The Problem
Too much (fossil) energy use from electricity (heating/cooling & electronic appliances), too much CO₂

The Solution
Reduce (fossil) energy use in the home & CO₂ with SMARTer 2030 solutions

Connected appliances
Renewable energy sourced electricity
Efficient buildings

Zhang
Beijing
Public Officer
Single

Zhang wants to reduce his CO₂ footprint

Learn more!
smarter2030.gesi.org

He lives in a SMART building designed for optimised energy use and connects all appliances to his SMART meter and mobile

Smart Buildings

5 Bn MWh can be saved up through smart buildings globally

0.151 Gt CO₂ abatement potential in China

Smart Grids

0.602 Gt CO₂ abatement potential for Smart Energy Solutions in China—the largest abatement potential globally

He is connected to a smart grid enabling more renewable energy sourced electricity

He uses smart meter apps to monitor his energy consumption at home remotely

Smart Applications

$4,937 Bn in cost savings through smart meters & other electronic devices

CO₂ = CO₂ equivalent

All currency data in US Dollars

An initiative by: In partnership with:

SMARTer2030 Solutions for Sustainable Living: Housing

CO₂ abatement potential in China—the largest abatement potential globally