



Working Conference

# EMPOWERING NEIGHBOURHOODS FOR CLIMATE ACTION

ARNHEM 10 & 11 APRIL 2019

# Local Climate Action in Practice

Topics and EU funding today  
and in the future

11 April 2019



# OVERVIEW OF SESSION



1. Welcome
2. Introduction Round
3. Input: “Topics and EU funding today and in the future” by Birgit Haupter
4. Spotlights: The use of EU funding - ACE-retrofitting (NWE) & ENERGISE (Horizon)
5. Discussion
6. Networking World Café
7. Conclusions

# INTRODUCTION ROUND



1. Please write your name and organisation on a card.
2. Please choose a category, which relates most to you.



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# EMPOWERING NEIGHBOURHOODS FOR CLIMATE ACTION

ARNHEM 10 & 11 APRIL 2019

# Funding Local Climate Action

Dr. Birgit Haupter

11 April 2019



INFRASTRUKTUR & UMWELT  
Professor Böhm und Partner



# Questions

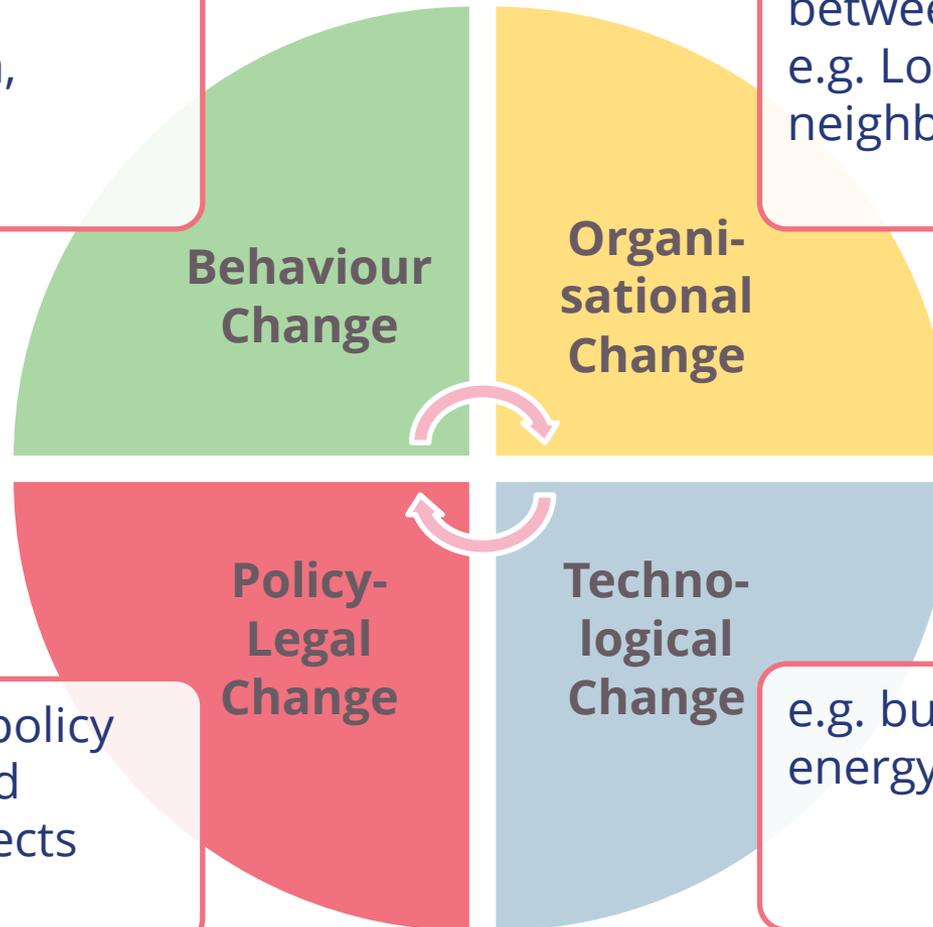


1. EU funding today: What topics are funded regarding Local Climate Action?
2. What is the planned framework for the next funding period?  
Which changes are foreseen?

# Local Climate Action is



e.g. energy consumption, mobility



between stakeholders:  
e.g. Local authorities and neighbourhoods

EU – national policy framework and economic aspects

e.g. buildings, mobility, energy production

# In the funding focus 2014-2020

## Horizon 2020



**energy efficiency, energy savings or energy recovery in any sector;**

**renewable non-fossil energy** (e.g. wind, solar, aero-thermal, geothermal, hydrothermal, ocean energy, hydropower, biomass, landfill gas, sewage treatment plant gas, biogases) **& related infrastructure** including energy storage and 'smart grids'; low-carbon technologies, manufacturing processes, goods & services; carbon capture & storage;

**reducing road & air traffic emissions; encouraging cycling, walking & use of public transport systems**, inland waterways & short sea shipping,

biological sequestration/conservation of CO<sub>2</sub> emissions (e.g. afforestation, re-vegetation, forest/cropland management, reduced tillage, soil maintenance/remediation), including sinks & reservoirs of greenhouse gases (e.g. soil, peatlands, wetlands, forests); eliminating or substantially reducing emissions of other greenhouse gases such as methane, N<sub>2</sub>O, PFCs, HFCs, SF<sub>6</sub> & NF<sub>3</sub>;

building resilience & reducing vulnerability to climate-related disasters (heatwaves, floods, extreme weather events, etc.), covering any sector including transport, energy, supply chains, communication networks & other infrastructure, planning, insurance; risk prevention & risk/disaster management, ICT for early warning systems;

combating heat effects &/or adapting to drought, including water efficiency measures;

strengthening coastal defences against erosion, storm surges & sea-level rise;

taking advantage of any opportunities that may arise as a result of climate change;

**integrating climate change concerns in specific policy activities,**

developing capacity, strengthening the regulatory & policy framework;

socioeconomic issues associated with climate change options, such as **behavioural patterns, societal acceptance & barriers to uptake of policies or technologies;**

understanding climate change processes &/or effects, including sea ice/ice sheet/glaciers, permafrost, air and sea surface temperatures, precipitation, biodiversity loss, movement or distribution of plant/fish/animal species, ocean acidity, crop yields, hydropower potential, seasonal tourism patterns, habitats for disease vectors, etc.



# Horizon 2020

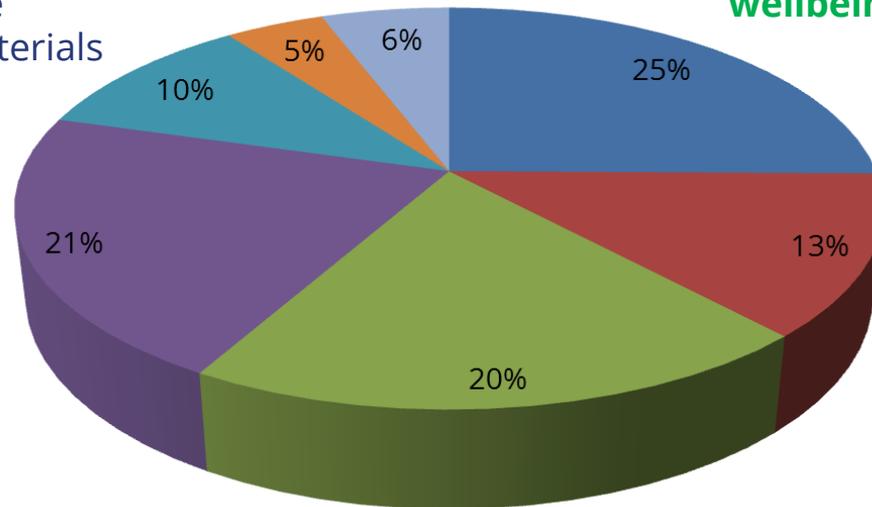
“Societal challenges” 40% of budget (29.7 billion €)  
up to 23 billion € for climate action

Europe in a changing world / Secure societies

**Climate action,**  
environment resource  
efficiency and raw materials

**Health, demographic change and  
wellbeing**

**Smart, green and  
integrated transport**



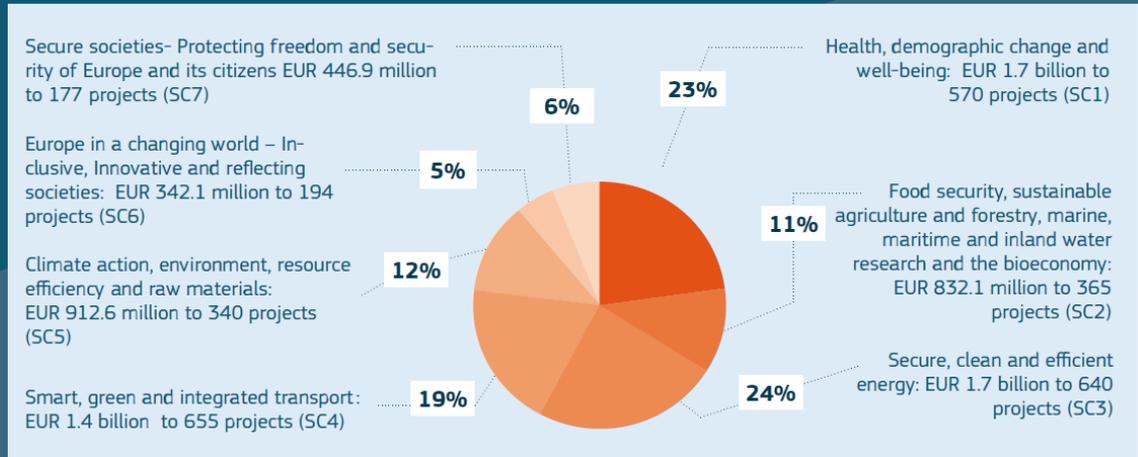
Food security, sustainable  
agriculture

**Secure, clean and efficient  
energy**



# Horizon 2020 – after 3 years

## THE SOCIETAL CHALLENGES PILLAR: EUR 7.4 BILLION TO 2941 PROJECTS



4.9 billion € committed to support projects related to climate action.

All levels, not only local.  
(2017 interim evaluation)

### MORE NEEDS TO BE DONE

+ Targets for expenditure on sustainable development and climate action are not yet met

+ Gender equality and the embedding of Social Sciences and Humanities can be further promoted

+ Feedback from projects to policy-making can be further strengthened

KEY FINDINGS FROM THE HORIZON 2020 INTERIM EVALUATION | 15

# Horizon 2020 - Examples



ENERGISE Living Labs  
BENEFICE – IoT and consumers

PROSPECT „peer powered cities and regions“

Behaviour Change

Organisational Change

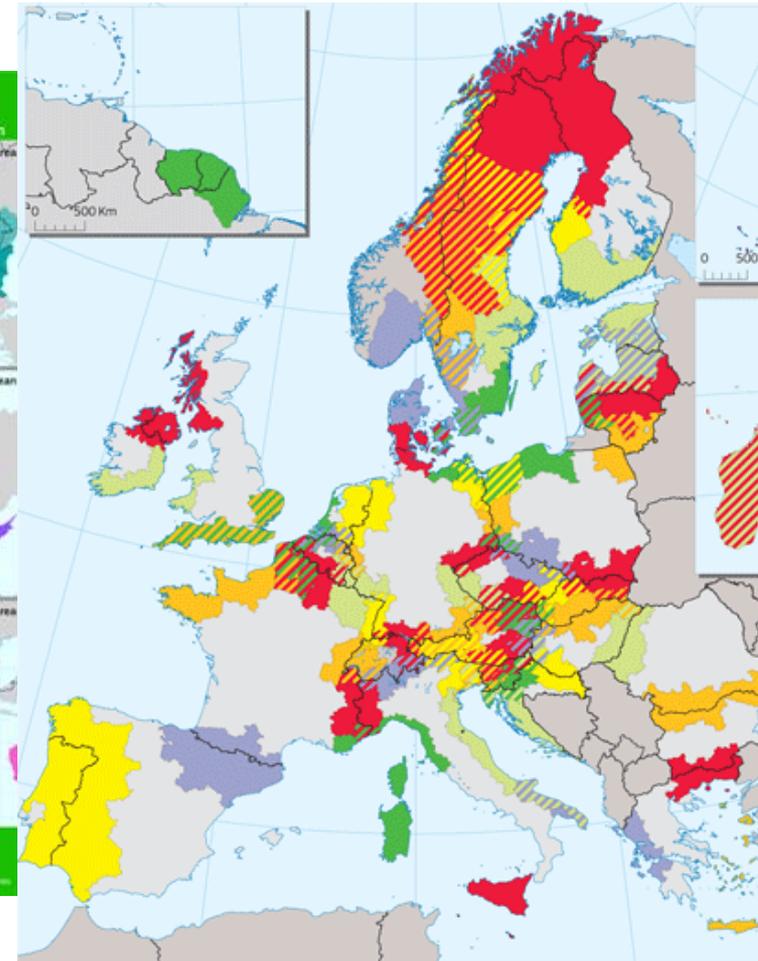
Policy-Legal Change

Technological Change

CityInvest – financing & operational models  
BuildUpon – renovation strategies

Many ... on renewable energy in general  
New approaches to building retrofitting

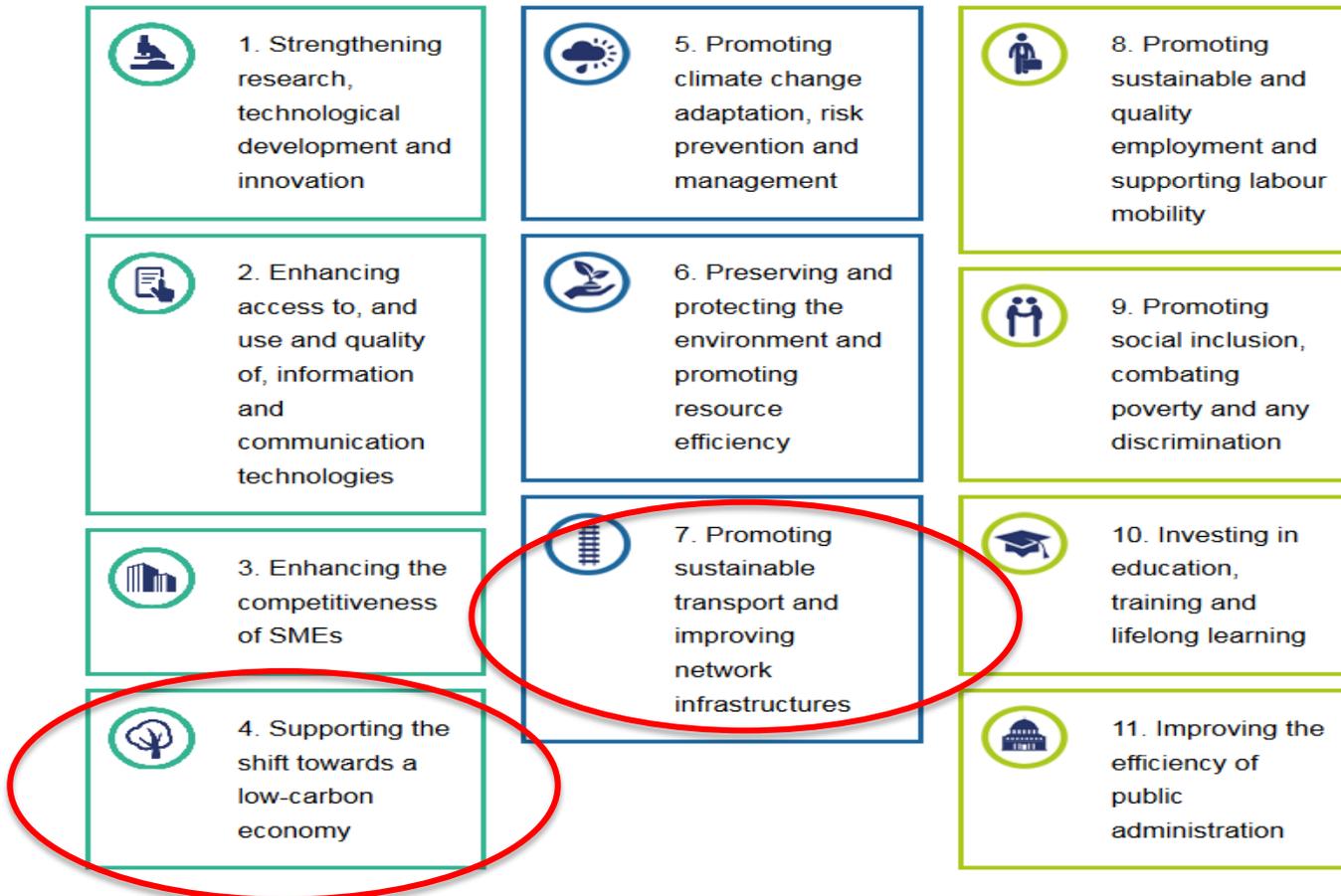
# Structural Funds – INTERREG (ESIF - ERDF)





# Structural Funds – INTERREG

focus depending on programme area



# PROGRAMME STATUS

February 2019

**Interreg**   
North-West Europe  
European Regional Development Fund  
Investing in Opportunities



# 83

APPROVED  
PROJECTS

# 313M

ERDF  
ALLOCATED

# 819

PARTNERS



**INNOVATION**

€ 88M allocated  
31 projects approved



**LOW  
CARBON**

€ 166M allocated  
34 projects approved



**RESOURCE AND  
MATERIALS EFFICIENCY**

€ 59M allocated  
18 projects approved

## Expected results

16 661  
households  
with  
improved  
energy class

3 536  
businesses  
supported

3 080  
citizens  
benefiting  
from social  
innovation

17 149  
mega watts  
of additional  
renewable  
energy  
capacity

778  
jobs  
created

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Climate Alliance

**Interreg**   
North-West Europe  
Climate Active  
Neighbourhoods  
European Regional Development Fund

# INTERREG – Examples



Climate Active  
Neighbourhoods  
SHINE (2seas)  
(CYCLE highways)

ECCO – local energy  
community co-operatives  
ACE retrofitting

Behaviour  
Change

Organisational  
Change

Policy-Legal  
Change

Technological  
Change

Integrated in projects

Many ... on renewable  
energy, e.g. hydrogen-  
based energy,  
UPSTRAW, E=0  
(renovating homes)

# Future topics 2021 - 2027



- **Horizon Europe** – 94 billion €: proposed new thematic clusters, pillar II “Climate, Energy and Mobility”

**Pillar II – Global Challenges & Industrial Competitiveness**

1. Five thematic clusters
  - Health
  - Inclusive and Secure Societies
  - Digital and Industry
  - Climate, Energy and Mobility
  - Food and natural resources

# Regional Development beyond 2020



## A FOCUS ON FIVE INVESTMENT PRIORITIES, WHERE THE EU IS BEST PLACED TO DELIVER

Five main objectives will drive EU investments in 2021-2027:



**Smarter Europe**, through innovation, digitisation, economic transformation and support to small and medium-sized businesses



a **Greener, carbon free Europe**, implementing the Paris Agreement and investing in energy transition, renewables and the fight against climate change



a more **Connected Europe**, with strategic transport and digital networks



a more **Social Europe**, delivering on the European Pillar of Social Rights and supporting quality employment, education, skills, social inclusion and equal access to healthcare



a **Europe closer to citizens**, by supporting locally-led development strategies and sustainable urban development across the EU.

# Proposal Regulation May 2018



Promoting **clean and fair energy transition**, green and blue investment, the circular economy, climate adaptation and risk prevention and management ('PO 2') by:

- promoting energy efficiency measures;
- promoting renewable energy;
- developing smart energy systems, grids and storage at local level;
- promoting climate change adaptation, risk prevention and disaster resilience;
- promoting sustainable water management;
- promoting the transition to a circular economy;
- enhancing biodiversity, green infrastructure in the urban environment, and reducing pollution;

# Roadmap



# Topics for the future?



# SPOTLIGHTS



The use of EU funding:

- ACE-Retrofitting (Interreg NWE)
- ENERGISE (Horizon 2020)



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**ACE-Retrofitting**  
European Regional Development Fund

# ACE-RETROFITTING

Accelerating Energy Retrofitting in Condominiums  
(flats, tenements, multi-storey blocks)

[www.nweurope.eu/ace-retrofitting](http://www.nweurope.eu/ace-retrofitting)

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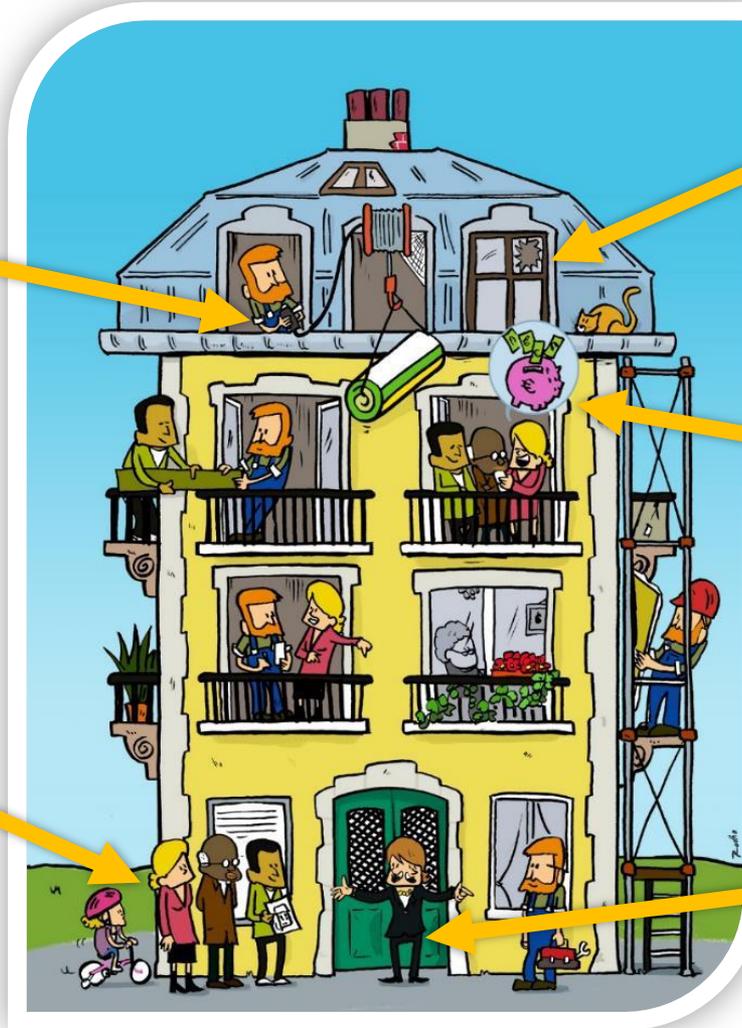
  
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# Energy retrofitting in condominiums: A common challenge for EU countries

A complex and unattractive market for building professionals

Long decision-making process to develop a renovation project



Many buildings constructed before 1980, with low energy efficiency

Financing engineering of a renovation project is complex

A key sector to reach cities' energy and climate targets

# Objectives of the project

(running from September 2016 to March 2020)



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Accompanying  
co-owners and  
co-owner  
associations  
(‘demand’)



Making demand and  
supply meet:  
Cities acting as  
facilitators



Federating and  
increasing the  
competencies of  
building  
professionals  
(‘supply’)



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# DISCUSSION ROUND



# NETWORKING WORLD CAFÉ



Brainstorming on:

1. Topics in need of funding in the future?
2. Who needs and wants to work together?

Networking Session at Tables



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# CONCLUSIONS





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THANKS  
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