

# MIRI CITY LOW CARBON FRAMEWORK (LCCF)



# Introduction of Miri City

**Lembaga Perbandaran Miri** ditubuhkan pada tahun 1933, selepas enakmen Aturan Perbandaran No.M-7, 1933

Pada 1 Januari 1956, Lembaga Perbandaran Miri telah dibentuk semula dan menjadi **Majlis Bandaran Miri**

Pada 9 Januari 1961, Majlis Bandaran telah diubah kepada **Majlis Daerah Miri**

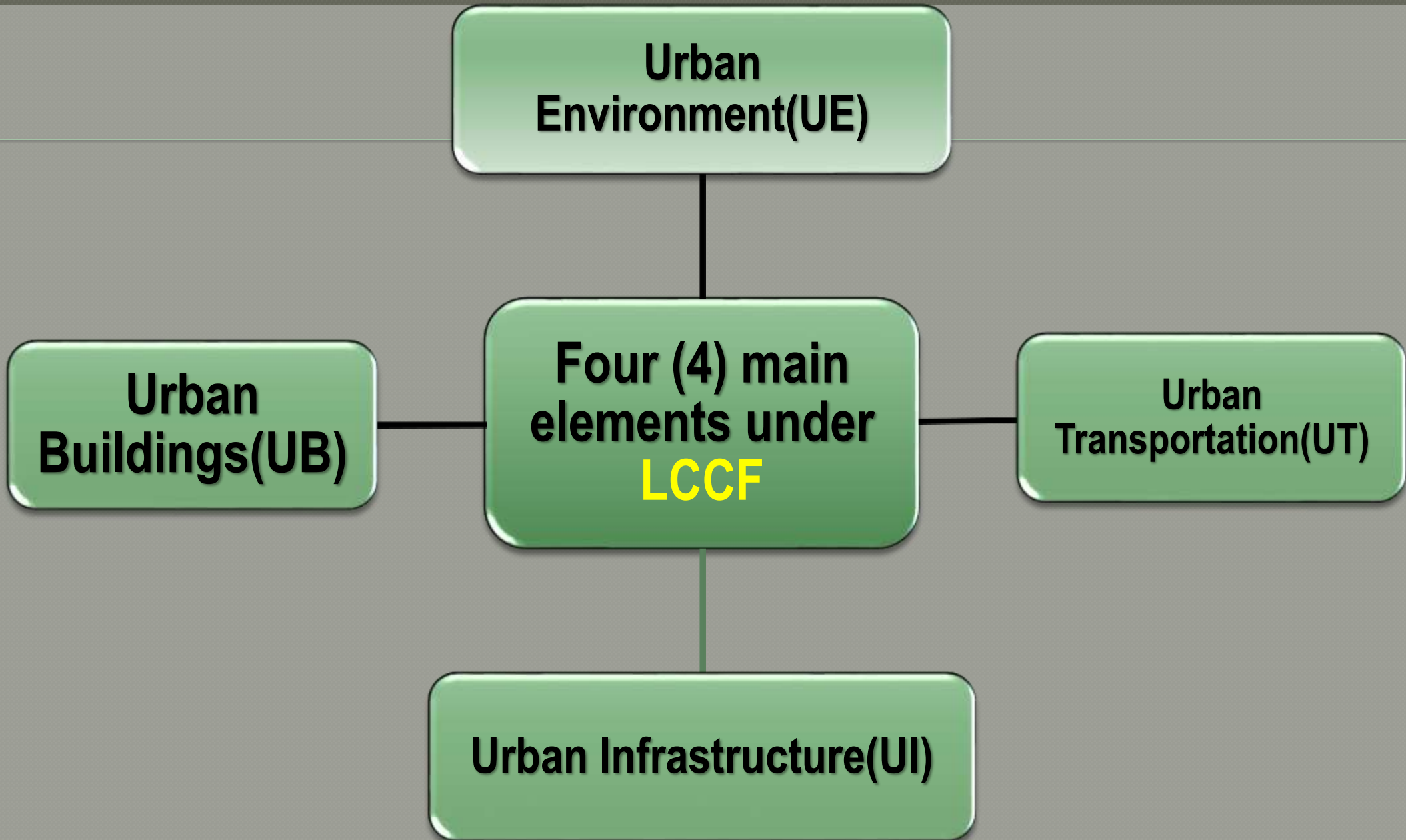
Pada 6 November 1981 status Majlis daerah telah dinaikkan kepada **Majlis Perbandaran Miri**

Pada 20 Mei 2005 Majlis mendapat pengiktirafan untuk dinaiktaraf ke **Majlis Bandaraya Miri**



# Initiatives of LCCF

- Miri has been selected as one of five pilot locations in Malaysia to be a Green Resort City to be based on the Low Carbon Cities Framework (LCCF) developed by Ministry of Energy, Green Technology and Water in collaboration with Malaysian Green Technology Corporation.
- “The ministry is looking into effective implementation mechanism that ensures smooth and consistent coordination at state and local council levels to implement the Low Carbon Cities Framework and demonstrate low carbon activities,” said Minister of Energy, Green Technology and Water, Datuk Seri Peter Chin after witnessing the official signing of a memorandum of understanding (MoU) between Miri City Council (MCC) and IntraMAS Technology Sdn Bhd (Itramas) on July 2012



# MIRI CITY LOW CARBON FRAMEWORK(LCCF)

No.	Strategic Themes	Initiatives
1.	Government effort is visible & motivates people to value the Environment	<p>Awareness programmes:-</p> <ol style="list-style-type: none"><li data-bbox="1345 611 2321 743">1. Local – JKP, Schools, Higher Intuition (Curtin Uni and Riam Institute)</li><li data-bbox="1345 761 2372 1043">2. National – collaboration Plan Malaysia, Greentech, MALA, KPKT, Pustaka Sarawak programme in conjunction with Sarawak Day</li><li data-bbox="1345 1061 2313 1272">3. International – UNDP Roundtable Discussion With City Councils on The SDGs on 20<sup>th</sup> January 2020.</li></ol>

# MIRI CITY LOW CARBON FRAMEWORK(LCCF)

No.	Strategic Themes	Initiatives
2.	Reduction of municipal waste	Waste segregation, 5R , percentage of municipal solid waste, recycling waste captured  Collaboration with NGO's environmental protection - Tzu Chi Foundation
3.	More green spaces and green connectors	Propose a green belt along Jalan Pulau Melayu, Miri – 2.5 km connecting Piasau Reserve Nature Park to Kpg. Pulau Melayu and Miri Golf Club
4.	Plant more high sequestration trees	Planting 5,000 trees a year

# MIRI CITY LOW CARBON FRAMEWORK(LCCF)

No.	Strategic Themes	Initiatives
5.	Improve standard of living	Miri Smart City Proof Of Concept (MSCP):- 1) Safe City 2) Smart Bus 3) Safe Park 4) Miri Care 5) Smart Truck 6) Miri Tourism 7) Digital Signage 8) Command Center 9) Smart Drain 10) Smart Miri

<b>No.</b>	<b>Strategic Themes</b>	<b>Initiatives</b>
6.	Low carbon building by implementing GBI – collaboration with SMA and MLGH	<p>Miri City Hall Building, Miri Green Community Hub, MCC's buildings</p> <p>Markets implemented rain harvesting system to all market and toilet in Miri</p> <p>Solar farm in Bario Sub district to supply electricity to the whole Bario community</p>



# Miri City Council's Performance

No	Component	Initiative	Performance
1.	Green Initiatives	To have more green spaces in the city area and to have more pocket parks	<b>37,918</b> tree planted from 2013 - Oct 2020  Pocket parks in Miri (GOL, Piasau Reserve Park) Taman Bulatan, City Fan
2.	Say No to Plastics	Promoting using biodegradable products as alternative to replace plastic  No to strayfoam, plastic straw, plastic bag	Creating awareness to the coffee shop and supermarkets

# Miri City Council's Performance

No	Component	Initiative	Performance
3.	Organic Waste composting - to help the community to manage the waste, we come out with the organic waste composting to become the fertilizer to their agriculture to have a better qualities	<ul style="list-style-type: none"> <li>•Enhance green culture practice practices to the community in Bario Sub District and local community in Miri</li> <li>•Practicing our own creativity by producing DIY bins to the community as more convenience &amp; less cost</li> <li>•Anaerobic system for the purpose landfill in Bario Sub District</li> </ul>	<p>2013 – distributed <b>190</b> bokashi bins</p> <p>2014 – monitoring performance</p> <p>2015 – distributed <b>750</b> bokashi bins in Bario Sub District -</p> <p>2016-2019 – monitoring performance (based on the studies by EMS Consultant,80% of waste in Bario are organic waste)</p> <p>2020 – <b>50</b> DIY bins</p>

# Miri City Council's Performance

No	Component	Initiative	Performance
4.	<p>3R Composting &amp; Recycling At 3R Market</p> <p>-</p> <p>Installation of composting machines in Tamu Muhibah for waste reduction programmes</p>	<p>i. To introduce 3R composting programme and create awareness with public</p> <p>ii. To draw road map on green and composting programme</p>	<p>January 2020: 1,000 kg</p> <p>Feb 2020: 1,500 kg</p> <p>March 2020: 1,500 kg</p> <p>April – July 2020: Operation suspended due to MCO.</p> <p>August 2020: 673 kg</p> <p>September 2020: 1,060 kg</p> <p>October 2020: 842 kg</p> <p><b>Total: 6,575 kg</b></p>

## Tree Planting



## Pocket Parks



## SDGs Pledge



## Green Belt Project



## Miri Smart City POC



## Composting Programme



## Say No To Plastic



## Green Markets





## Conclusions:

Miri was proclaimed a city on 20 May, 2005 and since then, the Miri City Council has actively promoted Miri as a green city. Major initiatives have been proposed and implemented, including building bicycle tracks in the city, installing solar energy street lighting, as well as promoting a green culture among the public through campaigns such as 'Say No to Plastic' and tree planting activities. These are significant steps towards making Miri a green, sustainable city.

Miri City Council have pledge "We will achieve the sustainable development goals 2030 in Miri City" In conjunctions with the SDG concepts – sustaining the initiatives.