



The Urban Lab of Europe !



CALL 3



European Union
European Regional
Development Fund



Région
Hauts-de-France



AIR

QUALITY



AIR

QUALITY



AIR QUALITY

ERDF Budget:

€ 3,775,181.60

AIX-MARSEILLE
Provence

The **DIAMS** project aims to tackle the Metropole's air quality problems by establishing an alliance to bring together citizens, community leaders as well as private and public stakeholders. By building an open source data-exchange platform focused on service delivery, the project aims to achieve five strictly interrelated objectives. First it aims to improve air quality information and produce high quality, detailed and adaptive data by combining the power of IoT, citizens' science and experienced local actors. It will also enable a fluid territorial air quality data exchange among urban, regional and national authorities to facilitate integrated planning. The wealth of data collected will be designed as a source of inspiration for citizens and private sector creativity to co-design innovative solutions to air pollution. Last but not least the project aims to provide adaptive and personalised information on air quality and related measures to citizens. By shaping citizen-driven air policies and innovative business models the projects will actively contribute to the creation of economic and social value for the Metropole's large population.

Partnership:

Aix-Marseille Provence Metropole; **1 air quality observatory:**

AirPACA; **1 research company:** ARIA Technologies;

1 non-profit public-private: Cooperative ALab in the Air;

1 postal service company: Mobigreen – La Poste;

1 IT-training company: Matrice; **1 cooperative company:**

L'Air et Moi; **1 Air Quality measuring company:** Groupe Tera;

1 agency of cities and territories: AVITEM

Aix-Marseille Provence



AIR QUALITY

ERDF Budget:

€ 2,544,876.12

Municipality of BREDA

Gemeente Breda

The **AirQon** project aims at substituting diesel generators with an energy supply system based on Electric Vehicle (EV) batteries to provide off-grid energy for outdoor festivals and events. The solution is based on introducing an innovative technology (V2Box) to control bi-directional energy flow to and from EV batteries.

This is supported by societal innovation: building up and managing a community of EV owners willing to fuel open-air events with clean electricity. Demand and supply will be matched through an online platform and mutually beneficial incentive schemes.

The final ambition is to ensure that around 35% of all events will be utilising V2Box technology for their off-grid energy demand preventing nearly 80,000 litres of diesel to be burnt in generators yearly in Breda. The project will induce higher awareness of clean energy sources and more conscious behaviour and it will explore how the technology and its business model could be applied in other contexts (generators for hospitals, public buildings, etc.).

Partnership:

Municipality of Breda; **4 energy transition companies**

focused on: energy transition technologies (SBPF), software solutions (iHomer), technical and social needs (Faraday Keys) and festival energy layouts (ZAP Concepts);

2 festival organisers: Kairos Events, Breda Barst;

1 EV fleet provider: Buurauto; **1 car dealer:** Nissan Breda;

1 research institute: IRAS

Breda



AIR QUALITY

ERDF Budget:

€ 4,561,260.28

City of **HELSINKI**

Helsingin kaupunki

The main purpose of **HOPE** project is to empower citizens to develop their own districts and help them plan their lives based on empirical data and science-based information concerning air quality.

In-depth knowledge of the kind of exposure individuals from different backgrounds go through in their daily lives will be offered through a comprehensive sensor network and development of air quality index 2.0 which offers more health oriented and user centric approach than the existing AQ index. A platform will gather all the data triggering new innovative solutions while supporting a participatory budgeting model to involve users co-designing and co-developing, co-choosing AQ interventions. The expected intervention will be investments for new equipment as well as actions to facilitate individual and collective behavioural changes. The project final ambition is to create a feedback loop between high resolution hyperlocal air quality data and actions of individuals and communities through co-design and participative budgeting.

Partnership:

City of Helsinki; **1 higher education and research institute:** University of Helsinki; **1 private enterprise:** Vaisala Plc; **1 regional public authority:** Helsinki Region Environmental Services Authority; **1 national public authority:** Finnish Meteorological Institute; **1 SME:** Useless Company Ltd and **1 innovation center:** Forum Virium Helsinki

Helsinki.



AIR QUALITY

ERDF Budget:

€ 2,073,503.96

City of Ostrava

Statutární město Ostrava

Despite restructuring of the industry and numerous measures taken to improve the air quality in Ostrava, the air pollution remains one of the city's biggest environmental problems. The key objective of **CLAIRO** project is to gradually and systematically decrease air pollution through comprehensive planning and planting of municipal greenery with proved positive impact to air quality. Building on accurate measurement, robust data, new scientific solutions and involvement of experts from different sectors, a new methodology will be tested facilitating the design of city greenery in the most efficient structure and composition taking into account natural conditions e.g. airflow. The project will test new solutions in the field of plants with evidence-based impact to air quality and share these with other cities of the cross-border Silesian conurbation. The resistance of plants will be strengthened through new phytohormones and biostimulants to maximize the effect of the vegetation while a new generation of sensors will allow fast, short-term measurements of both organic and inorganic substances.

Partnership:

Municipality of Ostrava; **1 regional authority:** Moravian-Silesian Region; **4 higher education and research institutes:** Silesian University in Opava; Technical University of Ostrava; Palacky University Olomouc; SOBIC Smart & Open Base for Innovations in European Cities and Regions; **1 ministry:** Ministry of Regional Development of the Czech Republic; **1 regional organisation:** Regional Association of Territorial Cooperation of Teschen Silesia

Ostrava



AIR QUALITY

ERDF Budget:

€ 3,274,475.68

City of **PORTICI**
Comune di Portici

The **AIR-HERITAGE** project aims to improve the air quality conditions in Portici by developing an integrated framework that brings together citizens, urban authorities and environmental protection agencies to design and implement science based air quality policies. Core of the project is the development of high resolution pollutant mapping capability. It will be built by fusing data produced by an air quality monitoring network integrating regulatory monitoring stations, fixed stations and citizens' mobile personal exposure analysers. Data will be used to fuel a new Air Quality Policy Decision Support System. Through stakeholder involvement, groups will be trained with specific campaigns and ad-hoc tasking to cooperate as well as monitor actions during their usual mobility pattern. Citizen engagement in air quality policies will be enhanced through availability of personal exposure, feedback and targeted data sharing creating a crowd sensing social network that will become part of the city's policy making process. The project seeks to improve public authorities' capability to design efficient, responsive and participative policies.

Partnership:

Municipality of Portici; **2 higher education and research**

institutes: Italian National Agency for New Technologies, Energy and Sustainable Economic Development; University of Naples Federico II – Department of Agricultural Sciences;

1 NGO: Legambiente Campania Onlus; **1 regional authority:** Campania Regional Agency for Environment Protection;

1 SME: Terraria Srl.

Portici

CLIMATE ADAPTATION



CLIMATE

ADAPTATION



CLIMATE ADAPTATION

ERDF Budget:

€ 4,814,248.00

City of **AMSTERDAM**

Gemeente Amsterdam

The RESILIO project aims to create a network of Smart Innovative climate-adaptive blue green rooftops. The proposed solution will bundle innovations in IoT, roof technology, governance and business modelling to create an entirely new type and scale of micro water management for locally optimised climate adaptation. Smart control of the captured water will enable optimisation between water retention capacity (storm water buffering to reduce pluvial flooding) and water availability (for cooling, drought mitigation, plant irrigation, replenishing groundwater, grey water systems) at building, neighbourhood and city scale. A software tool will be designed for roof owners and service providers to offer real-time suggestions for the release and retention of rooftop water.

The proposed solution will be successively implemented on 10.000 m² of social housing rooftops in 4 pilot areas in Amsterdam following an iterative improvement process. The sequential pilots will see increasingly comprehensive citizens' participation processes, with the objective of working directly with 1500 citizens.

Partnership:

City of Amsterdam; **2 higher education and research**

institutes: Hogeschool van Amsterdam; Vrije Universiteit;

1 public water management company: Waternet;

2 SMEs: Polderdak; Consolidated;

3 social housing public companies: Stadgenoot; De Key; Ymere; **1 foundation:** Rooftop Revolution

Amsterdam



CLIMATE ADAPTATION

ERDF Budget:

€ 3,997,969.76

BARCELONA City Council

Ajuntament de Barcelona

The **GBG_AS2C** project will address the heat island effects in the City of Barcelona and prepare the city to face predicted increasingly high temperatures in summer, by transforming 10 pilot schools into climatic shelters.

Considering their low degree of adaptation to heat, but also their spatial distribution throughout the city as well as their great level of penetration within communities, schools are relevant spaces for adapting the city to climate change for the benefit of all. The project will implement a package of measures designed through a participatory process, introducing blue (aquatics playgrounds), green (greening playgrounds) and grey (traditional) components in schools in order to convert them into climatic shelters - not only for students, but also for summer school camps and all citizens outside of school time, as a refreshing and shaded leisure facility. In parallel, a climate change educational project will be adopted to contribute to climate change awareness, including the involvement of children and school professionals in the health assessment process.

Partnership:

Barcelona City Council; **2 sectoral agencies:** Public Health Agency of Barcelona; Barcelona Consortium of Education;

1 public service provider: Barcelona Cycle of Water;

2 higher education and research institutes: Barcelona Institute for Global Health; Institute for Environmental Science and Technology UAB; **1 school:** Vila Olímpica School

Barcelona



CLIMATE ADAPTATION

ERDF Budget:

€ 4,559,842.80

**Greater MANCHESTER
Combined Authority**

The **IGNITION** project addresses the problem of lack of investment in nature-based solution (NBS) projects, for which experience shows that a minimum investment threshold between 10 and 50 M€ is required to attract investors. The project proposes to establish new funding, delivery and long-term maintenance mechanisms for NBS projects to meet this target. A new permanent facility will be built to serve as innovation centre to demonstrate different NBS products and designs, monitor and evaluate their performance, and provide information to potential investors in NBS.

The project solution will include the following elements:

- 1) Establishment of a pipeline of NBS projects to increase Greater Manchester urban green infrastructure by 10% by 2038, and establish phases valued at €10m+ to attract investment;
- 2) Establishment of innovative business models and financing mechanisms to enable investment in Phase 1 of the pipeline;
- 3) Building investor confidence in GM NBS projects;
- 4) Set up of a GM Climate Adaptation Services Company to deliver Phase 1 of the aforementioned pipeline.

Partnership:

Greater Manchester Combined Authority and

2 municipalities: Manchester City Council; Salford City Council; **1 environmental agency:** Environment Agency; **3 business community representatives:** Business in the Community; United Utilities; UK Green Building Council; **3 NGOs:** City of Trees; Groundwork; Royal Horticultural Society; **2 higher education and research institutes:** Manchester and Salford universities

Manchester



CLIMATE ADAPTATION

ERDF Budget:

€ 4,814,248.00

City of PARIS

Ville de Paris

The **OASIS** project aims to create a new solution to design and transform urban spaces to adapt to climate change effects. 10 pilot school playgrounds across the city of Paris will be converted into cool islands using a combination of innovative technical and nature-based solutions. Each playground will be transformed following a comprehensive co-design approach with pupils and educational communities. The project ambition is to contribute to address health risks associated with heatwaves while fostering social cohesion at neighbourhood level.

By developing a methodology of co-design with the schools' pupils and educational communities, adapting urban authority working methods to the transformation of these spaces and applying a protocol of contributory democracy, OASIS aims to raise awareness, educate and engage citizens of all ages in the improvement of their living environment. The transformation of the playground will also be an opportunity to involve local residents in a collective reflection in the possible uses as well as collective management of this new cool spaces through the establishment of 'oasis collectives'.

Partnership:

City of Paris; **2 higher education and research institutes:** ESIEE; LIEPP; **1 architecture, urban planning and environment public service provider:** CAUE de Paris; **1 education association:** Ligue de l'enseignement - Federation of Paris (LIGUE); **1 meteorological and climatological institute:** Meteo France

Paris



CLIMATE ADAPTATION

ERDF Budget:

€ 4,395,803.80

RIBA-ROJA
DE TURIA

The **GUARDIAN** project addresses the increasing risk of peri-urban fire as a result of climate change, particularly prominent in the Mediterranean basin. The project aim is to improve the resilience of the affected peri-urban areas by reducing risk fire and limit its expansion to inhabited areas. To do so it will test an integrated set of actions combining preventive, pre-defensive and defensive irrigation with vegetation transformation, automated monitoring and self-defense training for the population in the affected areas. In the wildland area of La Vallesa, located in the two neighbour cities of Riba-Roja de Turia and Paterna, the partnership will develop a prevention and protection system covering all the cycle of fire risk management through the creation of transitional 'green belts' reusing treated waters. Based on a network of sensors, a monitoring and command system will be developed to calculate the amount and spatial distribution of irrigation to compensate soil moisture deficit, and will automatically deliver it to prevent and protect fires.

Partnership:

Cities of Riba-Roja de Turia with **1 urban authority:** Paterna;

1 public water management company: Hidraqua;

1 SME: Medi XXI; **3 higher education and research**

institutes: Cetaqua; IIAMA; University of Valencia;

1 natural park: Túria Natural Park

Riba-Roja de Turia



CLIMATE ADAPTATION

ERDF Budget:

€ 3,999,107.96

City of SEVILLA

Ayuntamiento de Sevilla

CartujaQanat project aims to experiment new urban design techniques and tools at street level to improve environmental comfort while promoting social exchange and positioning the city of Sevilla as a frontrunner for urban adaptation to climate change.

As part of a wider urban regeneration operation, the project will test a set of actions that will bring together traditional architectural knowledge, new technologies and a new governance model.

A street in the Cartuja island will be the testbed to deploy and test in a real urban scale a combination of different technological solutions such as refreshing facilities (qanat), underground galleries, bioclimatic amphitheater, fixed and mobile solar covers. The testing phase will be supported by the design of a new governance for public-private collaboration to promote and expand a new ecosystem throughout the fabric of the city allowing the duplication of the project's developments.

Partnership:

Seville City Council (and its Planning Department); **1 public service provider for the integral water cycle in Seville:** EMASESA; **1 higher education and research institute:** University of Seville (USE); **1 national public authority:** Spanish National Research Council (CSIC); **1 managing company of the Science and Technology Park Cartuja:** PCT Cartuja; and **1 non-profit foundation specialised in R&D&I for ceramic industries:** Innovarcilla

Sevilla

HOUSING



HOUSING



HOUSING

ERDF Budget:

€ 4,999,999.32

BRUSSELS Capital Region

Région de Bruxelles-Capitale

The **CALICO** project will test a new model of housing policy based on the Community Land Trust (CLT) model to provide permanent affordable housing, while combining new forms of community-led housing and care. In order to bridge the affordability gap between the housing market prices and vulnerable groups financial capacities, the CLT will acquire and maintain permanent ownership on a land and collective spaces of a building, so that 33 homes could be bought or rented by low income households without being charged for the value of the land, and will remain permanently affordable thanks to specific resale criteria. The mechanism will be innovatively mixed with a community care approach in a co-housing context, combining 3 different forms of co-living in 3 community-led housing clusters. Intergenerational, intercultural and gender dimensions will be taken into account, focusing on the entire life cycle including facilities for birth and end-of-life in a home-like environment. Attention will be given to empower residents, encouraging them to organise informal mutual aid and solidarity, and training them to co-create a new governance model to manage their cluster.

Partnership:

Brussels Capital Region and **2 local public authorities:** Municipality of Forest; Public Center for Social Welfare of the Municipality of Forest; **1 regional public authority:** Perspective.brussels (Brussels Planning Agency); **1 community land trust and its sister organisation:** Community Land Trust Brussels; Public Utility Foundation Community Land Trust Brussels; **4 interest groups:** Logement pour Tous; AngelaD; Pass-ages; EVA; **1 higher education and research institute:** Vrije Universiteit Brussel

Brussels



HOUSING

ERDF Budget:

€ 4,508,055.00

City of BUDAPEST

Budapest Zugló Önkormányzata

As availability of affordable housing is significantly decreasing in Europe and particularly in Hungary, the **E-Co-Housing** project aims to demonstrate that it is possible to create a model combining social co-housing with the highest standards for energy efficiency and smart IoT solutions. A strong and structured co-design process will involve since the beginning potential residents in the transformation of a brownfield site into a net-zero energy multi-story prefabricated modular construction with 35 units of different sizes. While the project will test new techniques to ensure low construction costs, a set of actions will be experimented in order to empower the inhabitants with the aim to create the basis for a regenerative social co-housing community. The overall business model and the related economic feasibility will be carefully assessed to ensure future upscaling in the city and beyond of the E-Co-Housing model.

Partnership:

City of Budapest, District 14 Zugló Municipality;

4 SMEs: HBH Strategy and Development Ltd.; Energy and environment Ltd.; ABUD Advanced Building & Urban Design Ltd.; GreenDependent Institute Nonprofit Ltd.;

1 nonprofit association: Hungary Green Building Council (HuGBC); **1 higher education and research institute:**

Budapest University of Technology and Economics;

1 nonprofit organisation: HABITAT for Humanity Hungary;

1 infrastructure and public service provider:

Zugló City Management and Public Services Company

Budapest



HOUSING

ERDF Budget:

€ 4,799,547.36

City of GHENT

Stad Gent

The **ICCARus** project has the aim to renovate 100 houses of captive residents (people who live in poor quality houses and who do not have the means and social skills to renovate them). To do so, the project will create, shape and test a revolving fund based on the principle of subsidy retention to make the renovations possible for this low income target group. The financial contribution to target households will return to the fund when the building is alienated. At that point, the fund will gain not only the net amount that was let but also part of the real estate value increase after the intervention. This way, the public finance is not only spent for a limited number of people, but can be used over and over again, triggering future “waves” of renovation.

Before, during and after the renovation process, captive residents will be supported technically, financially, administratively and socially while the works will be taken care of in an integrated way. After the project period, there will be an operating recurring fund to tackle the bad housing conditions of captive residents in Ghent.

Partnership:

City of Ghent; **1 social services provider:** OCMW Gent;
3 higher education and research institutes: KU Leuven, UGent; AP Hogeschool Antwerpen; **3 NGO partners:** SLOG; Domus Mundi; REGent

Ghent



HOUSING

ERDF Budget:

€ 4,999,318.68

Metropole of LYON

Métropole de Lyon

The **Home Silk Road** project will renovate an emblematic building of the silk industry heritage with a central location in a flagship new urban development in the Metropole of Lyon. It aims to provide diverse affordable housing solutions and services for vulnerable groups, while placing them at the heart of the city. As intermediary objective pending the delivery of this renovated building, the construction site will be optimised as a driver for fostering social and economic insertion. Immediate and temporary modular housing for 30 vulnerable families will be set up on the construction site. The site will be a catalyst for a set of social and economic integration activities, such as employment opportunities generated from the worksite, or circular economy activities using the material resources from on-site construction wastes to develop economic and cultural activities. Strong attention will be given to foster onsite cultural activation and bring together residents, neighbors and metropolitan citizens in order to remove the barriers between the various social groups by developing a shared culture and ownership of the new infrastructure.

Partnership:

Metropole of Lyon and **1 urban authority:** City of

Villeurbanne; **1 public infrastructure and services provider:**

East Metropole Housing; **2 interest groups:** Ecumenical

Cultural Centre; Alynea

Lyon



HOUSING

ERDF Budget:

€ 2,500,638.16

MATARÓ City Council

Ajuntament de Mataró

Yes We Rent! tackles the lack of affordable rental housing by bringing back into the local market properties that have been left empty. The project will incentivise owners to rent their dwellings at below market prices by offering them a guaranteed rent and financial/organisational support to renovate their properties.

Through its scale, Yes We Rent! aims to 'change the rules' of the whole rental market in Mataró, to put pressure on rents and to contribute to desegregation. In addition, the project tests an original organisational model of a multi-stakeholder cooperative, which allows public control and absorption of public investments while supporting the empowerment and self-management potential of cooperatives members. Tenants will be trained and incentivised to engage in self-help, empowerment, joint development of housing related services and recruitment of new flats. Both the impact and the organisational approach will be assessed through a solid research and evaluation framework and together form a model of a transferrable policy instrument for affordable housing.

Partnership:

Mataró City Council; **2 NGO partners:** Fundació Unió de Cooperadors; Fundació Jovent; **1 provincial authority:** Diputació de Barcelona; **2 research partners:** IGOP; TecnoCampus

Mataró

JOBS AND SKILLS IN THE LOCAL ECONOMY



JOBS AND SKILLS IN THE LOCAL ECONOMY



JOBS AND SKILLS IN THE LOCAL ECONOMY

ERDF Budget:

€4,892,732.00

City of AVEIRO

Câmara Municipal de Aveiro

The **AVEIRO STEAMCity** project will help the urban authority prepare for the new technological revolution associated with 5G and IoT infrastructure as well as provide its work force with the right digital skills. The aim is to retain and attract talent that would otherwise settle in larger cities in Portugal or beyond. It will add the arts and creativity dimension to the STEM approach by supporting companies in rethinking the resources they need to innovate and grow in order to attract new talent including the creative and artistic sectors. To do so, the project will set up a labour observatory looking at the new skills in demand in the local economy and having the capacity to react increasing the educational and qualification system's responsiveness. At the same time the project will take advantage of the 5G testing phase to help the city transition to the next economy. Opening data and creating a business-friendly ecosystem, Aveiro STEAMCity will encourage individuals and SMEs to participate in civic challenges using the city as a dynamic testbed. The final ambition is to create higher added value per employed citizen as well as accelerate its local digital transition.

Partnership:

City of Aveiro; **2 R&D institutes:** Instituto de Telecomunicações; Altice Labs;

2 universities and research centres: Universidade de Aveiro; CEDES; **1 association of businesses:** INOVARIA

Aveiro



JOBS AND SKILLS IN THE LOCAL ECONOMY

ERDF Budget:

€4,429,450.00

City of CLUJ-NAPOCA

City of Cluj-Napoca

The city of Cluj-Napoca seeks to tackle its high vulnerability to emerging technologies as well as anticipate issues arising from significant emigration and an aging population. With the CLUJ FUTURE WORK project it will build a knowledge-based economy and imagine a socially resilient working ecosystem for current and future jobs. Several pilot cultural and creative industries (CCI) will be connected with the knowledge intensive business services (KIBS) in order to tackle the mismatch between supply and demand and strengthen business models for local promising industries. A strong focus will also be on those professions most susceptible to automation in order to support the transition to Industry 4.0. Last but not least, to foster a thriving but also inclusive local economy, the project will integrate in its activities disadvantaged and marginalised communities. The focal point for all these complementary actions will be the local cultural centre that will be equipped with cutting-edge technology. A robust impact assessment methodology will support the implementation process and inform further policy developments in line with the regional Smart Specialisation strategy.

Partnership:

City of Cluj-Napoca; **1 network of cultural organisations:** Centrul Cultural Clujean; **1 association for electronic industry and software:** ARIES; **3 clusters:** Asociația Cluj IT; Cluster Mobilier Transilvan; Transylvania Creative Industries Cluster; **1 foundation:** Fundația AltArt pentru Artă Alternativă; **1 university:** Universitatea de Artă și Design din Cluj-Napoca; **1 architectural association:** Asociația PLAI

Cluj-Napoca



JOBS AND SKILLS IN THE LOCAL ECONOMY

ERDF Budget:

€3,943,741.92

City of CUENCA

Ayuntamiento de Cuenca

Taking advantage of the City of Cuenca's large forest area of 53 Hectares, the **UFIL** project aims to better exploit this reserve and launch an urban forest innovation hub. It will foster an innovative training model combining three main pillars: forest bioeconomy, 21st century skills as well as innovative enterprise models for business creation to exploit the forest in a sustainable way. Sponsors from Forestry sector companies will set business challenges that will be addressed by multidisciplinary groups of participants that will take part in a programme for incubation and acceleration for new businesses. The hub will integrate training, research, coaching, incubation as well as acceleration focused on product prototyping with a rural-urban perspective. Business and job opportunities will be created in forest biomass, sustainable exploitation of wood, packaging, urban furniture, resin, mycology as well as fire prevention. The project will contribute to improve local skills as well as to retain and attract talent in the city.

Partnership:

City of Cuenca; **2 universities:** Universidad Castilla La Mancha; Universidad Politécnica de Madrid;

1 regional government: Junta de Castilla La Mancha;

1 business confederation: CEOE; **1 design Institute:** IED;

2 wood councils: ACMSA; International Forest Stewardship Council FSC

Ciencia



JOBS AND SKILLS IN THE LOCAL ECONOMY

ERDF Budget:

€ 4,923,494.84

City of EINDHOVEN

Gemeente Eindhoven

The **P4W** project aims to reduce the inefficiencies and shortage on the labour market for the lower educated by creating an intersectoral skills passport with gamified skills assessment and improvement. An innovative element of the project is the use of game design elements in non-game contexts. The passport in form of an online platform will be developed in collaboration with the target group. The skills assessment will be designed as an online game in which jobseekers get to know a project. Their soft skills are assessed in the background through in-game tasks. In addition, the project will restructure the current education program in the way that it can be tailored to employers' wishes to ensure shortened time-to-employment and intersectoral transferability of skills and labour. Educational modules will be designed to improve soft and 21st century skills as well as to improve overall sustainable employability. All modules will be nationally accredited. A user-friendly platform will be developed to match employers and jobseekers using the intersectoral skills passport.

Partnership:

Municipality of Eindhoven; **1 province:** Province of North Brabant; **1 interregional cooperation organisation:** Service desk Education and Work; **1 employer service point:** 04Werkt; **2 foundations:** WIJeindhoven; Foundation of professional competencies for the building environment; **3 SMEs:** Organiq; Building Changes; Funding Subsidy Management BV; **1 service and consulting company:** CINOP- Institute for national accreditation and certification; **2 business support organisations:** Transvorm; Interest group for SME's Eindhoven; **2 higher education and research institutes:** Tilburg University; University of Technology Eindhoven; **1 sectoral agency:** Employer organisation VNO-NCW

Eindhoven



JOBS AND SKILLS IN THE LOCAL ECONOMY

ERDF Budget:

€ 3,991,600.00

City of VANTAA

Vantaan kaupunki

The **GSIP** project interconnects growth and social responsibility pillars at company level. It aims to promote growth and competitiveness especially of companies in human intensive and routinely operated industrial sectors. It seeks to improve the level of education of the city's workforce by offering better training possibilities for low-skilled workforce, employees with outdated skills and unemployed persons.

The project will design, test, pilot and automate a model of "Growth and Social Investment Packs (GSIP)" for local private and public companies. An innovative core is to create a service model with motivating incentives for companies. By contributing to social development e.g. giving a job or training opportunity to an unemployed person a company earns an incentive for growth. The development process starts from the design with partner companies and tests of three GSIPs in authentic cases for genuine needs among the themes need for new skilled workforce, updating skills for employees and technological shift. GSIPs will be piloted in 20 companies and finally automated for permanent use and scaling up with the help of big data as well as intelligent solutions.

Partnership:

Municipality of Vantaa; **4 higher education and research institutes:** Metropolia University of Applied Sciences; Laurea University of Applied Sciences; Etla - The Research Institute of the Finnish Economy; Labour Institute for Economic Research; **1 business network:** Helsinki Region Chamber of Commerce; **4 private companies:** ISS Services Ltd.; Infocare Ltd.; Solteq Plc.; Finnair Cargo Ltd.; **1 public company:** Vantti Ltd.

Vantaa



JOBS AND SKILLS IN THE LOCAL ECONOMY

ERDF Budget:

€ 4,997,124.40

City of VENTSPILS

Ventspils pilsētas Dome

The **NextGen** Microcities project focuses on job creation and business development activities. It seeks to overcome challenges related to skills shortage and lack of high-level specialists in micro cities by creating new and innovative solutions in education, business and governance. Through a combination of actions it seeks to enhance local technological skills capacity. The project will test an innovative career guidance strategy including the launch of an internet tool and marketing strategy for higher and vocational education institutions to attract and retain talents in micro cities. To reduce skills mismatch the project will implement an experimental Education Technology plan. A smart school concept will be developed to provide 21st century ICT, digital and education skills for employers, education institutions and local authorities. Innovative teaching aids, study programs and a pilot project will be developed to generate new skills, jobs, businesses, private and public services using Educational Technology. These elements are combined with a Ten Type Innovation Framework and a Foreign Direct Investment attraction strategy to provide favourable preconditions for business development and job creation.

Partnership:

Ventspils City Council with Valmiera City Council; **2 business support organisations:** Ventspils High Technology Park; Valmiera Development Agency; **2 education/ training centre and schools:** Ventspils Vocational School; Valmieras Technical School; **2 higher education and research institutes:** Ventspils University of Applied Sciences; Vidzeme University of Applied Sciences; **2 private companies:** Aspired Ltd.; IntelliTech Ltd.

Ventspils

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**The European Commission
and the Hauts-de-France Region
are proud to introduce the
projects approved for the
3rd UIA Call for Proposals.**

184 applications were received
from 21 European Member States
on the topics of Air Quality,
Climate Adaptation, Jobs &
Skills in the local economy
and Housing.

**Following a highly competitive
selection process, 24 projects
have been selected and will now
be joining the Urban Lab
of Europe! Congratulations
to all of them.**

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