

Jambaa Lkhagva
MSc, BSc | Energy Policy & Renewable Energy Analyst

QUALIFICATIONS SUMMARY

Jambaa Lkhagva has over 16 years of professional experience in renewable energy, energy policy, infrastructure development, and energy-sector financing in Mongolia. He has held senior leadership roles in government and donor-funded programmes, including Managing Director of the National Energy Reform Committee and Deputy Chief of Party for USAID's Mongolia Energy Governance Activity.

He has extensive experience in policy advisory, feasibility studies, development of investment-attractive business models, public–private partnership (PPP) frameworks, and preparation of sectoral roadmaps aligned with national development strategies, NDC targets, and international best practices. His work spans renewable energy generation, grid integration, energy storage, clean transport enabling policies, and climate-aligned financing mechanisms.

Mr. Lkhagva brings strong analytical, facilitation, and stakeholder engagement skills, with proven ability to deliver practical, implementable models and roadmaps in close coordination with ministries, regulators, municipalities, development partners, and private investors.

SELECTED RELEVANT ASSIGNMENTS

- Development of national energy reform roadmap aligned with Vision 2050 and NDC
- Design of renewable energy regulatory frameworks enabling private investment
- Advisory support on PPP frameworks and tariff reform for infrastructure projects

EDUCATION

MSc in Engineering, Seoul National University, Republic of Korea, 2014
BSc in Nuclear Technology, National University of Mongolia, 2008

LANGUAGES

Mongolian – Native
English – Fluent (written and spoken)
Korean – Intermediate

CORE AREAS OF EXPERTISE

• Renewable energy policy and regulation
• Energy transition and climate finance
• Feasibility studies and investment planning
• Business models and PPP frameworks
• Energy market reform and tariff regulation

• Roadmap development and institutional coordination
• Stakeholder engagement and donor coordination

RELEVANT PROFESSIONAL EXPERIENCE

Managing Director – National Energy Reform Committee, Government of Mongolia (Nov 2024 – Jul 2025)

• Provided leadership for national energy reform initiatives, overseeing policy development, regulatory improvements, and governance restructuring.
• Led tariff reform process achieving cost-recovery electricity and heat tariffs in November 2024.
• Provided strategic oversight on energy transition pathways, including enabling conditions for renewable energy integration, electrified transport, storage solutions, and private-sector participation.
• Coordinated high-level stakeholder consultations with Parliament members, ministries, regulators, investors, and development partners.

Deputy Chief of Party – USAID Mongolia Energy Governance Activity, Abt Associates (2022 – Nov 2024)

• Supported implementation of a national energy governance reform programme in close coordination with USAID and senior government counterparts.
• Led development of sector-wide roadmaps aligned with Vision 2050, defining phased reforms, institutional roles, and private-sector engagement mechanisms.
• Supported PPP frameworks and financing mechanisms for renewable energy and infrastructure projects.
• Facilitated policy dialogue between government and private investors to strengthen investment attractiveness and regulatory certainty.

Director – Energy Market Research & International Cooperation Division, Energy Regulatory Commission (2018 – 2022)

• Led analytical research and feasibility studies for renewable energy deployment, market reform, grid integration, and energy storage solutions.
• Drafted amendments to the Renewable Energy Law introducing competitive auctions, generating estimated economic benefits of 2 billion MNT annually.
• Contributed to Mongolia's first NDC and energy master planning with support from the World Bank.
• Strengthened cooperation with international partners including ADB, World Bank, GIZ, JICA, ASEAN regulators, and NARUC.

Director – Energy Market Research and Planning Division, Energy Regulatory Commission (2016 – 2018)

• Developed regulation for Distributed Renewable Energy Systems enabling households and businesses to produce and sell renewable electricity.
• Conducted market and demand-side studies supporting climate finance and energy transition planning.
• Organized the first Asia-Pacific Forum on Renewable Energy in Mongolia.

PROFESSIONAL MEMBERSHIPS & CERTIFICATIONS

- Chairman, World Energy Council Mongolia
- Member, International Association for Energy Economics (IAEE)
- APMG Public–Private Partnerships Certification Programme (2023)
- Leadership Development – Abt Associates (2023)
- Green Climate Fund Concept Note Development Training (2018)