



“УЛААНБААТАР ДУЛААНЫ СҮЛЖЭЭ”

ТӨРИЙН ӨМЧИТ ХУВЬЦААТ КОМПАНИ



JCM THE JOINT CREDITING
MECHANISM

OPPORTUNITIES TO IMPROVE THE EFFICIENCY OF ULAANBAATAR CITY'S DISTRICT HEATING SYSTEM AND TO REDUCE AIR POLLUTION AND GHG EMISSIONS.

**Forum on Integrated Approaches to Air
Pollution and Climate Action
February 17, 2026
Tokyo, Japan**

BEST PRACTICES AND PILOT OUTCOMES



← Building № 1: Brau House Center

- Sukhbaatar district
- Year of commissioning: 2001
- Number of households: 18

Building № 2: Japan Town →

- Residential apartment, Khan-Uul district
- Year of commissioning: 2010
- Number of households: 96



Calculating household heat expenses by heat meters showed an average **38%** savings compared to flat-rate billing.

Flat-rate billing shows **60%** higher consumption than heat meters.

PROJECT VISION & INVESTMENT



Household details:

- 1,200 households (0.4%) already metered
- 320,300 households (99.6%) unmetered
- 53.3% (171,300 households) can be directly metered

THE NUMBER OF CONTRACTED CUSTOMERS: 2,895

Customers under contract: 2,847
 With meters: 98.4% (2,799)
 Without meters: 48 customers (1.6%)

Buildings: 14,388
 with meters: 98.4% (14,158)
 without meters: 230 buildings (1.6%)

Costs for meter installation:

- Building metering: \$250,000
- Server and data transmission network: \$20 mln
- Households that can be directly metered: \$48 mln
- Second-stage metering: \$52 mln

Green house gas emission reduction: **300.000 ton CO₂.eq annually**

3 million ton CO₂ for 10 years

WHY IT MATTERS & JCM PARTNERSHIP

WHY THIS PROJECT MATTERS:

- Creating accountability in energy use
- Reducing systemic inefficiencies
- Lowering Mongolia's carbon footprint
- Improving public health
- Strengthening international climate cooperation

IMPLEMENTATION UNDER THE JOINT CREDITING MECHANISM (JCM):

- Emission reductions can be measured, reported, and verified (MRV)
- Advanced Japanese technologies can be introduced
- Investment risks can be reduced
- Verified emission reductions can be shared between both countries

TECHNICAL READINESS:

- High transparency through digital monitoring
- Strong MRV capability
- Fully compatible with JCM requirements



JCM THE JOINT CREDITING
MECHANISM

ありがとうございます

Contact:



JC Secretariat of the JCM between Japan and Mongolia



Otgontsetseg (Ogi) L



Email: jcmmongolia@gmail.com

Website: www.jcm-Mongolia.com

<https://www.jcm.go.jp/mn-jp>

Contact:

Ulaanbaatar District Heating Network company

Dr. Byambatsogt

p.byambatsogt@gmail.com

<https://www.dulaan.mn>