



Climate Resilient City and Urban Environmental Sustainability

[ERDENET]

Climate Resilient City and Urban Environmental Sustainability

2



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

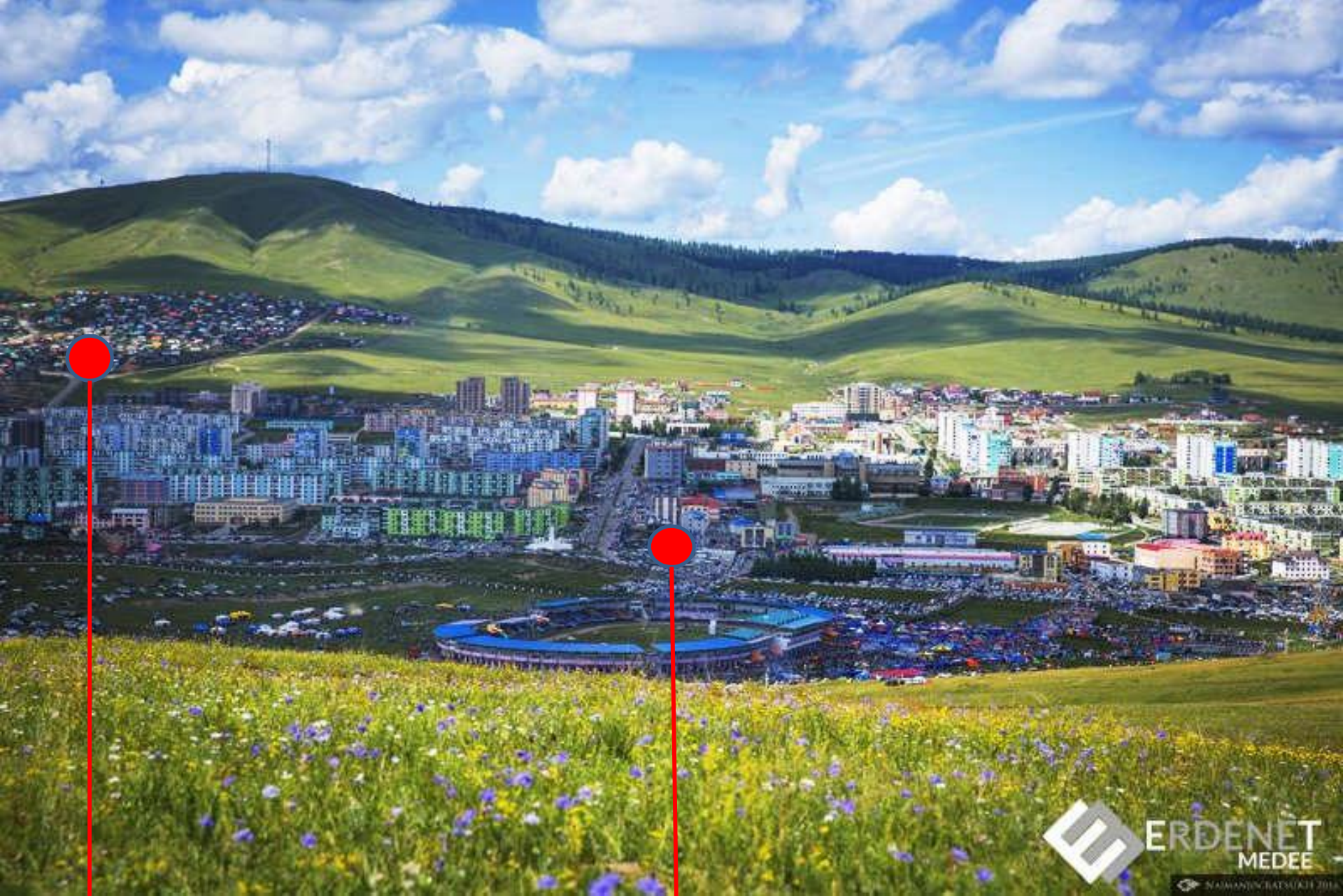


City profile

Population	101789 /3.3%/
Area	844 km2
Density	127.2 per km2
Height above sea level	1200 m
HDI	0.76 /0.73/
GDP	499 million USD /4.5%/
GDP per capita	4974 USD

Overall Competitiveness Score 2016





GER AREA 25%

URBAN 75%

WELCOME



SYMBOLIC MONUMENT



“PEACE”

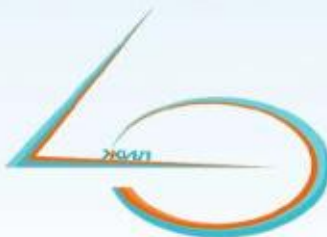
Popularity



Erdenet Mining Corporation is one of the biggest Ore mining and Ore processing factory in Asia.

City profile

ЭРДЭНЭТ ХОТ 



42 Years

2nd largest city

Less stress

Smallest
Land

Young City

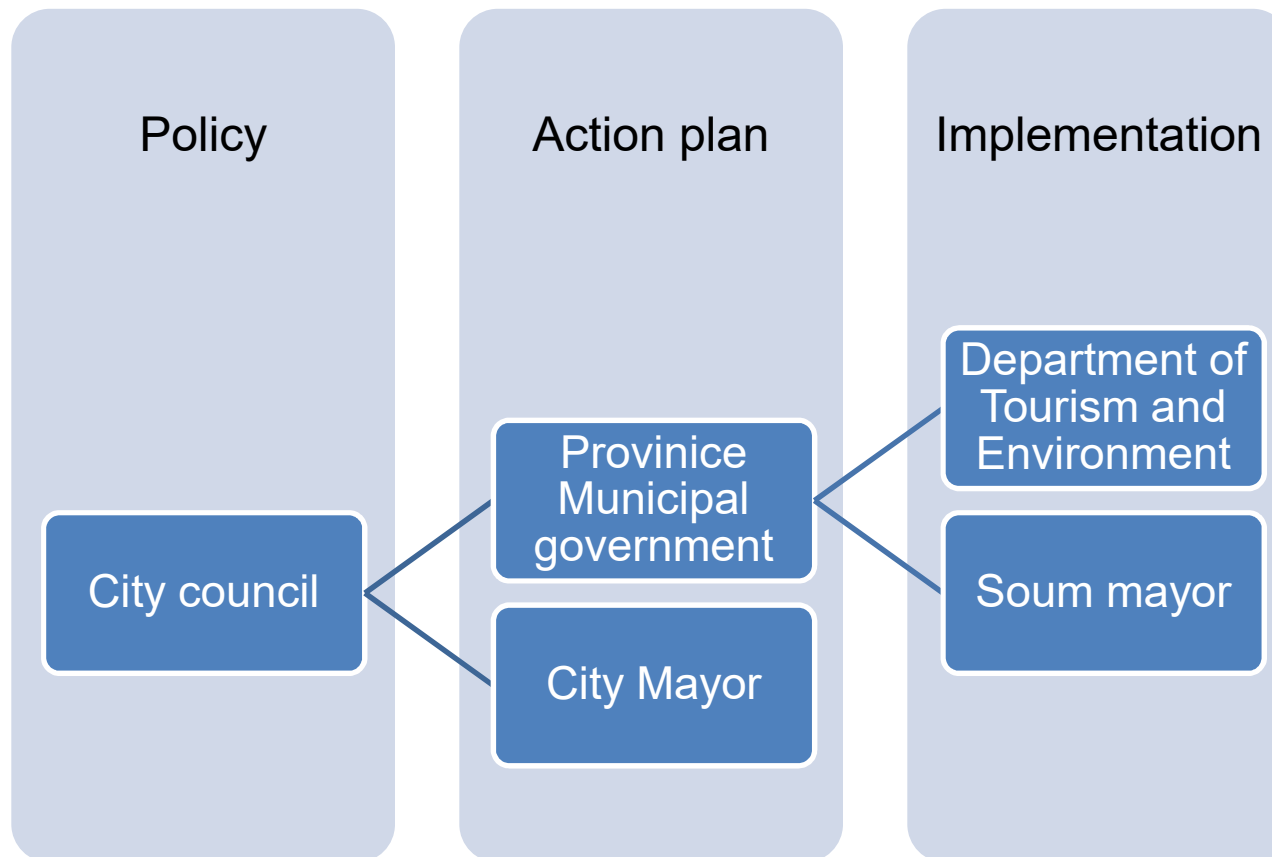
Biggest Mining

Well connected

Huge potential



Institutional structure of the city



No dedicated Climate change responsible position

City Challenges



Air pollution



Basic infrastructure for Informal settlements

Water Supply

Heating problems



Climate Change

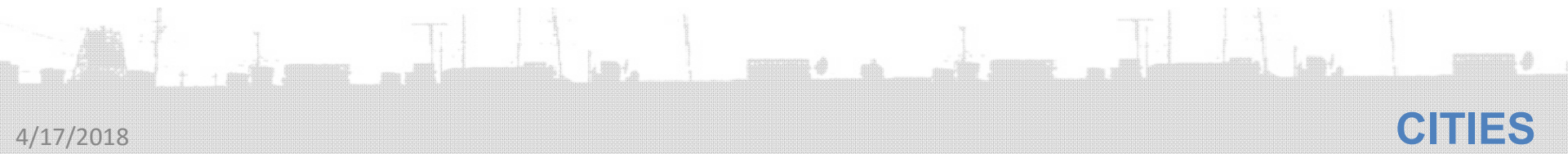


Water, air and soil pollution. Nine wells and two lakes have dried out and eight streams have gone underground

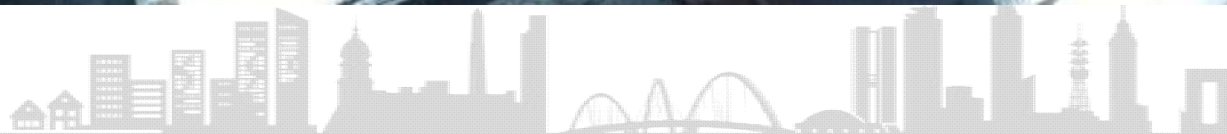
Municipality initiatives

The government initiated 18 sub development program and these programs including following initiatives

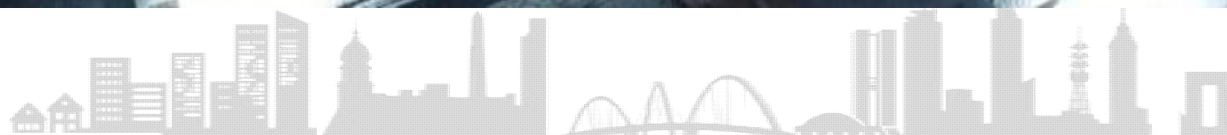
- White Dust
- Water
- Waste management
- Green development



Project examples



Project examples



To the Future

Sustainability of the CITY!!

Opportunity for ECO-city

Green infrastructure

Renewable energy



Climate action plan

Target	Actions	Outcome
Mitigation CO2 reduction	House upgrading	Energy efficiency Green jobs Informal settlement reduction
	Increase Renewable energy solution	Support increasing population Green jobs
Adaptation Green infrastructure	River restoration	Water supply Agriculture sector development
	Tree plantation	Comfortable life style Soil improvement, dust
	Resilient Infrastructure /Road/	Prevent damage Planned streets





Thank you!

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