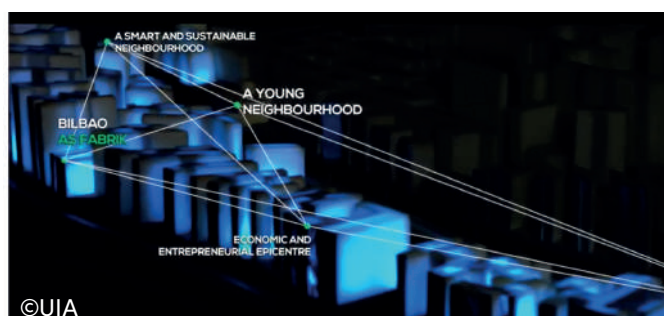


**USE CASE:****Bilbao | Industry 4.0.**

Country	Spain
Population	345,414
Use case on	Industry 4.0.

Bilbao has had to adapt to industrial decline in the 1980's and has worked hard to develop a 'new' economy, based on Industry 4.0. and digital transformation. In its **AS-FABRIK** project (funded through Urban Innovative Actions), it developed a comprehensive concept that offered new training schemes, partnerships and actions to accelerate digitalisation and boost innovation startups. As well as having 2 floors for education purposes, the AS Fabrik building run by Mondragon University includes state of the art FabLab facilities supporting entrepreneurs working within Digital Manufacturing; IOT and Robotics; Immersive & AV Techs and Smart Data.

In the URBACT **AS-TRANSFER** project, other cities with an industrial heritage learned how Bilbao did it and developed their own plans to build a Digital Economy.



Bilbao has also recently developed a separate Tech Strategy around the following 4 priorities:

- Smart Governance
- Talent and Technological Entrepreneurship
- Access to Technology and Information and
- Digital Infrastructures

For more information visit:

<https://www.uia-initiative.eu/en/uia-cities/bilbao>

<https://urbact.eu/networks/as-transfer>

<https://www.bilbaoekintza.eus/en>

<https://www.techplace.online/industry-4-0-lessons-from-bilbao/>

USE CASE:

Tampere | 'New' Economy

Country	Finland
Population	241,009
Use case on	'New' Economy

Tampere suffered a massive economic shock when Nokia suddenly laid off thousands of workers in the 1980's. The city saw it as a blessing from an economic development perspective. Before then, everything was oriented around Nokia and there is now a recognition that there was a risk of killing the diversity in the region's economy as so many companies were entirely reliant on Nokia as a customer. Since the closures, the city has invested heavily in innovation - creating living labs and a series of local test beds which create the conditions to pilot new ideas and innovations. One good example is a development and test platform for autonomous driving - <https://tamperetestbed.fi/en>. Another is the IoT Tampere Platform which offers an open testing and data collection environment for startups and contributes to the evolution of a genuinely smart city <https://smart tampere.fi>,



Tampere has worked hard to diversify and future-proof its economy, creating an international reputation as an international city of science and know-how. One of the success factors is the explicit alignment of the tech, climate and talent agendas.

<http://tribetampere.com>

<https://business tampere.com>

<https://tamperetestbed.fi/en>

<https://smart tampere.fi>

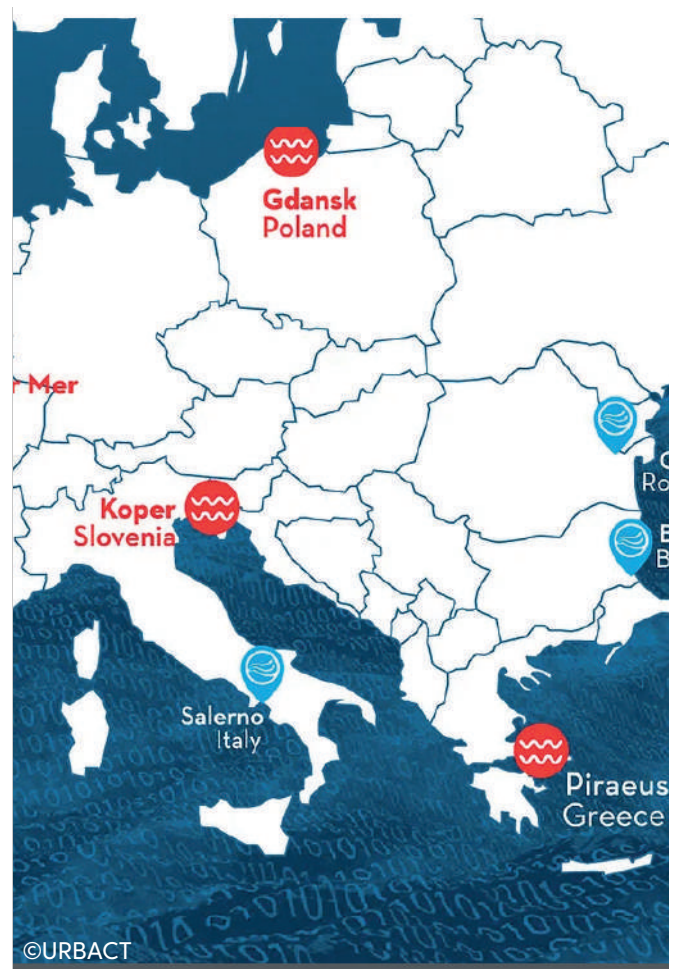
USE CASE:

Piraeus | Blue Growth Entrepreneurship competition

Country	Greece
Population	163,688
Use case on	Blue Growth

As part of its efforts to create new jobs and innovation opportunities within the maritime economy, Piraeus launched its blue growth entrepreneurship competition which is now recognised as good practice by URBACT and has been at the heart of 2 Transfer Networks under the banner 'BluAct'. At its core it is a contest, where business plans are prepared and submitted by aspiring entrepreneurs and then compared and judged against a set of predetermined criteria. The aim is to get potential entrepreneurs to explore new opportunities and set up their own companies, thereby generating significant growth opportunities within the digital economy. One past winner is Ferryhopper - an online ferry ticketing marketplace that helps consumers with access to multi-trip tickets, sold by a whole range of different transport operators. This competition is an interesting example of how to intersect sectoral priorities with tech and digital opportunities offering transformational potential.

<https://www.bluact.eu>



USE CASE:

Nyiregyhaza | An active business support system supporting the digital economy

Country	Hungary
Population	118001
Use case on	Active business support system

Through its participation in the URBACT TechTown network and then the TechRevolution network this medium sized hungarian city has undergone a significant transformation. Nyiregyhaza has set up an active - and coordinated - business support service within its arms length Industrial Park Company. The city is now home to a new Technology and Innovation Centre with a stable operating budget, provided by the municipality, and with 6 full time members of staff working on economic development, business support and investment promotion. The mayor now lists economic development and job creation as key priorities and seeks to focus on growth within the digital economy.

<https://www.blog.urbact.eu/2018/08/digital-culture-in-the-city-of-nyiregyhaza-hungary/>



USE CASE:

Tartu | Open Innovation Platform and Entrepreneurship Week

Country	Estonia
Population	95,000
Use case on	Open Innovation and Entrepreneurship Week

Tallinn is often held up as the best EU model of digital economic development but other Estonian cities, like Tartu, have also benefited from the country's unique approach to innovation and growth when it became an independent country in 1991. Tartu has an extensive business development ecosystem incorporating the Science Park, a Gaming and Film Incubator, hardware acceleration programme and Business Advice services, amongst others. The city also offers itself as a test bed for local startups wanting to test their solutions in a real-world environment and then as 'first customer'. Each year, in October, the city holds an Entrepreneurship Week which aims to develop people's business sense and a positive attitude towards entrepreneurship, as well as to inspire entrepreneurs with growth potential to take more action.



<https://e-estonia.com/smart-solutions-in-estonias-second-city-smart-tartu/>

<https://www.techplace.online/the-city-as-an-open-innovation-platform>

<https://tartu.ee/en/entrepreneurship-week>

<https://tartu.ee/en/news/turnover-startups-city-and-county-tartu-grew-record-high-level>

USE CASE:

Tagus Valley | FoodFabLab

Country	Portugal
Population	39,325
Use case on	FoodFabLab

The Municipality of Abrantes, as part of its role in the 'Tecnopolo do Vale do Tejo' (Tagus Valley - a Science and Technology Park), has opened a range of facilities to stimulate entrepreneurship and competitiveness through Innovation and Technology. The FoodFablab is a specialist facility for companies or individuals to test or manufacture food products. This service was created as a response to the economic crisis that hit Portugal between 2011 and 2015 during which local people expressed an interest in starting their own food production projects. Since then, the concept has developed and now includes not only manufacture for market entry but also for testing at pilot scale, supporting internal R&D processes of the users and digitalisation of this important agri-food sector.

<https://tagusvalley.pt/index.php>

