



# Integrated urban development in action!

**Some examples of integrated approaches from different EU cities**

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REPUBLIKA HRVATSKA  
Ministarstvo regionalnoga razvoja  
i fondova Europske unije



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# Recent study - Integrated development in action! (Oct 2022)



## Four dimensions of integration explored

[www.uia-initiative.eu](http://www.uia-initiative.eu)

### Place-based

Concentration of different intervention types within a defined territory

### Multi-stakeholder & multi-level

Bringing together relevant actors from the territory and in the vertical governance chain

### Participative

Using codesign and empowerment tools to work with citizens and their civil society organisations

### Cross-sectoral

Grouping multiple policy fields to address problems being tackled in the territory

UIA projects must be innovative at EU level  
Maximum grant of €5m from UIA

*N.B. UIA is now under European Urban Initiative (EUI)...*

# Recent study - Integrated development in action! (Oct 2022)



## 12 cases from the EC Urban Innovative Actions

[www.uia-initiative.eu](http://www.uia-initiative.eu)

CITIES AND THEIR PROJECTS	MEMBER STATE	UIA CALL 2016-20	URBAN AGENDA FOR EU THEME	CITIES AND THEIR PROJECTS	MEMBER STATE	UIA CALL 2016-20	URBAN AGENDA FOR EU THEME
BIRMINGHAM USE-IT!	UK*	1	URBAN POVERTY	PARIS OASIS	FRANCE	3	CLIMATE ADAPTATION
CLUJ FUTUREOF WORK (CFW)	ROMANIA	3	JOBS AND SKILLS IN THE LOCAL ECONOMY	PORTICI AIR HERITAGE	ITALY	3	AIR QUALITY
KOSICE 2.0	SLOVAKIA	5	CULTURE AND CULTURAL HERITAGE	PRATO URBAN JUNGLE (PUJ)	ITALY	4	NATURE BASED SOLUTIONS
LAHTI CITICAP	FINLAND	2	URBAN MOBILITY	RAVENNA DARE	ITALY	4	DIGITAL TRANSITION
LJUBLJANA APPLAUSE	SLOVENIA	2	CIRCULAR ECONOMY	UTRECHT REFUGEE LAUNCH PAD (URLP) BECAME UTRECHTPLAN EINSTEIN	NETHERLANDS	1	INTEGRATION OF MIGRANTS AND REFUGEES
LYON METROPOLE HOME SILKROAD	FRANCE	3	HOUSING	VILADECANS VILAWATT	SPAIN	1	ENERGY TRANSITION

# Lahti (Finland) - CITICAP

## Sustainable Urban Mobility Planning (SUMP) with strong citizen involvement



Lahti – 120,000 inhabitants - one of first EU urban areas to commit towards carbon neutrality by 2025

CITICAP = innovative SUMP process with Personal Carbon Trading (PCT) scheme & new 2.5km cycle highway

### Place-based approach

- Working at city scale - taking account of residents' mobility patterns
- SUMP developed to test and integrate a new set of incentives for citizens to transition to sustainable mobility options
- Paradigm shift in city, from infrastructure-centric mind-set, towards behavioural change



Source: <https://www.lahti.fi/en/files/citicap-final-report/>

### Strongly participative

- Culture of co-creation and participation - citizens involved in all project activities - consultation on SUMP, choosing route for cycle highway etc.
- PCT scheme first of its kind – had to be co-designed by residents, academics and technologists working together
- Citizens aim to use only their assigned PTC allowance - exchanges between users permitted - incentives and disincentives included



Source: <https://www.lahti.fi/en/files/citicap-final-report/>



# Lahti (Finland) - CITICAP

## Sustainable Urban Mobility Planning (SUMP) with strong citizen involvement



### Cross-sectoral perspective

- Combined social and environmental measures for expanding mobility options for residents
- Project's app generated reliable and scientifically valid data, for SUMP and PCT scheme
- University piloted traffic calculation based on pattern recognition, plus prototypes for weather and road maintenance information
- New use cases for emerging urban mobility technologies co-created by academia and SMEs alongside public actors and citizens



Source: <https://www.lahti.fi/en/files/citicap-final-report/>

- Competition to find innovative solutions for cycle highway brought 10 high-quality proposals from UK, Japan, Estonia and Finland
- Smart, energy saving lightning solutions, safe bicycle racks and info screens were implemented on the cycle highway, as well as traffic signs reflected on the road surface

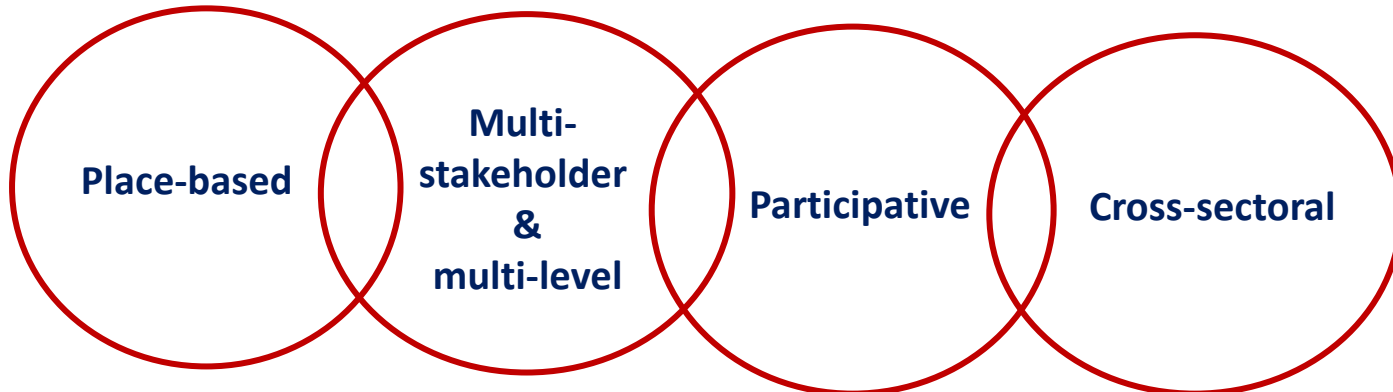
# Lahti (Finland) - CITICAP

## Sustainable Urban Mobility Planning (SUMP) with strong citizen involvement



### Multi-actor and multi-level governance

- Multi-stakeholder approach created shared understanding on the changes needed for the ambitious commitment to carbon neutrality by 2025
- CitiCap closely linked to the design processes of the city's key planning documents, including the new Masterplan
- Strong partnership between local and regional level needed for developing the SUMP
- Lahti was able both to build its international reputation as an environment-conscious city - winning the title of 2021 European Green Capital



Source:

<https://www.lahti.fi/en/housing-and-environment/transportation-and-streets/citicap/>

# Viladecans (Spain) - VILAWATT

## Local energy community with innovative governance structure

Viladecans – population 60,000 – in Province of Barcelona

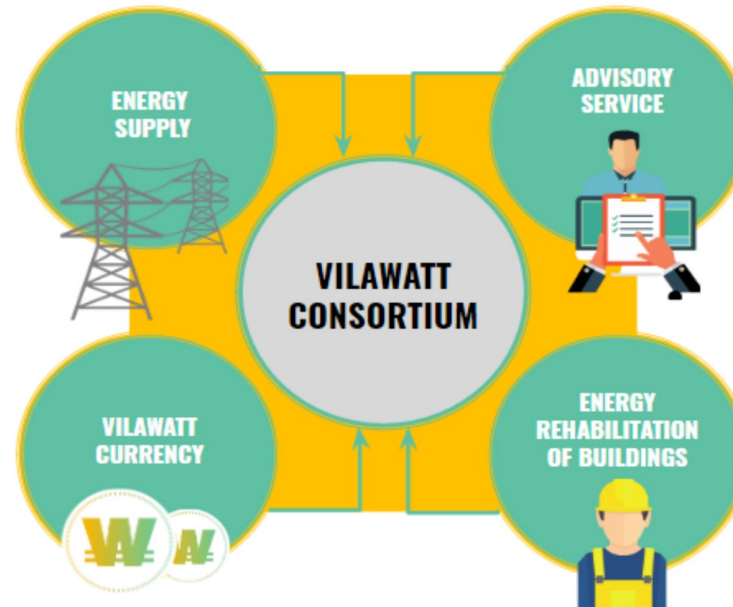
Project elements: energy efficiency (for 56 housing units); advice on energy efficiency; green energy supply; an alternative currency ‘Vilawatt’, rewarding energy savings - can be spent in local shops and for local services

### Place-based approach

- Focused on Montserratina neighbourhood - around 20,000 inhabitants (least well-off population)
- Oldest housing stock (pre-1970s) – no insulation, poor heating/cooling
- 3 apartment buildings retrofitted first as demonstrators – to gain trust/confidence

### Multi-stakeholder and multi-level governance

- Innovative Public-Private-Citizen Governance Partnership (PPCP) mechanism – for agility
- Partnership involves municipal and private companies, research centres, cooperatives, public agencies and citizens associations in quadruple helix structure



Vilawatt consortium as governing body (c) Vilawatt

- Cross-departmental work and public-private partnership key to project's success – economies of scale for energy
- Multi-level governance through alignment with Catalan Strategy Energy Renovation at the regional level
- PPCP given a legal form, providing stable partnership basis on which to continue after the end of the project



# Viladecans (Spain) - VILAWATT

Local energy community with innovative governance structure



Energy Currency (c) Vilawatt project

## Participatory

- Virtual currency became a powerful incentive for local residents to commit to energy efficiency measures
- Their newly acquired Vilawatts could be spent on products or services provided by locally-owned businesses
- Virtual currency design company, UBIQUAT, brought in as shareholders in co-creation, rather than suppliers – it would have been difficult to tender for this service as the volume of work would have been unclear

*‘To create energy communities, citizen participation is extremely necessary, but citizens will never participate if they are not empowered. From here, the next condition is the political will to investigate new ways of relating to citizens.’*

Mayor of Viladecans



# Viladecans (Spain) - VILAWATT

Local energy community with innovative governance structure



## Cross-sectoral

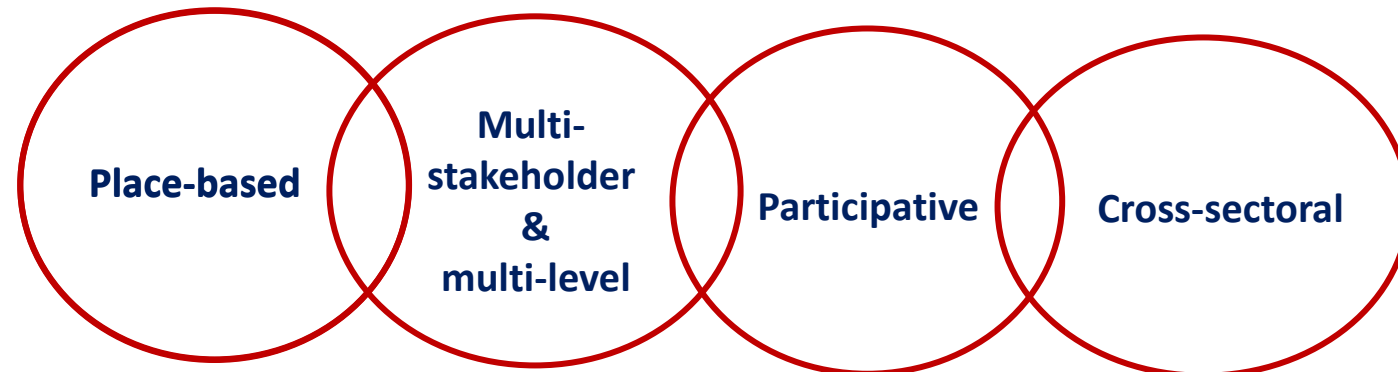
- Over 400 local businesses involved in virtual currency scheme
- Project was complex technically, economically and legally - high dependency between sectoral paths
- 3 working groups created - coordination, virtual currency and rehabilitations



Vilawatt project partners © City of Viladecans)

Overall, Vilawatt was a strong catalyst for changing the organisational culture inside the municipality - creating new forms of citizen collaboration and improving the quality of life of the city in a sustainable way

The model replicated through URBACT-UIA transfer mechanism (UTM) in Seraing (B), Nagykanizsa (HU) and Trikala (EL)



# Košice 2.0 (Slovakia)

## Developing data-driven policies for the well-being of the city's residents



Slovakia's second city – population 240.000  
2013 European Capital of Culture, but lacking a strong cultural-creative ecosystem since then  
Inadequate infrastructure to support innovation and weak civic engagement – increasing brain drain



Source: Košice Citizen Experience and Well-being Institute  
[CX Institute](http://CXInstitute.com) | [Košice 2.0 \(kosice2.sk\)](http://Košice2.0.sk)

### Strong cross-sectoral approach

- Uses innovation to connect culture with entrepreneurship and cross-pollinate other fields - particular focus on public policies and services
- Coordinates environmental, social and economic dimensions of urban policy - linking participation, data collection, and public space design
- Data-driven imperative maximises interdependencies between sectors

### Multi-stakeholder & multi-level partnership

- Enhanced cooperation between City departments of IT infrastructure and Planning, European Projects and future development
- 'Hybrid' NGO partners – 'Creative Industry Košice' (CIKE) and Citizen Experience & Well-being Institute (CXI) – formal status, yet free to act
- ANTIK Telecom, ASBIS and Civitta platform bring together IT organisations (Košice IT Valley), while Technical University of Košice (TUKE) acts as a bridge with the start-up ecosystem

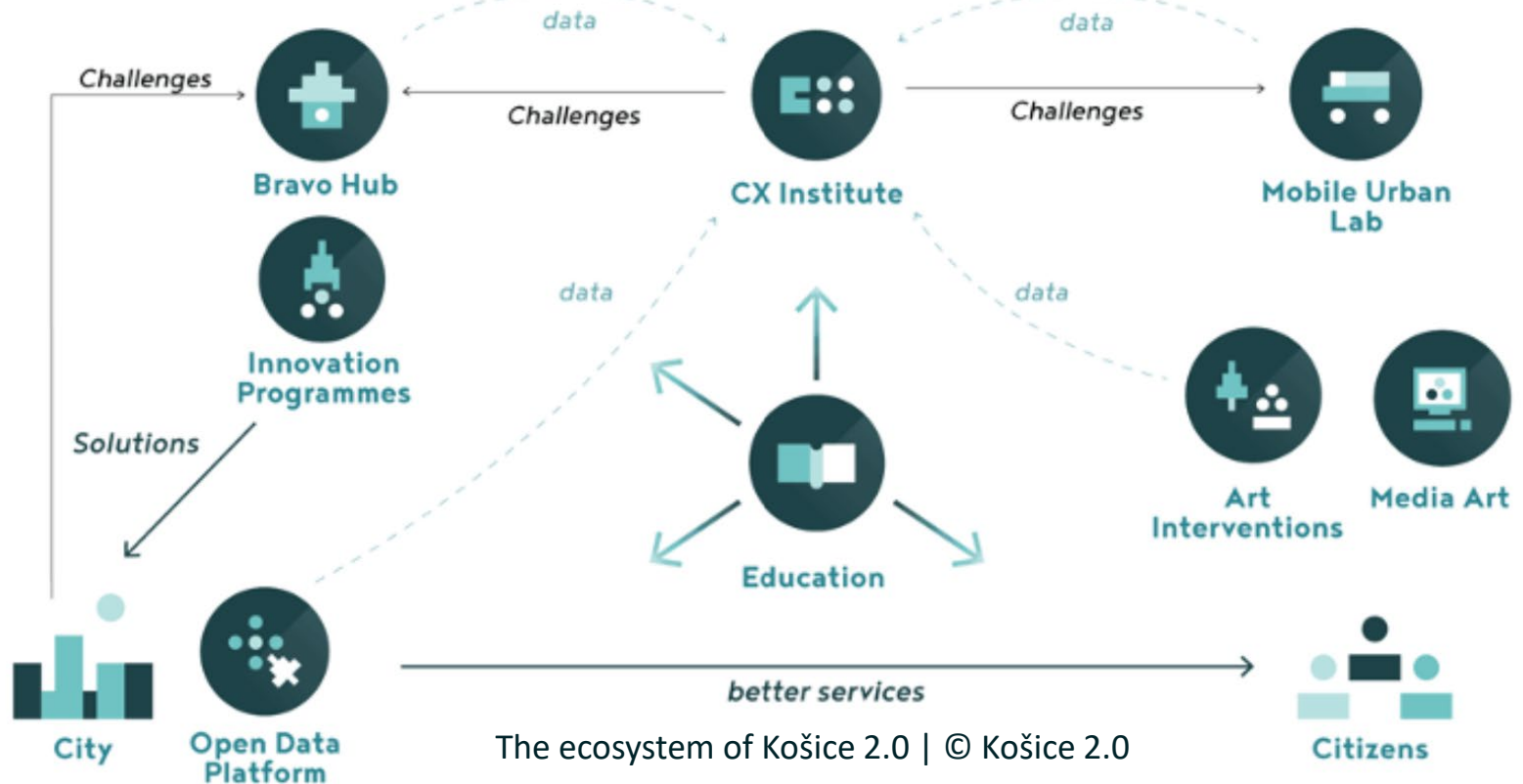
# Košice 2.0 (Slovakia)

## Developing data-driven policies for the well-being of the city's residents



### Place-based

- CXI collects and updates city-level data in different policy areas (e.g. environmental protection, public space, mobility etc.) – inc. through Mobile Urban Laboratory
- ANTIK provides data from smart homes, surveys on cable TV, mobility sharing services and EV charging stations.
- Centre of the city's cultural and creative ecosystem established at former barracks turned into Kasárne Kulturpark - complex of 11 buildings, including a library.
- Kulturpark supports innovative start-ups and hosts diverse events, exhibitions etc.
- Bravo Hub – includes co-working areas and conference centre, with outside space
- Technical University provides research training and visualisation courses to deliver a local pipeline of people with expertise to drive forward the innovation ecosystem



The ecosystem of Košice 2.0 | © Košice 2.0



# Košice 2.0 (Slovakia)

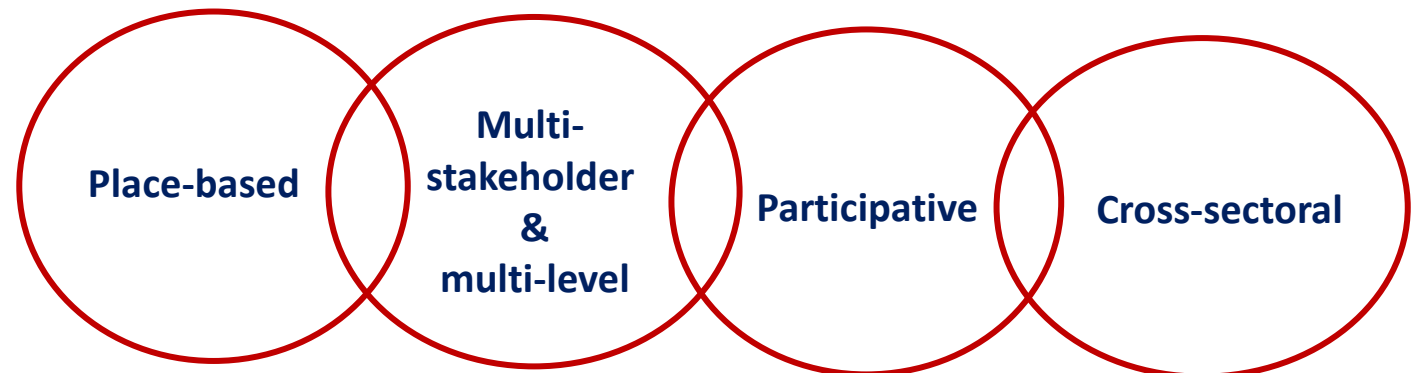
Developing data-driven policies for the well-being of the city's residents



Bravo Building. Image ©Kosice

## Participative

- Active engagement of citizens in co-creation processes in policy areas which affect their daily lives, supported by NGO Východné pobrezie (East Coast), specialising in participatory processes
- Citizens give feedback in Mobile Urban Laboratory about the services they use – including as first testers of new services
- Workshops for public servants, mixing older and younger colleagues, have introduced new participative methodologies in the municipality's work, encouraging cultural change within the administration



# Concepts of integration



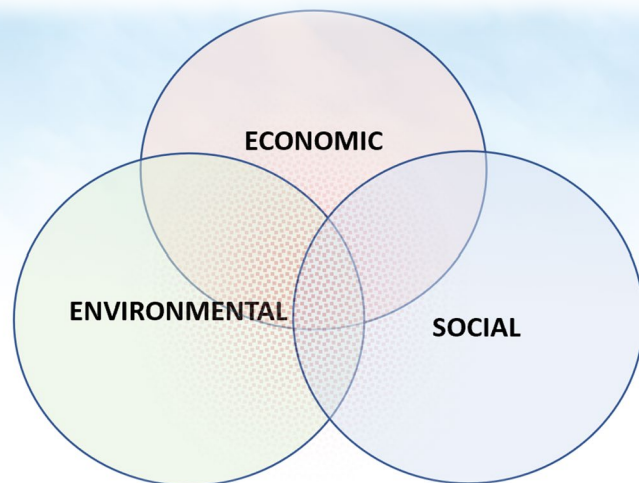
See also...

EC Joint Research Centre (JRC)  
**Handbook of Sustainable Urban Development Strategies**  
Chapter 4 - Cross-sectoral integration

Ensuring coherence among different policy sectors

- aligning priorities and timeframes
- collaboration across different departments/levels

[JRC Publications Repository - Handbook of Sustainable Urban Development Strategies \(europa.eu\)](https://ec.europa.eu/jrc/publications-repository/)



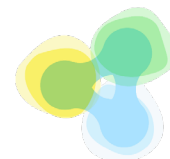
**UIA study Integrated Development in Action!**

Full documentation on the 4 dimensions of integration plus the 12 case studies

Available at <https://uia-initiative.eu/en/operational-challenges/integrated-development-action>

*N.B. Remember – these are special innovative actions, mainstream projects could be different...*

...and don't miss



New European Bauhaus  
beautiful | sustainable | together



Download the NEB Compass here -  
[The New European Bauhaus Compass | New European Bauhaus \(europa.eu\)](https://ec.europa.eu/new-european-bauhaus/)

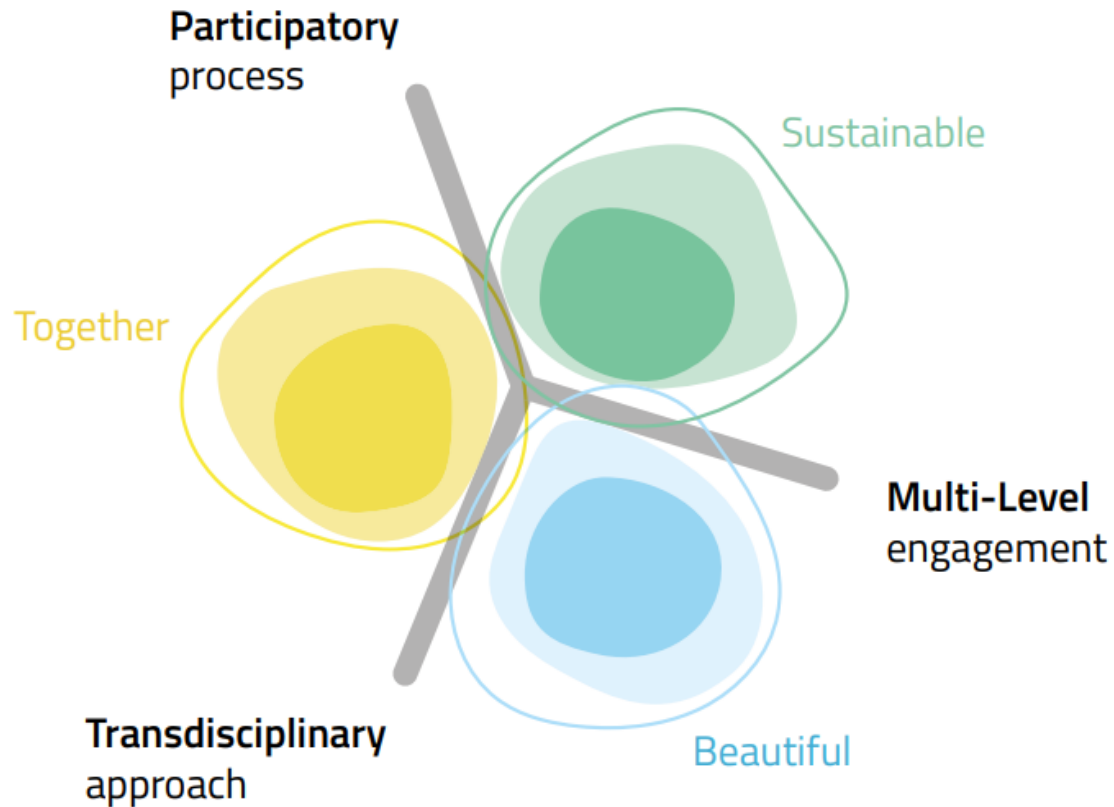
# NEB Compass

Valuable guide for developing NEB projects



## NEB core values

Beautiful  
Sustainable  
Together



## NEB working principles

Participatory  
Multi-level engagement  
Transdisciplinary

***N.B. 3 Levels of Ambition for each NEB core value and each working principle***



## Hal5 (Belgium) - Mixed use neighbourhood hotspot



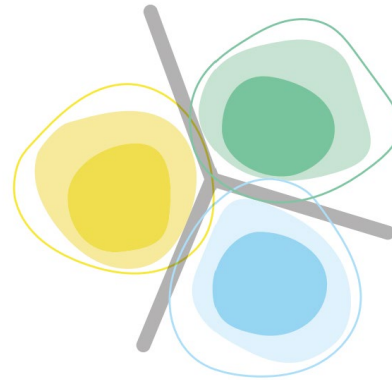
Financially self-sustaining redevelopment of an abandoned protected railway hall. It provides affordable space and encourages interaction between social organisations, entrepreneurs and the neighbours. Includes a food court with a bar, a social grocery store, event spaces, a short-supply-chain bakery, urban agriculture and a flower-picking garden.



**Beautiful**

### AMBITION III: to integrate

Despite the low budget, provides a welcoming, collective space for people to identify and point out opportunities, to make a building habitable, to integrate it back into the city.



**Sustainable**

### AMBITION III: to regenerate

Built mainly with re-used materials, saves energy heat pumps. Water from the roof re-used in urban agriculture and flower garden, which also actively improve biodiversity in the neighbourhood



**Together**

### AMBITION III: to transform

Creates new way of living together for people with different levels of income. Activities with advantageous conditions for underprivileged users. Social organisation helps local youngsters find jobs within Hal5.

## Participatory

### AMBITION III: self-govern

Puts social and cultural partners, together with entrepreneurs and tenants in legally recognised governing network, also linked to local authority. No clear boundaries between architect, client, builder.

## Multi-level engagement

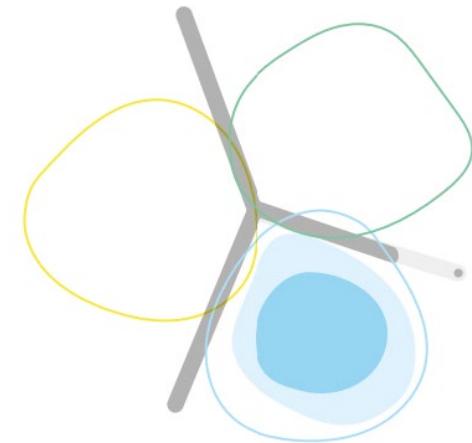
### AMBITION II: work across territorial levels

Residents, associations and authorities from city and regional levels collaborate with civil society in a redevelopment approach with strong potential for replication elsewhere in Europe.

## Transdisciplinary

### AMBITION III: beyond-disciplinary

Heterogeneous group of professionals, members of the public, architects, entrepreneurs, teachers, musicians etc. have succeeded in applying formal and informal knowledge to achieve common goal.





# Sources of further NEB information and inspiration

Increasing all the time...



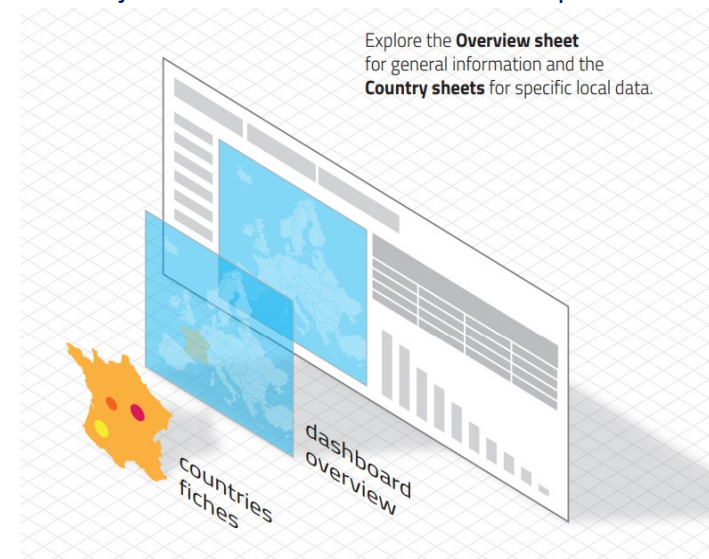
## EC database of inspiring projects and ideas

Filter by country and subject:

[Inspiring projects and ideas \(europa.eu\)](https://ec.europa.eu/inea/en/inspiring-projects-and-ideas)

## NEB Dashboard

- NEB projects benefiting from EU Funds
- Projects and ideas that have won NEB prizes



[New European Bauhaus Dashboard \(europa.eu\)](https://ec.europa.eu/inea/en/new-european-bauhaus-dashboard)



Planned NEB-inspired new JRC building Seville. Source: Street view © Playtime

## NEB Academy

Online and offline trainings at European scale to promote inter-regional exchange of NEB-relevant skills and best practices. Trainings developed with stakeholders from the construction ecosystem.

[NEB Academy \(europa.eu\)](https://ec.europa.eu/inea/en/neb-academy)

## NEB Lab

The “think and do tank” of NEB – exists to co-create, prototype and test tools, solutions and policy actions to facilitate the NEB implementation on the ground.

[The NEB Lab \(europa.eu\)](https://ec.europa.eu/inea/en/neb-lab)

## Digi NEB

Digital toolkit for stakeholders, observatory of relevant initiatives, eLearning courses.

[DigiNEB](https://ec.europa.eu/inea/en/digi-neb)