



UNIC4ER

APPENDIX Local Engaged Research Roadmaps



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4.2 Local Engaged Research Roadmaps

UNIC4ER aim is to engage trans-disciplinary RDI projects that include cities as partners. Hence, UNIC4ER Meets the City framework specifies Local Engaged Research Roadmaps, based on or inspired by which collaborative UNIC Engaged Research projects will be called for.

To meet the cities, UNIC4ER has collected our UNIC Cities' priorities for Engaged Research. 1) UNIC WP5 CityLabs Roadmaps' input was transferred into the Urban Agenda for the EU framework, and 2) UNIC City organisations' Top 10 Engaged Research challenges were defined (Engaged Research Strategy Forum 2, by UNIC Cities) (Table 1.).

The defined Engaged Research challenges are based on our cities' objectives and challenges that are in constant change. Also new needs will emerge, and on the other hand, Engaged Research needs will become fulfilled. Hence, UNIC4ER creates Local Engaged Research Roadmaps that are meant to be regularly updated.

Table 1. Local Engaged Research Roadmaps (August 16th 2022) imply UNIC Cities' shared interests.

Local Engaged Research Roadmaps 16/8/2022							
Rotterdam	Istanbul	Bochum	Cork	Bilbao	Liège	Oulu	Zagreb
Promoting social cohesion and participation in neighbourhoods with high degree of residential mobility	Building resilience	Sustainable city & urban development	Compact growth	Improving the environmental sustainability of the city (mobility and zero emissions, climate change, green ring and BNS...)	Diversity and inclusion: Ensuring the continuity and development of inclusion and diversity policies/practices for immigrant newcomers and refugees	Becoming most enterprise friendly international growth center	Poverty risk
Fighting drug crime, international trafficking networks	Social cohesion and co-habitation	Integration and cultural diversity	Enhanced regional accessibility	Keep on providing quality services that cover all neighbourhood	Transition: Supporting the city's transition process through engaged research and innovation projects	Strengthening the attraction and traction	Reintegration of NEFTs
Breaking the cycle of intergenerational poverty, health problems and	Local democracy and participatory city management	Smart city & Digitalization of administration and society	Strengthened rural economies and communities	An increasingly socially cohesive city (aging, young people, migrants,	Housing: Eradicating homelessness by improving data quality and by	Carbon neutrality	Lack of affordable housing

low education				universal accessibility, homeless...)	shifting the paradigm towards the housing first/housing led approach, fostering an equal access to housing, particularly for vulnerable groups		
New economic models and labour market/life long learning opportunities	Circular city	Sustainable, barrier-free and smart mobility	Sustainable mobility	To continue developing a city that is even more attractive for investment and employment generation (economies of added value, CCI, economies of proximity, care economies...)	Engagement: Developing and stimulating citizen participation and engagement, towards a more participatory and collaborative city	Everyone has the opportunity to live a healthy and secure life	Urban mobility
Modern governance structures with (semi)-private partners, societal organizations and citizen initiatives	Heavy traffic, public transport and micro-mobility	Internationalization & international networking	A strong economy, supported by enterprise, innovation and skills	Continue working on the value-based city, especially equality between women and men.	Social economy: Developing innovative plans to support social economy and solidarity, and fostering an equal and inclusive access to the labor market	Education builds a sustainable and international Oulu	Brownfield Development
Creating innovative housing models	Social solidarity and sustainable social support		High-quality international connectivity	City collaborative and participatory governance model.		Impactful services, sustainable economy and well-feeling personnel	Sustainable Waste Management
Climate change adaptation and the inclusion of vulnerable groups in the transition towards sustain	Participation of youngsters in decision making		Enhanced amenity and heritage			Taking advantage of the digitalization opportunities	Urban renewal of the historic center

nability							
Upholding public values in the realm of digitalization and artificial intelligence	Design for public good		Transition to low carbon and climate resilient society				Green infrastructure and nature based solutions for climate change adaptation
Understanding everyday experiences of unsafety, and develop policies fighting it	Strengthening Creative sectors		Sustainable management of water and other environmental resources				Energy transition
Preventing isolation and radicalization	Boosting innovation and entrepreneurship		Access to quality childcare, education and health services				Safe and comfortable public spaces

With the reference to the roles of cities and municipalities in service and infrastructure development and participation process facilitation, linkages to political decision making, as well as to versatile background studies conducted for public policy and plan making, more detailed information on the objectives were collected (Engaged Research Strategy Forum 2, by UNIC4ER TF + UNIC Cities) (Tables 3-10.).

These documents justify each UNIC city’s Engaged Research challenges and provide timely background information for Engaged Researchers looking for shared interests.

Table 2. Rotterdam: Local Engaged Research Roadmap (16/8/2022) justification and background.

Engaged Research challenge	Policy document	URL
1 Promoting social cohesion and participation in neighbourhoods with high degree of residential mobility	Beleidsplan Maatschappelijke Ondersteuning en Jeugdhulp (2021-2026) "Heel de Stad"	https://rotterdam.raadsinformatie.nl/document/9675711/2/21bb1119
	Policy documents related to Nationaal Programma Rotterdam-Zuid	https://www.nprz.nl/over-nprz/onze-documenten/uitvoeringsplan
	Policy documents related to Wijk aan Zet	https://rotterdam.raadsinformatie.nl/modules/1/ingekomen%20stukken/644366
2 Fighting drug crime, international trafficking networks and the allure of drug crime-related activities on young, disadvantaged groups	Programme 'Veilig@Rotterdam', 2018-2023	https://www.rotterdam.nl/wonen-leven/veilig/#:~:text=Het%20is%20onze%20ambitie%20een,criminaliteit%20en%20vermindering%20van%20overlast
	Drugs prevention and intervention, 2019-2022	https://www.rotterdam.nl/wonen-leven/alcohol-drugs/Preventie-en-handhavingsplan-Alcohol-Drugs-2019-2022_def-toegankelijk.pdf
3 Breaking the cycle of intergenerational poverty, health problems and low education	Beleidsplan Maatschappelijke Ondersteuning en Jeugdhulp (2021-2026) "Heel de Stad"	https://rotterdam.raadsinformatie.nl/document/9675711/2/21bb1119
	Contracting strategy 'Welfare'	https://rotterdam.raadsinformatie.nl/document/9623409/3/20bb17408
	Volksgezondheid en Zorg (Public Healthcare services)	https://www.watdoetdegemeente.rotterdam.nl/voorjaarsnota2021/programmas/volksgezondheid-en-zorg/
4 Invention of new economic models and labour market/life long learning opportunities, geared for sustainability, inclusivity and broad prosperity	Employment and income policy – budget	https://www.watdoetdegemeente.rotterdam.nl/begroting2021/programmas/werk-en-inkomen/
		https://www.watdoetdegemeente.rotterdam.nl/10maands2019/programmas/werk-en-inkomen/arbeidsparticipatie-

		werk/
	Masterplan Onderwijs – Bouwen aan de Toekomst – Onderwijs010	https://onderwijs010.nl/wp-content/uploads/2020/03/masterplan-onderwijsjaar_niet-toegankelijk.pdf
	Economische ontwikkeling	https://www.watdoetdegemeente.rotterdam.nl/begroting2021/programmas/economische-zaken/economische-ontwikkeling/
5 Strengthening modern governance structures with (semi)-private partners, societal organizations and citizen initiatives		https://www.watdoetdegemeente.rotterdam.nl/voorjaarsnota2021/programmas/bestuur-en-dienstverlenin/
6 Creating innovative housing models, in order to fight shortage, rising prices and climate change risks	Urban planning and development	https://www.watdoetdegemeente.rotterdam.nl/voorjaarsnota2021/programmas/stedelijke-inrichting-en-/
7 Climate change adaptation (resilience to heat, rising water levels, subsidence) and the Inclusion of vulnerable groups in the transition towards sustainability	Programma Rotterdams WeerWoord	https://klimaatadaptatienederland.nl/@243779/uitvoeringsagenda-rotterdam/
	Climate adaptation strategy	https://duurzaam010.nl/verhalen/rotterdamse-strategie-voor-klimaatadaptatie/
	City development	https://www.watdoetdegemeente.rotterdam.nl/voorjaarsnota2021/programmas/maatschappelijke-onderste/
	City maintenance (incl. Climate related issues)	https://www.watdoetdegemeente.rotterdam.nl/voorjaarsnota2021/programmas/beheer-van-de-stad/
8 Upholding public values in the realm of digitalization and artificial intelligence	‘De digitale stad’ (the digital city)	https://www.rotterdam.nl/wonen-leven/digitaal/
9 Understanding everyday experiences of unsafety, and develop policies fighting against it		https://www.watdoetdegemeente.rotterdam.nl/voorjaarsnota2021/programmas/openbare-orde-en-veilighe/
10 Preventing isolation and	Public order and safety	https://www.watdoetdegemeente

radicalization of groups with low trust in government, influenced by disinformation, social media and conspiracy theory		te.rotterdam.nl/voorjaarsnota2021/programmas/openbare-orde-en-veilighe/
	Radicalisation	https://www.rotterdam.nl/wonen-leven/radicalisering/ - Strategy: https://rotterdam.notubiz.nl/document/7097486/1/s18bb009821131151_tds

Table 3. Istanbul: Local Engaged Research Roadmap (16/8/2022) justification and background.

Engaged Research challenge	Policy document	URL
1 Building resilience against earthquakes and disasters		http://www.ibb.gov.tr/tr-TR/SubSites/DepremSite/Publishingimages/JICA_ENG.pdf
		https://www.journalagent.com/itujfa/pdfs/ITUJFA-18894-DOSSIER_ARTICLES-KUNDAK.pdf
		https://www.worldbank.org/en/country/turkey/brief/the-istanbul-seismic-risk-mitigation-project
2 Social cohesion and co-habitation		https://www.ibb.istanbul/Uploads/2021/3/goc-arastirmalari-24.03.2021.pdf
		https://mirekoc.ku.edu.tr/tr/yayinlar/raporlar-ve-politika-notlari/
		https://gocarastirmalaridernegi.org/tr/yayinlar/tespitler-ve-oneriler
3 Local democracy and participatory city management		https://www.ibb.istanbul/arsiv/33748/istanbul-uluslararasi-yerel-yonetimler-calist
		https://akademi.ibb.gov.tr/istanbul-yerel-yonetimler-akademisi-iletisim-ve-strateji-belgesi-

	hazirlandi/
	https://istanbulkentkonseyi.org.tr
	https://istanbulkentkonseyi.org.tr/ana-sayfa/faaliyet-raporu/
4 Circular city (against consumption)	http://www.skdturkiye.org/en/event/ii-circular-economy-week-of-turkey
	https://imece.com/ssir
	https://www.iso.org.tr/haberler/etkinlikler/dongusel-ekonomi-ve-kaynak-verimlilik-platformu-projesinin-lansmani-gerceklestirildi/
	https://donguseleekonomiplatformu.com
5 Heavy traffic, public transport, micro mobility	https://www.ibb.istanbul/Uploads/2020/2/iBB-STRATEJIK-PLAN-2020-2024.pdf
6 Social solidarity, sustainable social support (service based)	https://www.aile.gov.tr/#
7 Participation of youth in decision-making	https://ipa.istanbul/dergi/
	https://istanbulkentkonseyi.org.tr/ana-sayfa/faaliyet-raporu/
8 Design for public good (kentsel tasarım)	http://www.metropolkentseltasarim.com/surdurulebilir-istanbul-kentsel-tasarim-rehberi/
9 Strengthening creative sectors (handcraft, textile, 4D, AI, etc.)	http://www.yekon.org/public/yaratici-ekonomi-atolyesi-raporu.pdf
	https://www.kitapyurdu.com/kitap/yaratici-istanbul-amp-yaratici-sektorler-ve-kent/257354.html

	https://www.istka.org.tr/media/132576/yaratici-endustriler-mali-destek-programi-yes.pdf
	https://www.dr.com.tr/Kitap/Yaratici-Istanbul-Yaratici-Sektorler-ve-Kent/Yigit-Evren/Egitim-Basvuru/Gezi/Ulkeler-Kentler/urunno=0000000367220
10 Boosting innovation and entrepreneurship	https://www.ariteknokent.com.tr/tr

Table 4. Bochum: Local Engaged Research Roadmap (16/8/2022) justification and background.

Engaged Research challenge	Policy document	URL
1 Sustainable city & urban development Climate protection as a central task for environmental protection	„sustainability strategy“ (in progress until the end of 2022)	https://www.bochum.de/C125830C0042AB74/vwContentByKey/W2C93BF9207BOCMDE/\$File/Datenbank_Klima_oeffentlich.pdf
<ul style="list-style-type: none"> • 100% climate-neutral by 2035 ("climate-friendly level" of greenhouse gases per capita (less than 2 t CO²/inhabitant annually (for comparison Ø federal government: 11 t CO²/inhabitant) • 100% renewable by 2035 • Expansion of solar and greening projects • Creation of a sustainability database • Strengthening of sustainable educational offers 		https://www.bochum.de/C125830C0042AB74/vwContentByKey/W2CAUAZL631BOCMDE/\$File/KlimaCheck_gesamt.pdf
Effective climate change		

adaptation to secure the natural basis of life for everyone

- Strategies to protect against the consequences of the climate crisis such as heat, floods or heavy rain events
- Climate-resilient & climate-adapted city (keyword "Bochum as a climate-neutral, renewable sponge city")

Development of a sustainability strategy and implementation of the UN Sustainable Development Goals (SDGs)

2 Integration and cultural diversity

Equal access for all Bochum residents to the city's offers and services

Empowerment of all people living here to social, cultural and social participation

Anchoring of a culture of "diversity" in city administration and administrative processes

- Make integration more visible
- Open the city administration interculturally
- Combat racism and discrimination

[https://www.bochum.de/C125830C0042AB74/vwContentByKey/W2BPRGSB225BOCMDE/\\$FILE/Integrationskonzept.pdf](https://www.bochum.de/C125830C0042AB74/vwContentByKey/W2BPRGSB225BOCMDE/$FILE/Integrationskonzept.pdf)

3 Smart City & Digitalization of administration and society

Concept for Smart City Bochum

Development of a municipal smart city data platform

[https://www.bochum.de/C125830C0042AB74/vwContentByKey/W2BZFCML310BOCMDE/\\$File/SmartCityBochumKonzept.pdf](https://www.bochum.de/C125830C0042AB74/vwContentByKey/W2BZFCML310BOCMDE/$File/SmartCityBochumKonzept.pdf)

Digital urban society:

- Introduction of digital participation instruments
- Social and societal participation through digital equipment --> digital inclusion

Intelligent city management:

- Development of intelligent sensors in the urban area --> digital technologies to make Bochum cleaner, safer and more livable

4 Sustainable, barrier-free and smart mobility

Mobility concept of the city of Bochum

<https://www.bochum.de/mobilitaetskonzept>

Strengthening of local public transport and cycling as sustainable alternatives for mobility. The aim: to create optimal framework conditions to strengthen the environmental association and to make the switch from cars to buses, trains and bicycles attractive.

- Expansion of the Bochum cycle paths and development of a cycle traffic concept (<https://www.bochum.de/Tiefbauamt/Radverkehrs-konzept>)
- Expansion of the route network
- Improving the parking and commuting situation
- E-mobility

5 Internationalization & international networking

In progress

Development of a municipal

internationalization strategy

- Elimination of language barriers within the city administration
- Strengthening of global networking between city administration and local companies
- Linking international activities with the UN Sustainable Development Goals (SDGs)
- Strengthening of existing town partnerships through specific project work
- Development of an international urban society
- Creation of an international welcome culture for international students, for example

Table 5. Cork: Local Engaged Research Roadmap (16/8/2022) justification and background.

Irish model is highly centralized with a large dependence on Central Government resourcing and direction which tends to be multi-agency nationally and national government agency led at the local level (not city led). However, at the local level the Irish model is highly consultative and participatory (each city has a Local Community Development Committee and Public Participation Networks etc).

The ten challenges are drawn from the City Development Plan which is one document among others that frame city priorities. The development plan is connected to the national development plan, and very much centered around physical infrastructure urban planning and not social planning. However, information on priorities from the LECP has also been included.

<https://www.corkcity.ie/en/media-folder/community/local-economic-community-plan-pure-cork.pdf>

Engaged Research challenge	Policy document	URL
1 Compact Growth. Integrate	Cork City Development Plan	Chapter 3 in the Draft Cork City Development Plan 2022-2028

<p>land use and transport planning to reduce urban footprint and create urban regeneration:</p> <ul style="list-style-type: none"> • Transportation and Communications - Support measures to improve transport and telecommunications networks into and around Cork City and region • Housing - Clearly identify and plan responses to a range of housing issues experienced in Cork City to strengthen the economic and community development of the city 		<p>Chapter 6 of the National Development Plan 2021-2030 (NSO-1)</p> <hr/> <p>Cork City Local Economic & Community Plan</p> <p>Cork City Local Economic & Community Plan (LECP) 2016-2021 “Pure Cork - An Action Plan for the City” (pp. 71-99)</p>
<p>2 Neighbourhoods and Communities. Develop a sustainable, liveable city of neighbourhoods and communities based on the 15-minute city concept, ensuring that placemaking is at the heart of all development.</p> <ul style="list-style-type: none"> • Quality of Place - Build on Cork’s strong place quality assets and improve the attractiveness of the city for residents and visitors • Housing - Clearly identify and plan responses to a range of housing issues experienced in Cork City to strengthen the economic and community development of the city • Healthy City - To ensure Cork is a healthy city that connects to improve the health and well-being of all its 	<p>Cork City Development Plan</p> <hr/> <p>Cork City Local Economic & Community Plan</p>	<p>Chapter 12 in the Draft Cork City Development Plan 2022-2028</p> <p>throughout the National Development Plan 2021-2030 (especially chapters 6 (NSO-1), 13 (NSO-8) and 15 (NSO-10))</p> <p>Cork City Local Economic & Community Plan (LECP) 2016-2021 “Pure Cork - An Action Plan for the City” (pp. 71-99)</p>

<p>people, reduces health inequalities and recognises the need for a holistic approach to health and well-being</p> <ul style="list-style-type: none"> • Social Inclusion and Equality - To reduce the marginalisation of specific communities within the city. • Community Participation - Enhance and affirm the PPN as a key vehicle to represent social inclusion, community, voluntary and environmental interests 		
<p>3 Sustainable and Active Travel. To implement the Cork Metropolitan Area Transport Study (CMATS) and develop a transformed sustainable transport system with a significant shift toward walking, cycling and public transport and to enshrine this principle in all developments across the City</p> <ul style="list-style-type: none"> • Transportation and Communications - Support measures to improve transport and telecommunications networks into and around Cork City and region 	<p>Cork City Development Plan</p> <hr/> <p>Cork City Local Economic & Community Plan</p>	<p>Chapter 9 of the National Development Plan 2021-2030</p> <p>Chapter 9 the National Development Plan 2021-2030 (NSO-4)</p> <p>The Cork Metropolitan Area Transport Strategy (CMATS) 2040</p> <p>Revised National Development Plan (Covid Response Plan)</p>
<p>4 Enhanced Built and Natural Heritage. Protect, enhance, support and develop our built and natural heritage, our open spaces and parks, and our green and blue infrastructure, and expand our built heritage with new buildings, townscapes and public spaces achieved through the highest standards of</p>	<p>Cork City Development Plan</p> <hr/> <p>Cork City Local Economic & Community Plan</p>	<p>Chapter 8 in the Draft Cork City Development Plan 2022-2028</p> <p>Chapter 12 of the National Development Plan 2021-2030 (NSO-7)</p> <p>Cork City Local Economic & Community Plan (LECP) 2016-2021 “Pure Cork - An Action Plan for the City” (pp. 71-99)</p>

architecture and urban design.

[for the City”](#) (pp. 71-99)

- Quality of Place - Build on Cork’s strong place quality assets and improve the attractiveness of the city for residents and visitors
- Healthy City - To ensure Cork is a healthy city that connects to improve the health and well-being of all its people, reduces health inequalities and recognises the need for a holistic approach to health and well-being
- Safe and Green City - To ensure Cork is a safe and green city with a secure and sustainable environment in which to live, work and play

5 A Strong and Diverse Economy. Support Cork City’s role as the economic driver for the region and the creation of a strong, resilient, diverse and innovative economy.

Cork City Development Plan

[Chapter 7 in the Draft Cork City Development Plan 2022-2028;](#)
[Chapter 10 of the National Development Plan 2021-2030](#)
(NSO-5)

- Economic Diversity - Support the maintenance of a diverse economic base within the city
- Competitiveness through Strategic Governance - Co-operate with other stakeholders to deliver the strategic governance that ensures the Cork Gateway remains a competitive location for economic activity and also to maintain the excellent quality of life

Cork City Local Economic & Community Plan

[Cork City Local Economic & Community Plan \(LECP\) 2016-2021 “Pure Cork - An Action Plan for the City”](#) (pp. 71-99)

<p>available in Cork which underpins the Gateway's competitiveness</p> <ul style="list-style-type: none"> • Innovation - Support innovation in the local economy • Social Economy - To ensure the vibrant social economy sector is supported and enhanced 		
<p>6 Urban Resilience. Contribute to a framework for the transition to a low-carbon and climate-resilient City, resilient to extreme weather events, pandemics, economic cycles and other potential shocks.</p> <ul style="list-style-type: none"> • Safe and Green City - To ensure Cork is a safe and green city with a secure and sustainable environment in which to live, work and play • Innovation - Support innovation in the local economy 	<p>Cork City Development Plan</p> <hr/> <p>Cork City Local Economic & Community Plan</p>	<p>Chapter 5 in the Draft Cork City Development Plan 2022-2028; Chapter 13 of the National Development Plan 2021-2030 (NSO-8);</p> <hr/> <p>Cork City Local Economic & Community Plan (LECP) 2016-2021 "Pure Cork - An Action Plan for the City" (pp. 71-99)</p>
<p>7 Healthy, Inclusive and Diversity City. Build on Cork City's status as a World Health Organisation designated Healthy City, offering an inclusive and vibrant environment for all whilst promoting healthy living and well-being.</p> <ul style="list-style-type: none"> • Healthy City - To ensure Cork is a healthy city that connects to improve the health and well-being of all its people, reduces health inequalities and recognises the need for a holistic approach to 	<p>Cork City Development Plan</p> <hr/> <p>Cork City Local Economic & Community Plan</p>	<p>Chapter 3 in the Draft Cork City Development Plan 2022-2028 ; Chapter 15 of the National Development Plan 2021-2030 (NSO-10)</p> <hr/> <p>Cork City Local Economic & Community Plan (LECP) 2016-2021 "Pure Cork - An Action Plan for the City" (pp. 71-99)</p>

- health and well-being
- Social Inclusion and Equality - To reduce the marginalisation of specific communities within the city, taking into account the nine grounds and socio-economic status
- Older People - To develop integrated responses to the needs of older people, promoting their inclusion and contribution in all areas of life and responding
- Children and Young People - To develop integrated responses to the needs of children and young people and improve outcomes through local inter-agency working
- Social Inclusion and Equality - To reduce the marginalisation of specific communities within the city.

8 Connectivity - digital and smart. Cork City will continue to be a highly connected city providing local, regional, national and international connectivity.

Cork City Development Plan

[Chapter 7 in the Draft Cork City Development Plan 2022-2028;](#)
[Chapter 11 of the National Development Plan 2021-2030](#)
 (NSO-6)

- Transportation and Communications - Support measures to improve transport and telecommunications networks into and around Cork City and region
- Social Inclusion and Equality - To reduce the marginalisation of specific communities

Cork City Local Economic & Community Plan

[Cork City Local Economic & Community Plan \(LECP\) 2016-2021 "Pure Cork - An Action Plan for the City"](#) (pp. 71-99)

within the city.		
<p>9 Learning and Culture. To build on Cork’s designation as a UNESCO Learning City and the city’s rich cultural heritage and to foster learning, culture, heritage and the arts throughout the City.</p> <ul style="list-style-type: none"> • Skills and Human Capital - Develop skills within the Cork area to match the needs of existing and future businesses. Provide support services for the unemployed and to help maintain and expand businesses in areas of high unemployment • Education and Learning - To support the culture of learning in Cork by promoting lifelong learning, access to education for all and skills development 	Cork City Development Plan	Chapter 8 in the Draft Cork City Development Plan 2022-2028; Chapters 10, 12 & 15 in the National Development Plan 2022-2028 (NSO-5, 7 & 10)
	Cork City Local Economic & Community Plan	Cork City Local Economic & Community Plan (LECP) 2016-2021 “Pure Cork - An Action Plan for the City” (pp. 71-99)
<p>10 Green (Mostly Cross Cutting).</p> <ul style="list-style-type: none"> • Safe and Green City - To ensure Cork is a safe and green city with a secure and sustainable environment in which to live, work and play. 	Cork City Development Plan	Draft Cork City Development Plan 2022-2028 Draft National Development Plan 2022-2028
	Cork City Local Economic & Community Plan	Cork City Local Economic & Community Plan (LECP) 2016-2021 “Pure Cork - An Action Plan for the City” (pp. 71-99)

Table 6. Bilbao: Local Engaged Research Roadmap (16/8/2022) justification and background.

Engaged Research challenge	Policy document	URL
<p>1 Improving the environmental sustainability of the city (mobility and zero emissions, climate change, green ring and BNS...)</p> <ul style="list-style-type: none"> Committed to sustainability. Challenges such as continuing to address the global climate emergency 	<p>Mandate Plan 2019-2023</p> <p>Strategic Projects: ♣ Pact for Sustainable Urban Mobility</p> <p>Lines of action: 3. Transport, mobility and accessibility. 7. Sustainability and urban transformation</p> <p>Actions: 3.1 Bilbao Intermodal 3.2 Extend the tram network 3.3 Develop a railway solution to link the neighborhoods of the southern zone with the city center 3.4 Encourage the use of bicycles in the city 3.5 Expand the cycle network 3.6 Study of new OTA zones and possible extension of the same 3.7 Encourage the use of electric vehicles 3.8 New Parking and Parking Ordinance 3.9 New Mobility Ordinance 3.10 Renewal of the BilboBus fleet incorporating new units of electric and hybrid vehicles 7.1 Implementation of the Bilbao Environmental Strategy 7.2 Dynamization and development of Artxanda 7.3 Plan to Revitalize the Ría 7.4 Plan to Revitalize the Bilbao Parks 7.5 Approval of the urban planning of the Abando Station 7.6 Final approval of the Punta Zorrotza Special Plan 7.7 Final approval of the Peñaskal Special Plan 7.8 Final approval of the General Urban Planning Plan 7.9 Constitution of the Board Agreement of the Execution Unit 2 of Zorrotzaurre 7.10 Progress in the urbanization of Zorrotzaurre (north point, south point and right bank) 7.11</p>	<p>https://www.bilbao.eus/cs/Satellite?c=Page&cid=1279123253084&language=en&pageid=1279123253084&pagename=Bilbaone%2FPage%2FBIO_contenidoFinal</p>

	<p>Implementation of the Hospitality Terraces Plan 7.12 Development of the Local Agenda 21 7.13 Optimization of the water cycle 7.14 Citizen awareness of recycling (circular economy) 7.15 Promotion of urban green areas</p>	
<p>2 Keep on providing quality services that cover all neighbourhood</p> <ul style="list-style-type: none"> With quality services that reach all its neighbourhoods and with quality of life for all people. Challenges such as the urban rejuvenation of our most historic neighbourhoods 	<p>Mandate Plan 2019-2023</p> <p>Strategic Projects: ♣ Pact for the Neighborhoods.</p> <p>Lines of action: 8. Neighborhood development.</p> <p>Actions: 8.1 Improvement of District Municipal Centers. 8.2 Review and improvement of participation processes for the prioritization of works in neighborhoods (AuzokidePlana). 8.3 Extension of free Internet connection via WiFi to areas and leisure facilities in neighborhoods reducing the gap digital. 8.4 Continue with the development of the Neighborhood Hearts. 8.5 Improve the accessibility of the upper neighborhoods. 8.6 Urban Regeneration Plan for the neighborhoods of Bilbao. 8.7 Preparation of the Nightlife Noise Map</p>	<p>https://www.bilbao.eus/cs/Satellite?c=Page&cid=1279123253084&language=en&pageid=1279123253084&pagename=Bilbaone%2FPage%2FBIO_contenidoFin</p>
<p>3 An increasingly socially cohesive city (aging, young people, migrants, universal accesibility, homeless...)</p> <ul style="list-style-type: none"> Increasingly cohesive. Challenges such as social rejuvenation, because we must ensure that more young people choose Bilbao to develop their personal 	<p>Mandate Plan 2019-2023</p> <p>Strategic Projects: ♣ Pact for Social Policies. ♣ Bilbao, university city. ♣ Agreement for Security.</p> <p>Lines of action: 2. Social policies. 4. Youth, values, education and training. 6. Coexistence and security</p>	<p>https://www.bilbao.eus/cs/Satellite?c=Page&cid=1279123253084&language=en&pageid=1279123253084&pagename=Bilbaone%2FPage%2FBIO_contenidoFin</p>

and professional life projects

Actions: 2.1 Day Center for the care of the elderly. 2.2 Respite Service for carers. 2.3 Day Center for the care of people at risk of exclusion. 2.4 Positive parenting program. 2.5 Support for all people in Bilbao in social emergency situations. 2.6 Child and Adolescent Friendly City. 2.7 Elderly Friendly City. 2.8 “Mirada Activa” Program. 2.9 Pact for Social Policies. 2.10 Promotion of empowerment and socio-political participation of women. 2.11 Excellence in care for women victims of violence of gender. 2.12 Workshops on the prevention of sexist violence in the youth sphere. 2.13 Policies in favor of sexual diversity. 2.14 V Municipal Plan for the Equality of Women and Men.. 2.15 New Housing Master Plan 2.16 I Municipal Health Plan. 2.17 New Plan to minimize the effects of addictions.. 2.18 New Master Plan for Development Cooperation 4.1 Bilbao Ciudad Universitaria and Knowledge.. 4.2 Opening of new Haurreskola.k 4.3 Promotion of the “Educating Cities” project 4.4 Deployment of the “Bilbao City of Values” project 4.5 Improvement in proximity of municipal leisure and sports programming for the adolescent population 4.6 New program for the promotion of youth volunteering 4.7 Bilbao Hiri Gaztea (Municipal Youth Strategy) 4.8 Improvement of support services for family reconciliation. 6.1 Increase the workforce of the Bilbao Municipal Police 6.2 Implement a comprehensive care model based on neighborhood and community police 6.3 Open new

police stations to have a greater police presence on the street
 6.4 Extend safety workshops in neighborhoods
 6.5 Promote the EraStop APP
 6.6 Minimize points of insecurity in neighborhoods
 6.7 Extend the work of the Coexistence Observatory to more neighborhoods
 6.8 New Municipal Plan for Citizenship and Diversity

4 To continue developing a city that is even more attractive for investment and employment generation (economies of added value, CCI, economies of proximity, care economies...)

- Attractive for investment and employment generation. The economic and employment challenge, because we must continue working to be an attractive city for new business investment and a driving force for the economy, with more stable and quality employment

Mandate Plan 2019-2023

Strategic Projects: ♣ Zorrotzaurre, the Island of Knowledge. ♣ Bilbao, university city. ♣ Bilbao, entrepreneurial city. ♣ Bilbao, cultural capital. ☑ Promotion of commerce and leisure. ♣ Improvement of our connectivity.

Lines of action: 1. Economic activity and employment

Actions: 1.1 Innovative Urban District of Zorrotzaurre. Deployment of the first phase of the Urban Technology Park
 1.2 Development of the Advanced Services center for industry 4.0 and the digital economy AS Fabrik
 1.3 Start-up of the "Nagusi Intelligence Center" (NIC)
 1.4 International Entrepreneurship Center, as a space of excellence in advanced entrepreneurship
 1.5 Consolidate Big Bilbao as a reference service for local entrepreneurship
 1.6 New spaces of opportunity for the establishment of companies and the generation of employment in Bilbao
 1.7 Start-up of the Social and Solidarity Economy Pole in Bilbao la Vieja
 1.8 Development of the Casco Viejo

https://www.bilbao.eus/cs/Satellite?c=Page&cid=1279123253084&language=en&pageid=1279123253084&pagename=Bilbaone_t%2FPage%2FBIO_contenidoFin_al

as a commercial, cultural and coexistence space 1.9 Comprehensive Plan for Local Commerce to strengthen Bilbao's commercial capital status 1.10 Promote and comprehensive development of the "Bilbao Smart City" strategy 1.11 Promote digital innovation in tourism to turn Bilbao into a tourist destination (BIOTIP) 1.12 Employment Plans and education and training programs 1.13 Annual publication of the Public Employment Offer 1.14 Invest in Bilbao-Biscay: deepen the service for attracting new companies to Bilbao 1.15 Promote the recruitment and holding of international events 1.16 Bilbao Port and Airport

5 Continue working on the value-based city, especially equality between women and men

- With solid shared values, among which the value of effective equality between women and men stands out. The challenge of continuing to maintain every day the very high level of coexistence and civic values that we enjoy in Bilbao

Mandate Plan 2019-2023

Strategic Projects: ♣ City of Values. ♣Pact for Social Policies.

Lines of action: 4. Youth, values, education and training. 5. Culture and sport. 6. Coexistence and security 9. Bilbao Euskaldun

Actions: 4.1 Bilbao City of Universities and Knowledge 4.3 Promotion of the “Educating Cities” project 4.4 Deployment of the “Bilbao City of Values” project 4.5 Improvement in terms of proximity of the municipal leisure and sports programming for the adolescent population 4.6 New program for the promotion of youth volunteering 4.7 Bilbao Hiri Gaztea (Municipal Youth Strategy) 4.8 Improvement of support services for family reconciliation 5.1 Expansion of

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Bilbao Arte 5.2 Expansion of the Museum of Fine Arts 5.3 Promotion of Bilbao as City of Music 5.4 Modernization and expansion of Euskal Museoa 5.5 Bilbao Kultura 365 5.6 Consolidation of Azkuna Zentroa as a Center for Society and Contemporary Culture 5.7 Strengthening of the link between the City Council and the Guggenheim Bilbao Museoa 5.8 New Strategic Cultural Plan 5.9 Strengthening the Arriaga Theater as a benchmark in programming and stage production 5.10 Promotion of the rugby and its values 5.11 Nuevo Frontón de la Esperanza 6. 1 Increase the workforce of the Bilbao Municipal Police 6.2 Implement a comprehensive care model based on neighborhood and community police 6.3 Open new police stations to have a greater police presence on the street 6.4 Extend safety workshops in neighborhoods 6.5 Promote the APP EraStop 6.6 Minimize points of insecurity in neighborhoods 6.7 Extend the work of the Coexistence Observatory to more neighborhoods 6.8 New Municipal Plan for Citizenship and Diversity 9.1 New Plan for the Normalization of the use of Euskera 9.2 Lehenengo hitza euskaraz 9.3 Bilbon euskaraz bizi

6 City collaborative and participatory governance model.

- Therefore, just as important as defining the priority projects to be tackled is establishing a clear and transparent system for

Mandate Plan 2019-2023

Lines of action: 10.

Transparency, participation, rigor and good management

Actions: 10.1 Consolidation and standardization of the e-Administration 10.2 Review and

https://www.bilbao.eus/cs/Satellite?c=Page&cid=1279123253084&language=en&pageid=1279123253084&pagename=Bilbaone%2FPage%2FBIO_contenidoFin al

<p>monitoring, evaluation and accountability. Offering the instruments and spaces that enable the real participation of citizens and key agents of the territory throughout this process</p>	<p>improvement of the Participatory Budget process 10.3 Updating of the Transparency Portal with a view to its continuous improvement 10.4 Improving information for citizens from the perspective of universal accessibility and design for all</p>
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Table 7. Liège: Local Engaged Research Roadmap (16/8/2022) justification and background.

Engaged Research challenge	Policy document	URL
<p>1 How to ensure the continuity and development of inclusion and diversity policies?</p> <ul style="list-style-type: none"> Strengthen complementarity and cooperation between the different institutions, levels of power and sectors to meet the needs of the population (employment, training, social action, health, housing) for new process (one-stop-shop, hub,) 		<p>https://www.liege.be/fr/vie-communale/ville-engagee/liege-se-declare-ville-hospitaliere-responsable-accueillante-et-ouverte</p> <p>https://www.liege.be/fr/vie-communale/projet-de-ville/liege-2025/actualites/programme-strategique-transversal-issu-de-la-demarche-participative-liege-2025</p>
<p>2 How to facilitate the transition process of the city through committed research and innovation projects?</p> <ul style="list-style-type: none"> Reorganisation of mobility (tram, soft mobility, parking), nature in the city (Canopy Plan, development of green public spaces, sustainable food), new forms of economic 		<p>https://www.liege.be/fr/vie-communale/projet-de-ville/liege-2025/actualites/programme-strategique-transversal-issu-de-la-demarche-participative-liege-2025</p> <p>https://www.liege.be/fr/vie-communale/services-communaux/mobilite/plan-communal-de-mobilite</p> <p>https://canopee.liege.be/</p>

activity in the city,
housing issues
(production of
accessible housing for
all, energy renovation of
the stock and
sustainable energy
production)

<https://www.liege.be/fr/vivre-a-liege/commerce/alimentation-locale>

3 Eradicate homelessness by improving data quality and by shifting the paradigm towards the Housing first/housing led approach

The City of Liège has engaged in the URBACT roof project to design, implement and evaluate an integrated action plan that aims to eradicate homelessness by improving data quality and by shifting the paradigm towards the Housing first/housing led approach.

The objective of this paper is to define the structure of the future integrated action plan. It will identify concrete actions and those responsible for their design and implementation.

The document has been drawn up on the basis of the URBACT Guidelines for co-producing an integrated action plan (may 2020).

The result is the *design of a housing pathway for the homeless people*. It is structured around new mechanisms: the one-stop shop, funding for new support professions, the creation of an observatory, the housing taskforce and new ways of accessing housing.

4 Towards a more participatory and collaborative city

<https://www.liege2025.be/>

- The City of Liège has decided to create a new Direction for Citizen Participation. The challenge is to design and implement a new model of citizen participation that is

more inclusive and transversal.

Table 8. Oulu: Local Engaged Research Roadmap (16/8/2022) justification and background.

The municipalities represent the local level of administration in Finland and act as the fundamental, self-governing administrative units of the country. Municipalities have the right to levy a flat percentual income tax and they provide two thirds of public services. The municipalities organise services for their residents. Most of these services are defined by law as being duties of local government. Local government's statutory duties cover the following:

- Education and early childhood education and care
- Cultural, youth, library and sports services
- Urban planning and land use
- Water and waste management
- Environmental services
- Health and social services (will be transferred to the counties as part of the health and social services reform)
- Fire and rescue services (will be transferred to the counties as part of the rescue services reform)

In addition to the statutory duties, the municipalities may assume other tasks of self-government themselves. These generally concern the economy, employment and housing. The municipalities have a key role in organizing local citizen participation.

Engaged Research challenge	Policy document	URL
1 Becoming most enterprise friendly international growth center <ul style="list-style-type: none">• Ensuring the competitiveness and renewal of companies• Improving the availability of skilled labor force• Development of networks and ecosystems• Improving the	City Strategy Oulu 2030	Kaupunkistrategia Oulu 2030 (ouka.fi)

<p>accessibility of Oulu, the logistic hub of the Northern Finland</p>	<p>2 Strengthening the attraction and traction</p> <p>City Strategy Oulu 2030</p> <p>Kaupunkistrategia Oulu 2030 (ouka.fi)</p> <ul style="list-style-type: none"> • Lively and intriguing urbanism, balanced community, creative economy • Growth by tourism • Development of well-functioning,, healthy and secure urban environment
<p>3 Carbon neutrality</p> <p>City Strategy Oulu 2030</p> <p>Kaupunkistrategia Oulu 2030 (ouka.fi)</p> <ul style="list-style-type: none"> • Climate change mitigation and adaptation • Sustainable urban structure • Nature-based solutions 	<p>4 Everyone has the opportunity to live a healthy and secure life</p> <p>City Strategy Oulu 2030</p> <p>Kaupunkistrategia Oulu 2030 (ouka.fi)</p> <ul style="list-style-type: none"> • Enabling of human encounters, communality and secure living environments • Support the citizens' well-being via health promotion • Enabling of the active and sporty way of life, and meaningful activities • Service provision in collaboration with the new Wellbeing services counties
<p>5 Education builds a sustainable and international Oulu</p> <p>City Strategy Oulu 2030</p> <p>Kaupunkistrategia Oulu 2030 (ouka.fi)</p>	

<ul style="list-style-type: none"> • Raising well, caring and active citizens together, in strong education and expertise networks • Matching future skilled labor force with jobs 		
6 Impactful services, sustainable economy and well-feeling personnel <ul style="list-style-type: none"> • Improvement of citizens' service experience • Sustainable and responsible urban governance • Attractiveness of the city organization as an employer 	City Strategy Oulu 2030	Kaupunkistrategia Oulu 2030 (ouka.fi)
7 Taking advantage of the digitalization opportunities		

Table 9. Zagreb: Local Engaged Research Roadmap (16/8/2022) justification and background.

Engaged Research challenge	Policy document	URL
1 Poverty risk		https://www.zagreb.hr/sektor-za-socijalnu-politiku/175792 https://www.zagreb.hr/userdocs/images/gu%20za%20strategijsko%20planiranje/RSZG%202020%20%20ENG_digital.pdf
2 Reintegration of NEFTS		https://www.zagreb.hr/sektor-za-socijalnu-politiku/175792 https://www.zagreb.hr/userdocs/images/gu%20za%20strategijsko%20planiranje/RSZG%202020%20%20ENG_digital.pdf
3 Lack of affordable housing		https://www.zagreb.hr/sektor-za-socijalnu-politiku/175792

	https://www.zagreb.hr/userdocs/images/gu%20za%20strategijsko%20planiranje/RSZG%202020%20%20ENG_digital.pdf
4 Urban Mobility	https://www.zagreb.hr/kontakti/175280
5 Brownfield Development	https://www.zagreb.hr/sektor-za-gospodarstvo-poduzetnistvo-turizam-i-inv/175738
6 Sustainable Waste Management	
7 Urban renewal of the historic center	
8 Green infrastructure and NBS for climate change adaptation	
9 Energy transition	
10 Safe and comfortable public spaces	

UNIC4ER will advance the elaboration of the Malmö and Lodz Local Engaged Research Roadmaps, for further enhanced capacity for RDI projects that include cities as partners.