



# DESIGNING CIRCULAR CITIES IN MALAYSIA STAKEHOLDER CONSULTATION WEBINAR



Raul Daussa, Climate and Cities Expert  
29/06/20

# IUC PROGRAMME BEYOND 2020



## **I. CITY-TO-CITY COOPERATION ON SUSTAINABLE URBAN DEVELOPMENT**

By pairing up EU with non-EU partner cities, the IUC boosts access to expertise in urban development policy, helping cities promote smart, green and inclusive growth. Working with like-minded partners, it fosters better ways to plan, finance, develop, govern and manage cities, and support the New Urban Agenda decided in Quito.

**Find a twin city matching your  
ambitions!**



## **II. PARTNERING TO COMBAT CLIMATE CHANGE**

Cities consume two-thirds of the world's energy. The Covenant of Mayors initiative promotes local actions and facilitates city-to-city cooperation to reduce CO<sub>2</sub> emissions, adapt to climate change and ensure access to clean and affordable energy. It is rapidly attracting interest worldwide.

**Become a sustainable city, too!**



## **III. REGION-TO-REGION COOPERATION WITH LATIN AMERICA**

Cities and regions can generate growth by innovating and sharing expertise on clustering, global value chains and Smart Specialisation Strategies. This is important in Latin America where governments are trying to diversify their commodity-driven economies.

**Be a pioneering region!**

IUC  
2017- 2020

IURC  
2021 – 2023  
Including Malaysia,  
Indonesia, Vietnam  
and Thailand

At tender stage,  
start January 2021  
Focus on Clusters

# SUPPORT TO GLOBAL COVENANT OF MAYORS IN SOUTH EAST ASIA



1. Kampung Baru
2. Hang Tuah Jaya
3. Muar
4. Penampang
5. Tawau

Climate Action Plans  
-Development and Training  
Support to applications  
to Climate Gap Fund

# IUC SUPPORT TO CIRCULAR ECONOMY IN MALAYSIA

- Webinar on 2 April

**Majlis Perbandaran MUAR**

**Project implementation**

Date	Activity
March 2020	Registering house owner to the system
	Collection, frequency once per week
	Reward to the consumer

**Outcome**  
Solution to separation at source  
Improvement to recycling implementation

**PORT CITIES & CIRCULAR ECONOMY BENCHMARKING STUDY**

Cities	NEW-EMERGING CITIES				
	ROTTERDAM	KACHINGUNG	ANTWERP	GOETHEBURG	CHBA
Spatial scale	Commercial port city	Resilient port city	Sub-commercial port city	Regional freight hub	City Prefecture
Population	833,471	2,778,918	150,000	572,799	8,244,455
Land area (km²)	326	2,302	306	448	5,158
Density (persons/km²)	1,944	941	490	1,279	1,210
GDP (B\$B Millions)	24,702*	80,000*	21,840*	28,000*	177,380*
Sea-going vessels	30,000	35,000	14,000	40,800	42,000
Container throughput (MTEU)	11	9.63	4.5	7.88	11.8
Year adopted	2011	2016	2015	2016	2013
Base year	2010	2005**	2010	2010	2010
Target year	2025	2050**	2050	2030	2030
Reduction Environmental Target	50% carbon reduction by 2025	50% carbon reduction by 2050**	70% carbon reduction by 2050	100% / 20% carbon reduction by 2030	22% carbon reduction by 2030

## Circular Economy: Sharing Experiences and Best Practices

**IUC Asia Helpdesk/IGC/M Southeast Asia Secretariat Webinar Series 2/2020 02 April 2020**  
Topic: Circular Economy: Sharing Experiences and Best Practices

**Iskandar Malaysia – Challenges, lessons learnt & recommendations**

**Recommendations**  
1. Transition to circular economy  
2. Establish a local network & a local national & international stakeholders

**Funding support**  
EU Asia of local and global financing instruments

**Recommendations**  
Compliance, Regulation through (SMEs, CSMEs) Publicly & Report Carbon Footprint by Life Cycle

**Wiring and Tailor-made Metropolitan of International Financing**

**Greenhouse gas emissions**  
Carbon Low Carbon Council

**Smart infrastructure**

**Challenges, lessons learnt, and recommendations**

Byrd Dionisia JOUMAN | Lead, Resident Eng... | 02 April 2020

Online Webinar, 2 April 2020: The IUC-Asia organised an online video discussion today in cooperation with the Iskandar Regional Development Authority (IRDA) and the Universiti Teknologi Malaysia (UTM). Attending the call were 44 experts from cities in Europe and Asia, sharing experiences and best practices with regards to circular economies. The IUC-Asia team moderated the discussion, with presentations from policy leaders and urban managers in Italy and several Malaysian cities.

# IUC SUPPORT TO CIRCULAR ECONOMY IN MALAYSIA

- Circular Economy Roadmap (CER) for plastics by end 2020 in Malaysia.
- The [EU Circular Economy Action Plan](#) - basis for action
- IUC – best practices from European cities.



# IUC SUPPORT TO CIRCULAR ECONOMY IN MALAYSIA - RESULTS

- Three online stakeholder consultations
- **2 concept notes** for **2 pilot projects** based on EU experiences.
- A **blueprint** for the transition towards circular economy in Malaysian cities

## **Main events:**

Stakeholder consultations:

- 29 June – focus on Petaling Jaya
- 2 July – focus on Penang
- 19 August - National

## **Final Report:**

November 2020