Climate Resilient City and Urban Environmental Sustainability
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ORKHON PROVINCE MUNICIPAL GOVERNMENT

ERDENET CITY
Location of the Municipality

One of 21 provinces
Located in Khangai Region
370 km from Ulaanbaatar
2 Soums
22 bags
## City profile

<table>
<thead>
<tr>
<th>Metric</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Population</td>
<td>101789 /3.3%/</td>
</tr>
<tr>
<td>Area</td>
<td>844 km²</td>
</tr>
<tr>
<td>Density</td>
<td>127.2 per km²</td>
</tr>
<tr>
<td>Height above sea level</td>
<td>1200 m</td>
</tr>
<tr>
<td>HDI</td>
<td>0.76 /0.73/</td>
</tr>
<tr>
<td>GDP</td>
<td>499 million USD /4.5%/</td>
</tr>
<tr>
<td>GDP per capita</td>
<td>4974 USD</td>
</tr>
</tbody>
</table>

### Overall Competitiveness Score 2016

- **Orkhon**: 100
- **Umnugobi**: 95
- **Darkhan-Uul**: 94
- **Sukhbaatar**: 91
- **Uvs**: 77
- **Dornod**: 76
- **Selenge**: 76
- **Bayan-Ulgii**: 75
- **Gobi-Sumber**: 74
- **Khovd**: 71
- **Khuvsgul**: 71
- **Uvurkhangai**: 68
- **Khentii**: 64
- **Zavkhan**: 62
- **Bulgan**: 53
- **Baruunbodor**: 53
- **Arkhangai**: 51
- **Dundgobi**: 50
- **Gobi-Altai**: 48
- **Gobi-Sumber**: 47
GER AREA 25%

URBAN 75%
WELCOME
SYMBOLIC MONUMENT

“PEACE”
Popularity

Erdene Mining Corporation is one of the biggest Ore mining and Ore processing factory in Asia.
## City profile

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Years</td>
<td>42 Years</td>
</tr>
<tr>
<td>City Size</td>
<td>2nd largest city</td>
</tr>
<tr>
<td>Youth</td>
<td>Young City</td>
</tr>
<tr>
<td>Economic Sector</td>
<td>Biggest Mining</td>
</tr>
<tr>
<td>Atmosphere</td>
<td>Less stress</td>
</tr>
<tr>
<td>Transportation</td>
<td>Well connected</td>
</tr>
<tr>
<td>Land Use</td>
<td>Smallest Land</td>
</tr>
<tr>
<td>Potential</td>
<td>Huge potential</td>
</tr>
</tbody>
</table>
Institutional structure of the city

Policy
City council

Action plan
Province Municipal government
City Mayor

Implementation
Department of Tourism and Environment
Soum mayor

No dedicated Climate change responsible position
City Challenges

Air pollution

Basic infrastructure for Informal settlements
Water Supply
Heating problems
Water, air and soil pollution. Nine wells and two lakes have dried out and eight streams have gone underground
The government initiated 18 sub development program and these programs including following initiatives:

- White Dust
- Water
- Waste management
- Green development
Project examples
Project examples
To the Future

Sustainability of the CITY!!

Opportunity for ECO-city

Green infrastructure

Renewable energy
## Climate action plan

<table>
<thead>
<tr>
<th>Target</th>
<th>Actions</th>
<th>Outcome</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mitigation</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>CO2 reduction</strong></td>
<td>House upgrading</td>
<td>Energy efficiency Green jobs Informal settlement reduction</td>
</tr>
<tr>
<td><strong>Increase Renewable energy solution</strong></td>
<td></td>
<td>Support increasing population Green jobs</td>
</tr>
<tr>
<td><strong>Adaptation</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Green infrastructure</strong></td>
<td>River restoration</td>
<td>Water supply Agriculture sector development</td>
</tr>
<tr>
<td><strong>Tree plantation</strong></td>
<td></td>
<td>Comfortable life style Soil improvement, dust</td>
</tr>
<tr>
<td><strong>Resilient Infrastructure</strong></td>
<td></td>
<td>Prevent damage Planned streets</td>
</tr>
<tr>
<td><strong>/Road/</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Thank you!

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DIIP