

EU-Malaysia Cities Kick-off Meeting

15 September 2021

Agenda:

- Welcome Remarks by Mr. Francesco Floris, Head of Economic & Trade Section, EU Delegation to Malaysia (5 min)
- Introduction on the EU's Regional and Urban Policy by Dr. Ronald Hall, Senior Advisor, DG REGIO (10 min)
- Brief introduction by EU and Malaysian Cities Coordinators (15 min)
- Introduction of IURC's EU-Malaysia City-to-City Pairing Initiatives, Mr. Pablo Gándara / Ms Jacqueline Chang, IURC Team (10 min)
- Thematic cooperation, IURC AA Cluster Coordinator, Mr. Jens Bley (5 min)
- Question and Answers from EU and Malaysian Cities Coordinators (15 min)
- Next steps, Ms. Jaqueline Chang, IURC Coordinator Malaysia (5 min)
- Closing Remarks: EU Delegation to Malaysia (5 min)

Moderation: Jacqueline Chang and Pablo Gándara, IURC Team

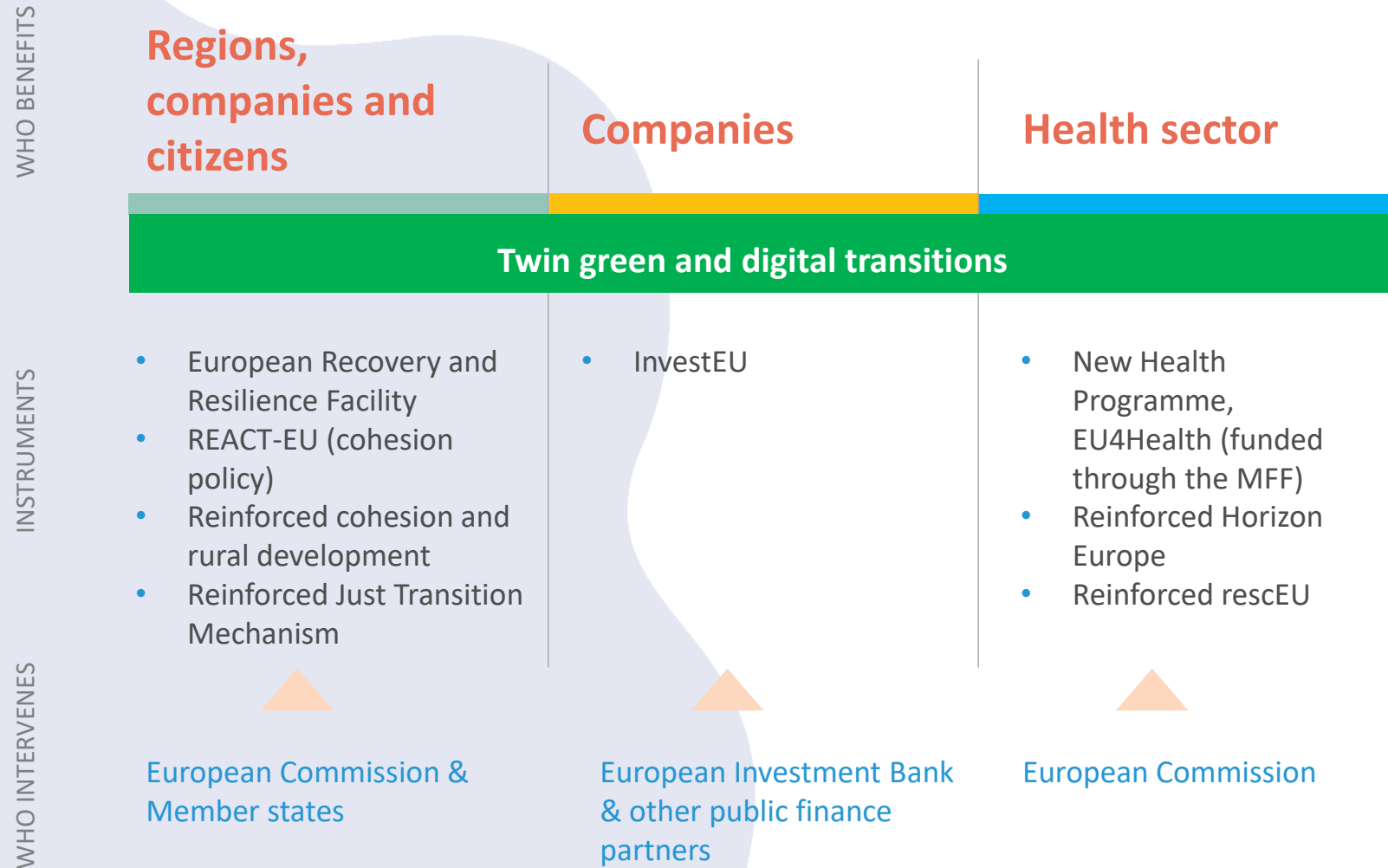


The numbers: Multiannual Financial Framework 2021-2027 and NextGenerationEU



	<i>MFF</i>	<i>NextGenerationEU</i>	<i>TOTAL</i>
1. Single market, innovation and digital	€132.8 billion	€10.6 billion	€143.4 billion
2. Cohesion, resilience and values	€377.8 billion	€721.9 billion	€1 099.7 billion
3. Natural resources and environment	€356.4 billion	€17.5 billion	€373.9 billion
4. Migration and border management	€22.7 billion	-	€22.7 billion
5. Security and defence	€13.2 billion	-	€13.2 billion
6. Neighbourhood and the world	€98.4 billion	-	€98.4 billion
7. European public administration	€73.1 billion	-	€73.1 billion
TOTAL MFF	€1 074.3 billion	€750 billion	€1 824.3 billion

Next Generation EU: overview

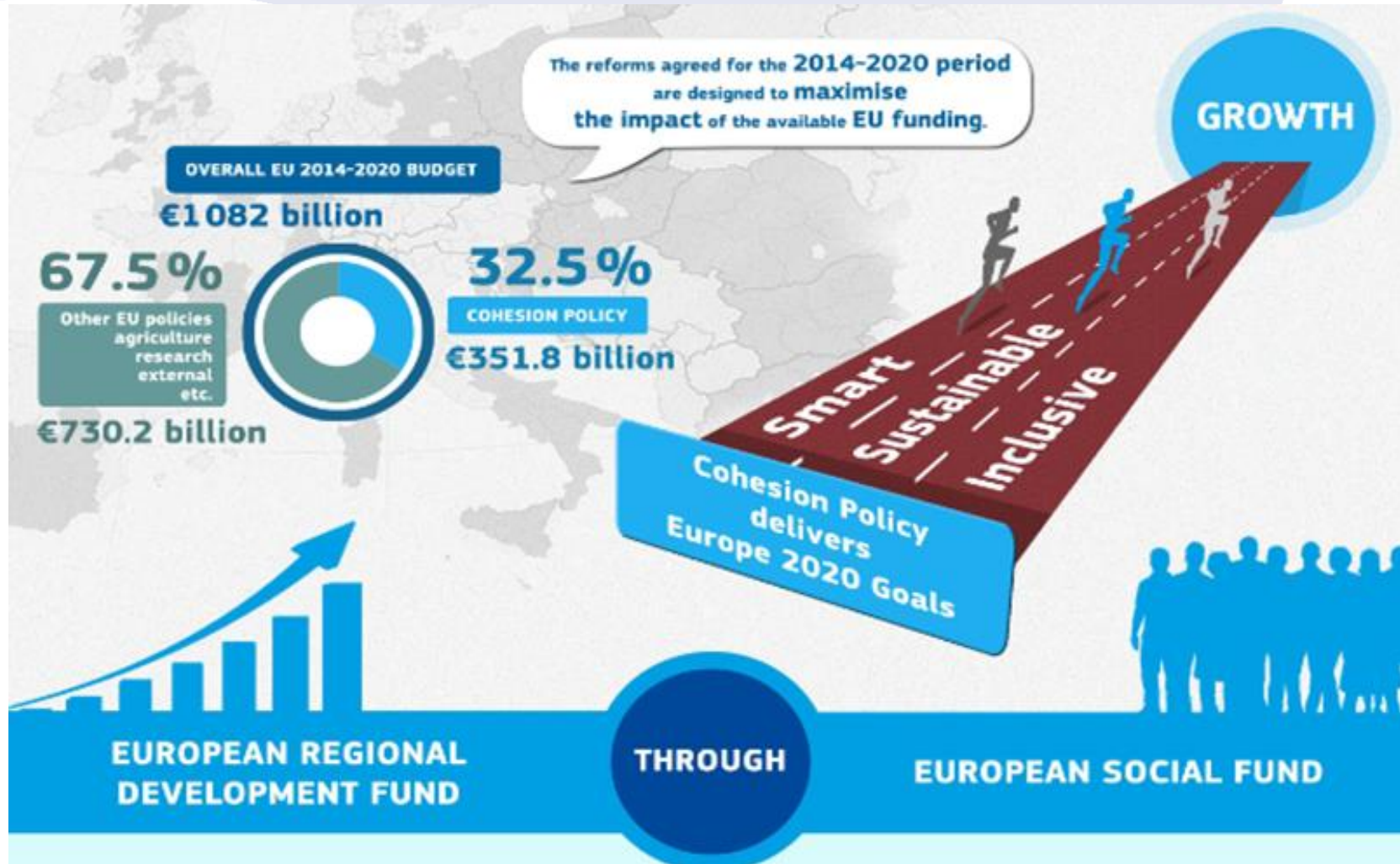


Source: European Commission

NextGenerationEU: role in a green, digital and more resilient Europe

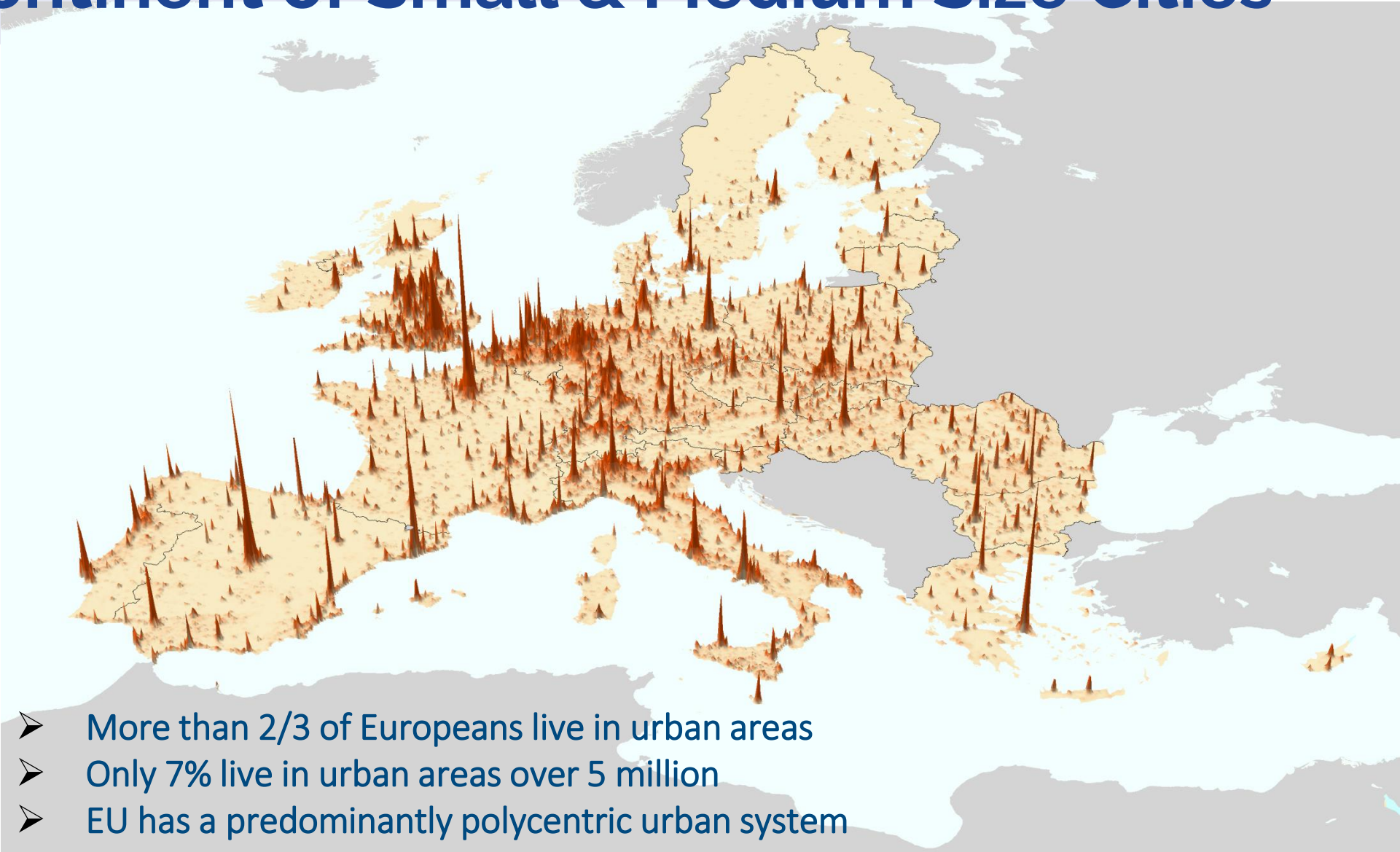
- **37%** of the funds under NextGenerationEU will be spent directly on our European Green Deal objectives
- **20%** the funds under the Recovery and Resilience Facility, the main instrument under NextGenerationEU, will be spent on digital
- **30%** of the **€750 billion** will be raised through green bonds

Cohesion Policy for Europe: The main Instrument of EU Investment Policy

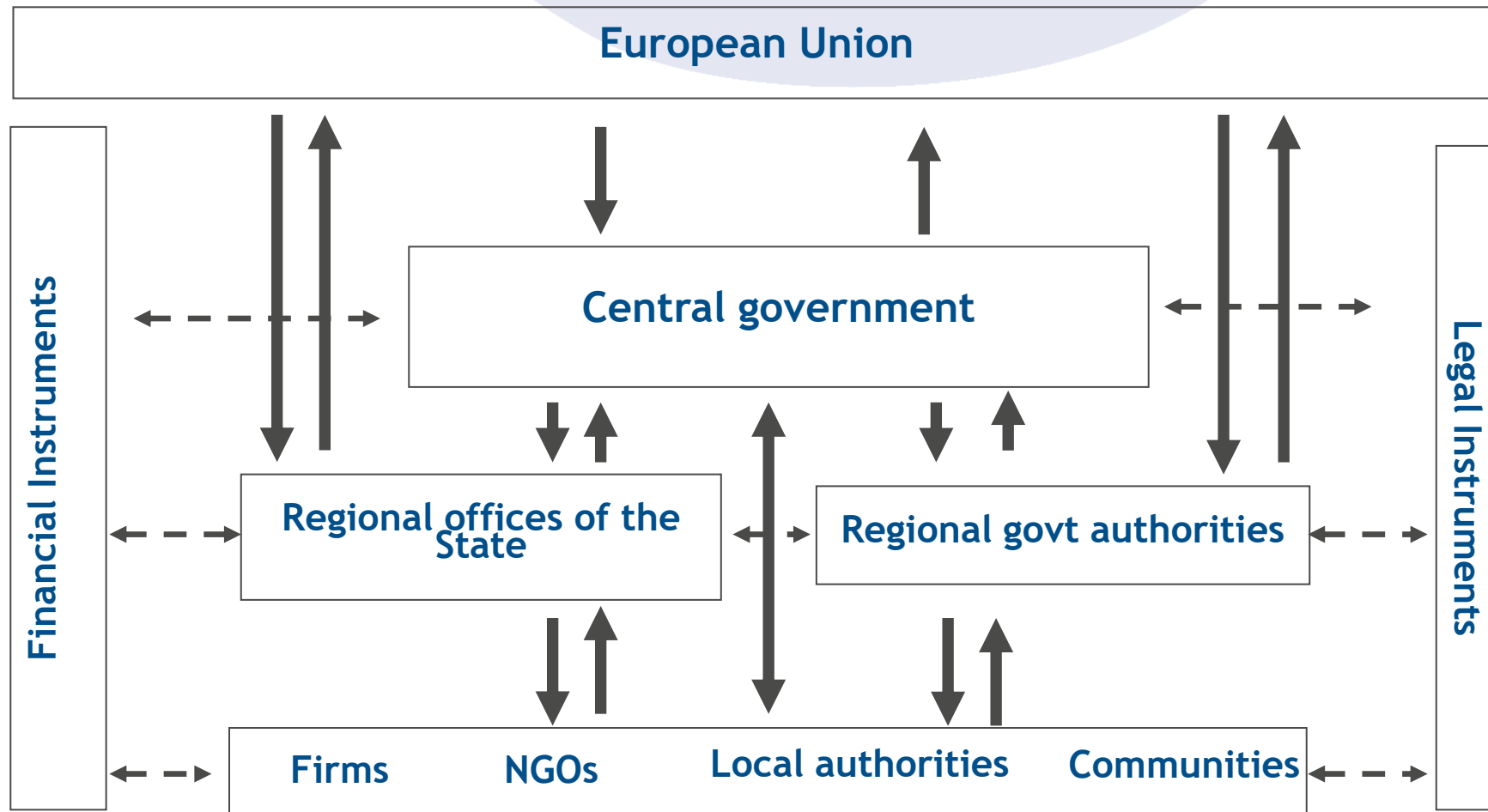


Europe

A Continent of Small & Medium Size Cities

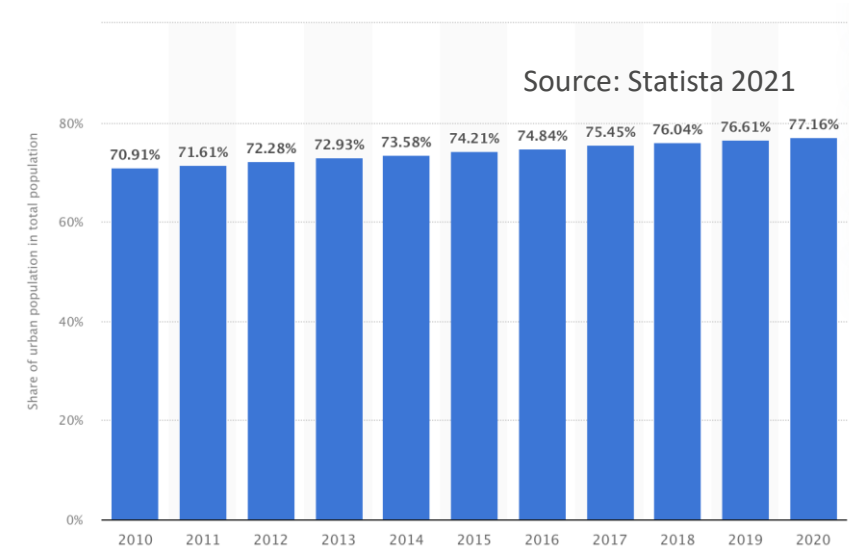


The EU's Holistic Approach to regional & urban & Development: Mediating Transition through Multi-Level Governance



Malaysia and Urban Governance

- Malaysia is the **world's 67th largest country by area**, and has **over 30 cities** that have a minimum population of **100,000 inhabitants**.
- Malaysia's population in Q4 2020 (**32.73 million**) is projected to reach **33.45 million (end 2021)**. **Population density** varies across the country: average is **99 people per one square km**.
- In 2020, **77.16 percent** of Malaysia's total population lived in **urban areas and cities**. In **2014** it stood at **74 percent**.
- This growth is expected to continue, as people from rural areas migrate to urban areas due to the economy and employment continuing to shift from agriculture to industry and services.
- The Ministry of Housing and Local Government (KPKT) launched **Malaysia's Smart City Framework (MSCF)**, partly inspired by **Europe's Digital Agenda Series** in **September 2019** to serve as a guideline for local governments all across the country to **develop cities into smart cities**.
- The **7 major components** of a smart city are **Smart Economy, Smart Living, Smart Environment, Smart People, Smart Government, Smart Mobility** and **Smart Digital Infrastructure**



NICOBAR LANDS

Andaman Sea

Map of Malaysia Pilot Cities

CHUMPHON

Gulf of Thailand

Ho Chi Minh City

Can Tho

Vung Tau

SURAT THANI

Phuket
ภูเก็ต
นครภูเก็ต

NAKHON SI THAMMARAT

SONGKHLA

PATTANI

PERLIS

KEDAH

KELANTAN

TERENGGANU

Banda Aceh

Lhokseumawe

ACEH

Malacca Strait

PENANG

PERAK

Malaysia

Kuala Lumpur

MALACCA

Singapore

RIAU AR

Kota Kuala Muda

Seberang Perai

Georgetown

Bukit Mertajam

Simpang Ampat

Sungai Jawi

Nibong Tebal

Parit Buntar

Kepala Batas

Lunas

Kulim

SARAWAK

Sibu

Pontianak

Sintang



Malacca



Georgetown

Seberang Perai

Penang Island

Bayan Lepas

Bukit Mertajam

Simpang Ampat

Sungai Jawi

Nibong Tebal

Parit Buntar

Kepala Batas

Lunas

Kulim



Malacca State/ Malacca City



- A population of 579,000 in an area of 277km² (2019), it has a **Melaka Resilience Strategy 2019** in place where **Pillar 2** focuses on **creating circular economy for waste management**
- It was declared a **UNESCO World Heritage site** in 2008
- The **city aspires** to achieve **zero-waste state status** by exploring circular economy management solutions in parallel with **sustainable tourism** and **preservation of cultural heritage sites**. It also strives to **improve biodiversity and agriculture practices** due to limited land
- **Other key challenges** worth noting are **protecting quality water management** and **reduction of GHG emissions** with renewables
- **Scope of cooperation (to be explored) for pilot actions:** comprehensive integrated waste management system + innovative approaches to achieve **zero-waste city status** with the private sector, **nature based solutions** (ecological transition), **sustainable tourism + behaviour change**. **Others: during Q&A session**



Penang State / Seberang Perai City



CIRCULAR ECONOMY ROADMAP



- **Seberang Perai cluster:** 969,800 inhab. (Butterworth 340,600 inhab.) (Bukit Mertajam 433,400 inhab.) Nibong Tebal (195,800) in an area of 751km² (2019), has a **Circular Economy Roadmap 2020-2030** in place.
- Aspire to strengthen efforts to make the mainland a **low-carbon city by 2022**, **neutral-carbon city by 2030** and **zero-carbon city by 2050** : designing win-win tax incentives and reward programmes
- **Key challenges** of high priority: **food waste, construction and manufacturing waste, single-use plastics and electronic waste**
- Upcoming **Penang Waste Management Roadmap** where EU cities best practices can be featured
- Areas to **explore for collaboration for pilot actions:** integrating informal waste workers in the integrated waste management system and learning more on **Maiambiente portal** (digital tracking of collections etc.) Extended Producer Responsibility (EPR) and deposit return schemes (DRS) for packaging and behaviour change. **Others: during Q&A session**

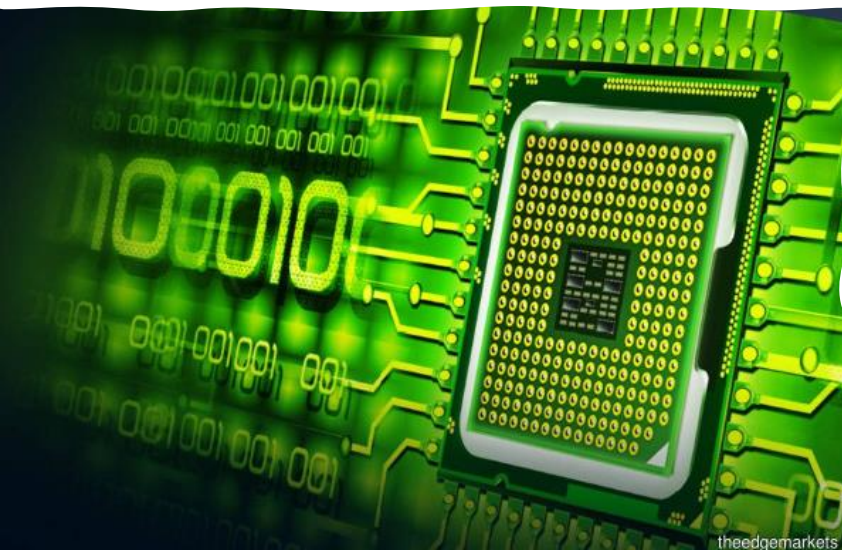




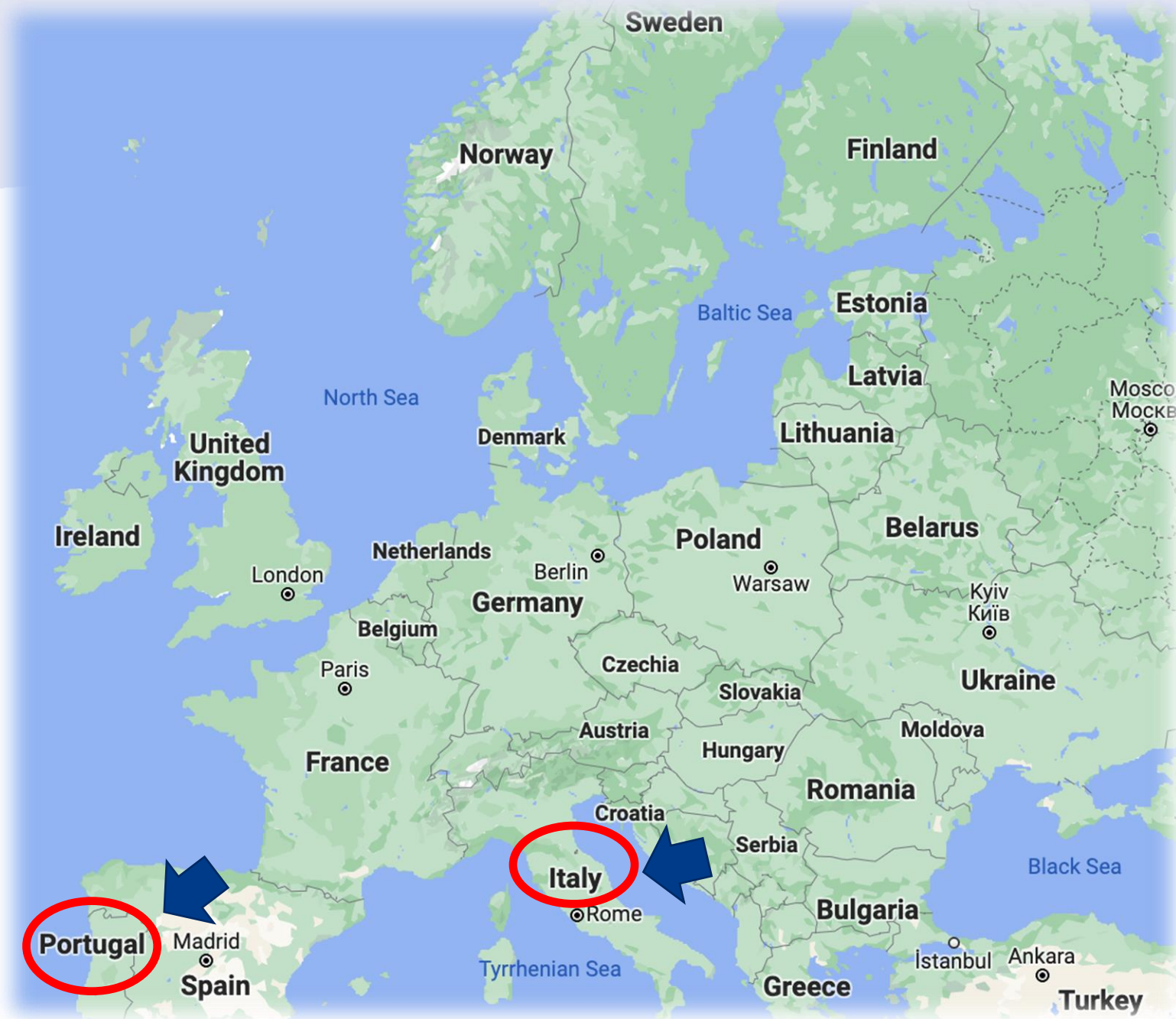
Penang State / Georgetown city



- **Georgetown** has a population of 583,200 in an area of 121km² (2019). The city was listed as a **World Heritage Site by UNESCO** on 7 July 2008
- **Economy:** manufacturing - thriving semiconductor industry, tourism and technology cluster. See **Penang Vision 2030** and **Penang Green Agenda**
- **Key challenges:** food waste and food security, **e-waste & hazardous waste**, water security, construction & demolition waste, preservation of cultural heritage (built environment)
- Upcoming **Penang Waste Management Roadmap** where EU cities best practices can be featured
- **Areas of cooperation (to explore)** for pilot actions: better management of **e-waste & hazardous waste** with **circular solutions + incentivization programme**, craft and implement a **coherent environmental protection policy** i.e. maintaining authenticity of the city while **transitioning into a circular city**. Supporting **sustainable tourism** and **behaviour change**. **Others:** during Q&A session

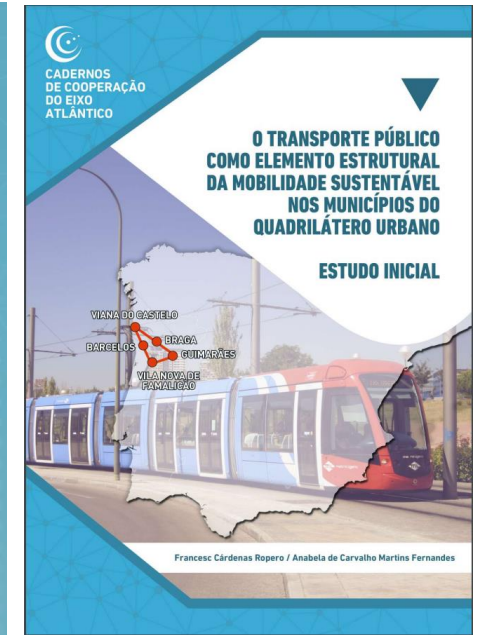
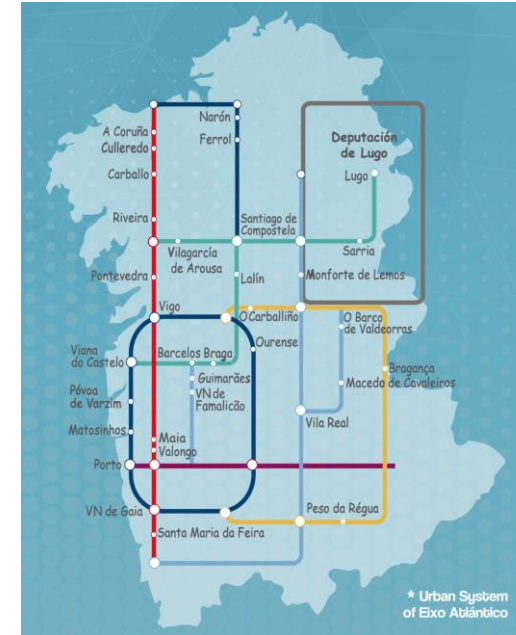


Map of EU Pilot Cities



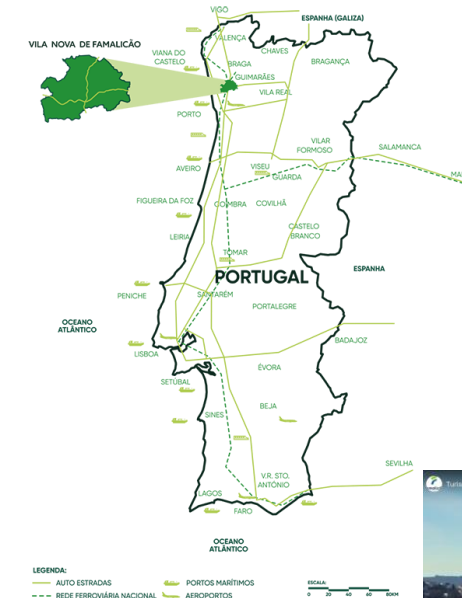
EIXO Atlántico, Portugal/Spain

- Eixo Atlántico (EA), is a cross-border association of 39 municipalities from Galicia (Spain) and North of Portugal with nearly 30 years of experience in joint local development.
- **Pilot Area for IURC:** Intermunicipal Community of Terras de Trás-os-Montes (CIM TTM) - **117,527** inhab.
- **Economy:** Large agricultural and forestry resources with a strong agro-industrial sector. Tourism & technology.
- **Interest:** Sharing experience in building an to urban agenda for functional areas (transferring methodology) and looking at the experience of similar areas to learn from them and transfer good practices to CIM TTM.
- **Areas of interest:**
 1. Urban agenda / Planning, SUD strategies
 2. Mobility & Transport – metropolitan connection
 3. Circular economy – waste management



Villa Nova Famalicão City Council, Portugal

- **Population:** 131,707 inhabitants
- Strong **industrial** tradition (textile manufacturing, metal-mechanic and agrofood industries). It's the 3rd largest exporter in Portugal, and the first one of the north region of Portugal, and has a strong exposure to global market, external dynamics and influences.
- **Interest:** Famalicão is interested in participating in the IURC program to deepen knowledge related to some of the main challenges of the city, developing an IURC action plan, integrated with municipal strategies and planned actions and supported by IURC learning exchanges, knowledge sharing and research activities. .
- **Areas:**
 1. Education, jobs & skills – clusters innovation centres
 2. Circular economy – waste management
 3. Urban agenda / Planning, SUD strategies

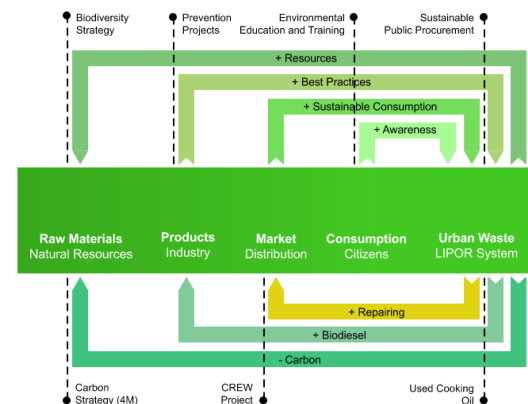




Maia Municipality, Portugal

- **Population:** 135,306 inhabitants
- Maia is one of the most **industrialised** municipalities in Portugal and an important transportation hub. Maia sees itself in **2050** as an **energy efficient** city, on the way to becoming a zero carbon community with better mobility and quality of life.
- **Interest:** Maia is interested in exchanging methodologies towards circular economy. The municipal company *Maiambiente* and the City Council staff skills and experience accumulated in waste management and circular economy strategies, cooperation strategies between cities and stakeholders involvement planning.
- **Areas:**
 1. Circular economy – waste management
 2. Digital transition: open source tech with external partners – tracking collections, data management of waste, monitoring

Closing the Loop





Nuovo Circondario Imolese (NCI), Bologna, Italy

- NCI is a **public body** that represents the **10 municipalities** of the eastern area of the metropolitan area of **Bologna** with **133,562** inhabitants (Bologna Metro: 1 mio.).
- NCI is **characterized** by important industries and a thriving agricultural sector. There is a very rich historical, artistic and monumental heritage. There are **universities** and research centers.
- **Sustainability** is a priority for the development of this territory. There are parks, natural areas and tourist attraction routes, which are particularly important for the development of sustainable tourism.
- **Areas of interest:**
 - Nature Based Solutions (Priority 1) ecological transition & green deal (+ tourism/culture)
 - Smart & sustainable city with technology & culture aspects acting as pillars of the cities of the future