Iskandar Puteri Low Carbon Initiatives through Calendar Competition and Iskandar Puteri Drive thru Event
Executive Summary

Iskandar Puteri Low Carbon or else known as Iskandar Puteri Rendah Karbon, IPRK is the platform co-founded by Iskandar Puteri City Council (MBIP), Universiti Teknologi Malaysia, Iskandar Regional Development Authority (IRDA), Johor State Education Department (JPNJ) and SWM Environment. committed to serve the cities of Iskandar Puteri as the leading in sustainable and low carbon efforts in realizing the Low Carbon Society Blueprint for Iskandar Malaysia and Low Carbon Society Action Plan for Iskandar Puteri 2025.

A few signature projects highlighted to respond to growing environmental risks by integrate social based solutions in the vicinity of Iskandar Puteri through Iskandar Puteri Low Carbon Calendar Competition. The competition aims to encourage and instill awareness on low carbon through the infographic calendar design by UTM experts to inculcate low carbon lifestyle through saving electricity, saving water and waste management initiatives. Through this competition, the people in Iskandar Puteri personally request a platform for them to manage their waste effectively, hence the pocket event of drive thru were design to meet the needs of society. The event focus on giving platform for the people to manage their waste and collect points or money through reused cooking oil and general recycling initiative consist of plastic, papers, electrical appliances with the support from Apeiron Bioenergy and SWM Environment. Besides that, the event also help the people to do the fabric recycling through Kloth Lifestyle and Malaysia Lifeline Clothing. From the event, there is also a request to donate stationary and book, which will be incorporated in the next Iskandar Puteri Drive thru Recycling Event. The initiatives gets full supports from Sutera Mall management and Perbadanan Perubamahan Kenari and Rumah Iskandar Malaysia as the location sponsors and will continue to gives remarkable impact in the year of 2022 through strategic cooperation among the community.

Beneficiary

Community in Iskandar Puteri such as Perbadanan Kenari, Rumah Iskandar Malaysia and etc

Impact

Total reduction of 1,229,550.73 kgCO₂ carbon emission

Achievement

• Total reduction of 1,229,550.73 kgCO2 carbon emission equal to the carbon offset to 56,000 trees.
• Successfully develop the first community model of low carbon in Johor

Head of Project

Dr. Nina Diana Nawi
School of Education, Faculty of Social Sciences and Humanities
MBIP provide RM 20,000 for Iskandar Puteri people to unleash their low carbon initiatives

The drive thru event at Sutera Mall received full support from people from Kota Tinggi and Kulai.

Through IPRK, the fabric recycling bin was first placed in Johor in 3 locations (C22, UTM, Sutera Mall and Sunway Citrine)
Acara poket: Usaha mengalakukan pengurusan sisa (komponen pertandingan)
The low carbon initiatives at Perbadanan Kenari, the first low carbon model community in Johor.
**Pengurusan Minyak**: Tapak usaha pengurusan sisa minyak masak terpakai di perumahan Kangkar Pulai
Acara poket Komuniti: Mengalakkan usaha terus dalam kelompok komuniti
KALENDAR 2021
KE ARAH MASYARAKAT RENDAH KARBON
#MBPRendahKarbon2021

PUNCA PEMANASAN GLOBAL
PENGERJAAN GAS RUMAH HIJAU
KERJAP MODERASI LIMBAH EKSI
YANG DISEBABKAN OLEH AKTIVITI MANUSIA
Gas ramah hijau akan berterbabit seperti sudu yang memecah habu dalam muka bumi, selaras dengan meningkatkan suhu pada permukaan bumi.

MATLAMAT PEMBANGUNAN MAMPAN
MBP komited dalam usaha mencapai Matlamat Pembangunan Mampan menghargai tahun 2030 melalui usaha berkesan dengan rekayasa strategik dan akademik, industri dan juga komuniti.
Usaha MBP berkesan rakan strategik sepanjang tahun 2020 berhubung SDG telah memastikan lebih YPTI (panas) di Facebook menangis penggunaan pertindangan, ramah, futur dan juga labuh-ke-af.

PELAN TINDAKAN MASYARAKAT RENDAH KARBON

MELALUI PEMERHABAAN JARINGAN QUADRUPE HELIK MBP BERSAMA RAKAN STRATEGIK

UTM UNIVERSITI TEKNOLOGI MALAYSIA
NEWS COVERAGE

CERITA PAGI JOHOR : KLOTH CARE PROJECT UNTUK KElestarian ALAM

ANGOK CATAT KES HARIAN TERTINGGI (3,775), DIKUTI SARAWAK (2,723) DAN SABAH (2,729)

Media Massa : Projek Kalendar turut mendapat hebahan dalam media massa
<table>
<thead>
<tr>
<th>Item</th>
<th>Kategori Institusi</th>
<th>Perumahan Bertingkat</th>
<th>Perumahan Bertanah</th>
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<tbody>
<tr>
<td>Penyertaan isi rumah</td>
<td>50,754</td>
<td>135</td>
<td>43</td>
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<tr>
<td>Pengurangan Karbon kgCo2 (elektrik)</td>
<td>1,060,257.36</td>
<td>8,868.82</td>
<td>2,532.76</td>
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<tr>
<td>Pengurangan Karbon kgCo2 (air)</td>
<td>93,883.55</td>
<td>1,059.27</td>
<td>757.22</td>
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<td>Pengurangan Karbon kgCo2 (sisa)</td>
<td>46,224.22</td>
<td>14,372.96</td>
<td>1,594.57</td>
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<tr>
<td>Jumlah Minyak Terkumpul (kg)</td>
<td>307.1</td>
<td>20.8</td>
<td>97.5</td>
</tr>
</tbody>
</table>