



The Problem

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

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

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

The Solution

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

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

by 2030...

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

Smart Buildings	Smart Buildings
5 Bn MWh	0.151 Gt
can be saved up through smart buildings globally	CO ₂ abatement potential in China

Learn more!



SMARTer2030
Solutions for Sustainable Living:
Housing
smarter2030.gesi.org

CO₂ = CO₂ equivalent
all currency data in US Dollars

An initiative by: **GeSI**
GLOBAL e-SUSTAINABILITY INITIATIVE

In partnership with: **cscsp** **accenturestrategy**