

SWITCH OFF AIR POLLUTION



Energy efficiency advisory and financial intermediation for sustainable housing in GER areas of Ulaanbaatar

4 years project 2018-2021

Budget: 2.191.896 euro

The project will **promote sustainable consumption patterns and behaviors in the individual housing sector of Mongolia through energy efficiency advisory and financial intermediation**, becoming a market catalyst.

Sectors covered will be: identification of potential locally adapted and affordable technologies, capacities of energy efficiency actors, awareness raising and financing instruments for **1000 households in Ulaanbaatar Ger- districts**.

Building Energy Efficiency Center (BEEC) and GERES will **develop appropriate technical options** for the project together and check that if **construction** has been done **according to advice** and will carry out **energy efficiency audits**.

People in Need (PIN) with Ger Community Mapping Center (GCMC), will **analyze the environment and social constraints** to better address the final solutions, contributing to its **dissemination**.

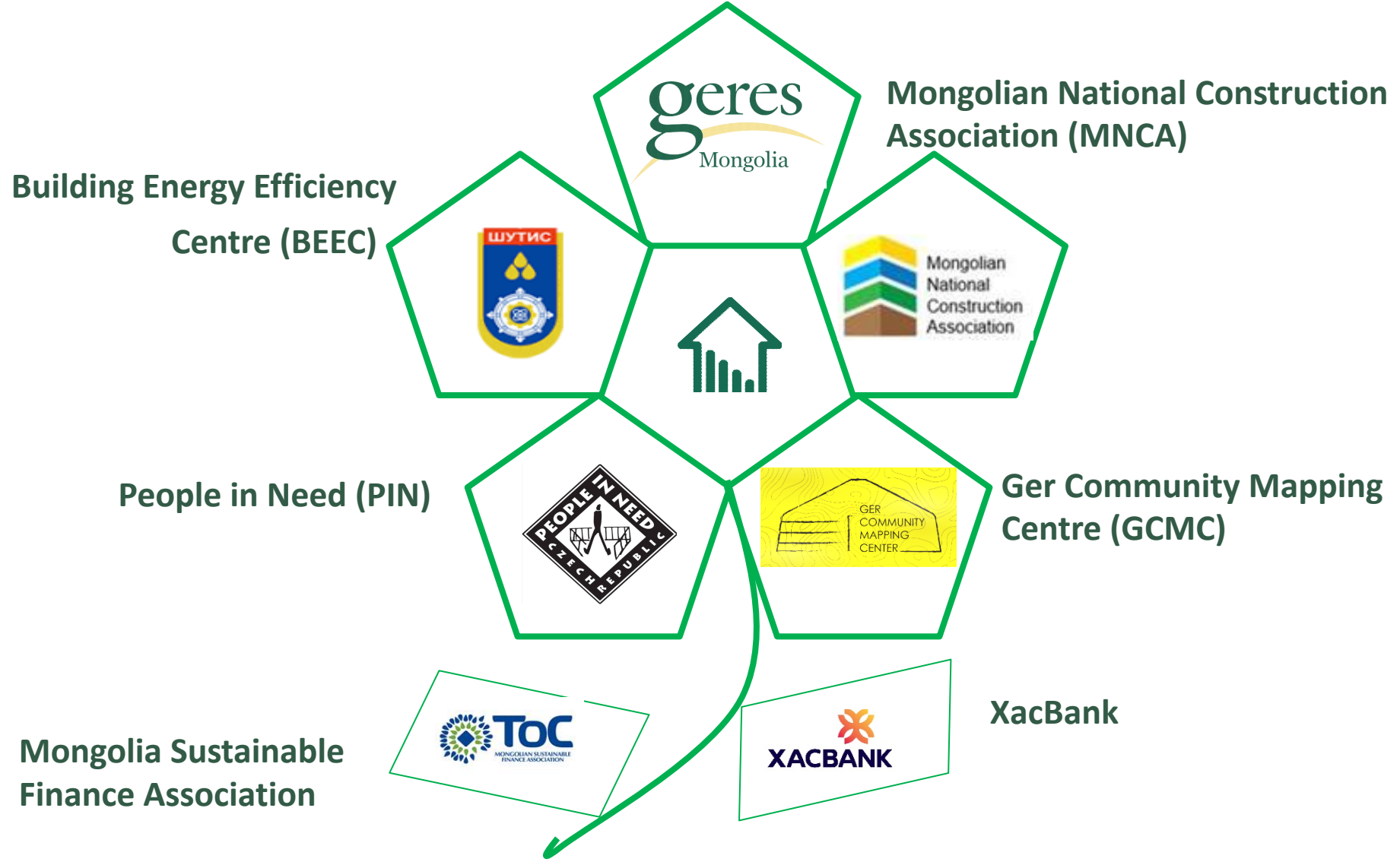
Mongolian National Construction Association (MNCA) will **strengthen Ger area construction sector capacity** (MSMEs) to sell and set-up Energy Efficiency project solutions.

GERES will define ways to **adapt financing instruments to the needs of households** and identify financing options and link with financing agents with households.

GCMC **will mobilize and engage Ger community** and PIN will **engage relevant stakeholders**, to involve them from the beginning **in the design process, testing the solutions, building their awareness of the process and its aims**

Implementing Partners

Groupe Energies Renouvelables,
Environnement et Solidarités




OP-1

Appropriate technical solutions and recommendations for energy efficient dwellings are defined and shaped


OP-2

Construction sector capacity to sell and set-up EE retrofit or building is strengthened through gender sensitivity


OP-3

Households and SMEs are linked, through **finance intermediation**, to relevant financing tools and subsidy mechanisms


OP-4

Solutions and practices are **disseminated** with the support of energy advisors, finance officers and awareness raising actions


OP-5

Conditions for **scale-up and replication** of the project package tool are in place, including gender mainstreaming

6000 T_{eq}CO₂/year avoided emissions

1600 mT/year Coal saving

1000 Detached Houses

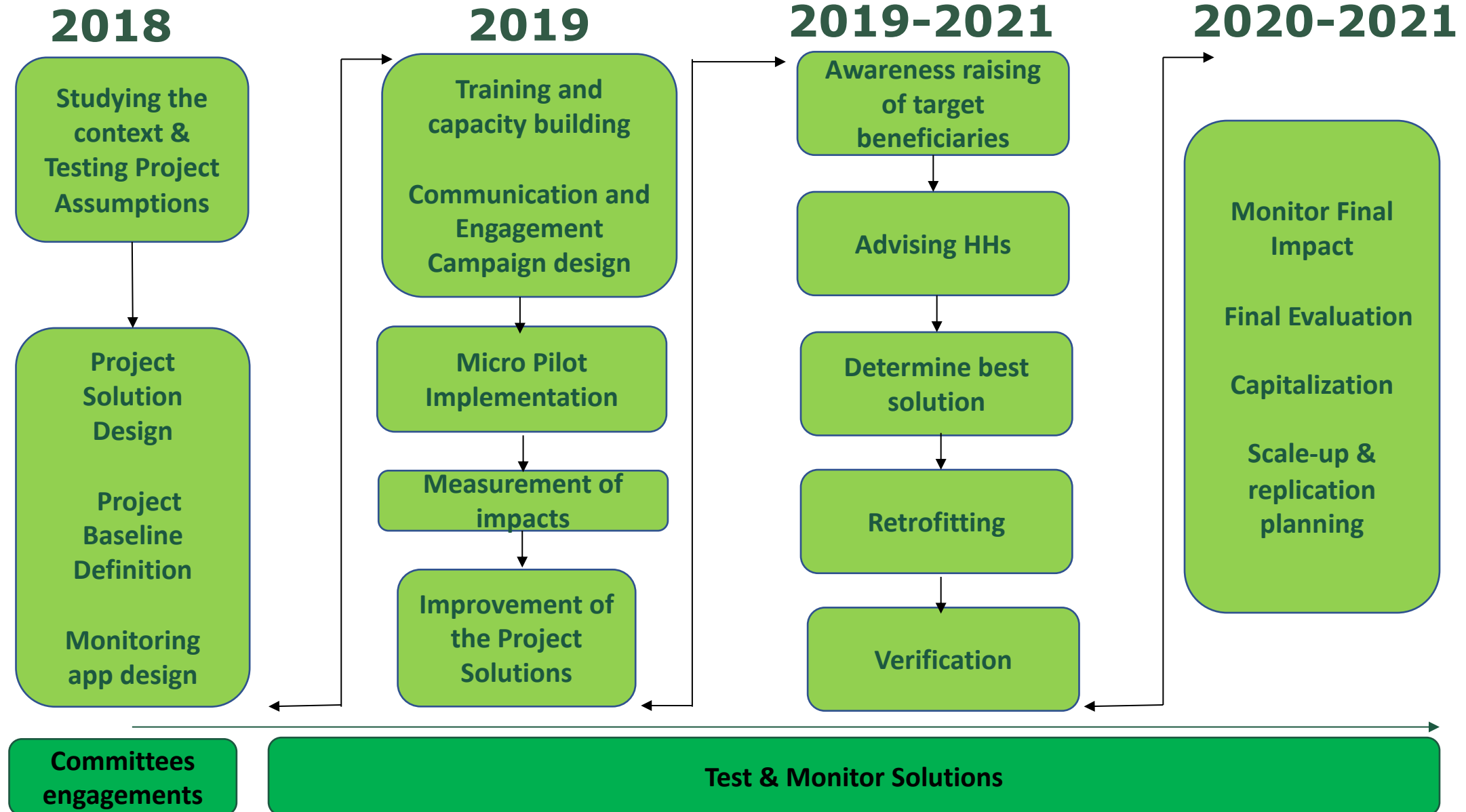
**20% EE retrofits
solutions**

Conservative estimation





- **To motivate GER households to implement Energy Efficiency measures at their House**
- **Low cost, good quality and Energy Efficiency high impact Technical solutions**
- **Solutions tailored for the most vulnerable Households**
- **Finance products tailored to the needs of the target group**
- **To work with MSME's at GER area**





Energy for a fair and sustainable world

www.geres.eu