

# CLIMATE-RESILIENT GER(YURT) KINDERGARTENS

Transitioning Ger (yurt) kindergartens into low-carbon, energy-efficient eco-learning hubs of education and well-being.

## Pilot Project Duration

(Phase One) September 2024 - June 2025 (10 months)

## Budget

150,000,000 KRW (approx. 107,913.67 USD based on the current exchange rate)



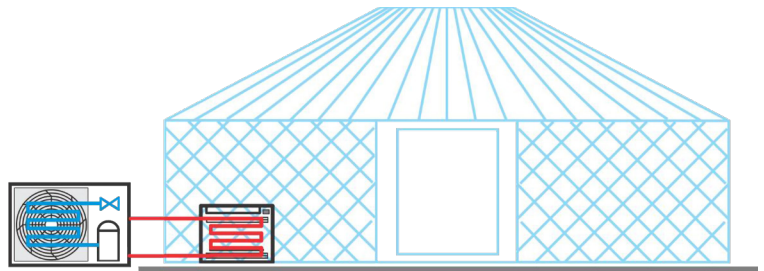
## Problem

The air quality in Ulaanbaatar, Mongolia, especially in Ger districts, is critically poor, with PM2.5 levels often exceeding WHO recommendations. The traditional coal-burning heating methods contribute significantly to this pollution, affecting the health and development of children. This project aims to introduce climate-resilient, low-carbon heating solutions in kindergartens, benefiting approximately 200 children directly and over a thousand community members indirectly.

## Key Activities

**One.** Installation of clean-technology heating solutions in Ger kindergartens along with proper insulation, air ventilation and indoor air quality monitoring devices.

- **Assessment:**  
Conduct detailed site assessments to determine the specific requirements for eco-friendly heating systems in selected kindergartens.
- **Installation:**  
Install clean-technology heating solutions to replace traditional coal-based methods. These systems will reduce greenhouse gas emissions and air pollution, improving indoor air quality and energy efficiency in the kindergartens.



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**Two.** Community Engagement to ensure awareness and action in improving children's educational environments.

- **Workshops for Teachers and Parents:** Organize workshops aimed at increasing awareness about Early Childhood Education (ECE) environments and air pollution prevention. This activity will specifically target teachers, parents, and caregivers to encourage the adoption of healthier practices both in school and at home.
- **Community Mobilization:** Engage with the community to spread information about the harmful effects of air pollution and the importance of clean environments for children's development. This will involve using local communication channels to maximize reach.

**Three.** Stakeholder Networking with local government, caregivers, teachers, and district officials to promote air quality and healthy environments.

- **Partnership Building:** Collaborate with local government entities, community stakeholders, and educational leaders to build support for the climate-resilient kindergarten model. The focus will be on encouraging the integration of eco-friendly practices into policies for ECE environments.
- **Government Advocacy:** Advocate for support and funding from government stakeholders to scale the project beyond the initial pilot kindergartens.



## Expected Outcomes

- 1. Improved Learning Environments:** Conduct detailed site assessments to determine the specific requirements for eco-friendly heating systems in selected kindergartens.
- 2. Increased Community Awareness:** Enhanced understanding among parents, teachers, and community members regarding air pollution prevention and the importance of eco-friendly environments for children.
- 3. Stronger Stakeholder Support:** Heightened awareness and involvement of local government stakeholders in promoting low-carbon, climate-resilient solutions for ECE environments.