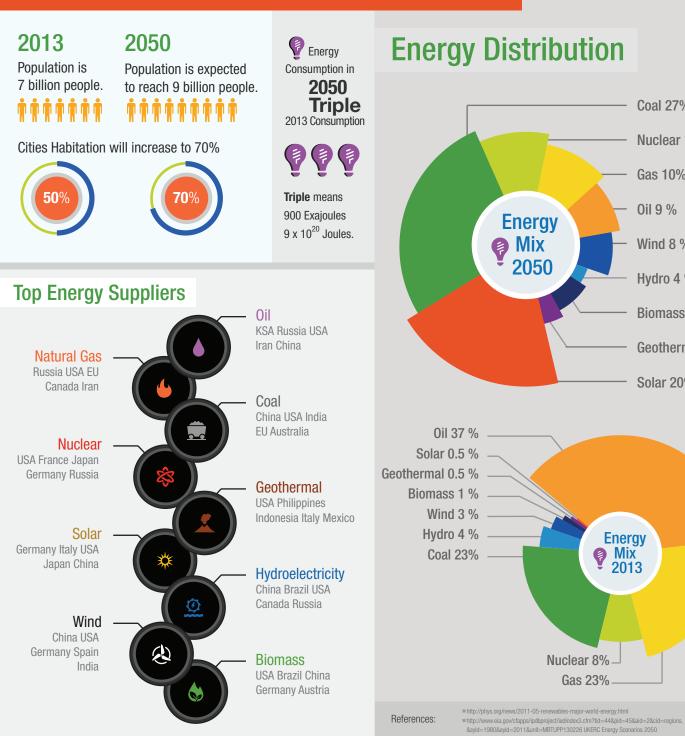
Insight to Energy Mix in 50 years



could produce as much **4** electricity as burning **500,000** each vear. Tons of 👮

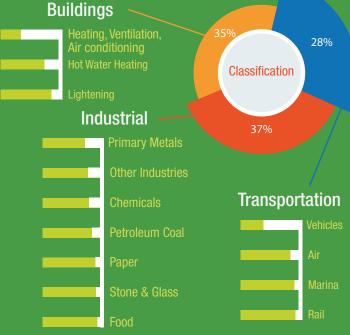
Briefing Metastudy energy scenarios

Berthoud_-_Sustainable_Energy_Mix_-_Global_Pathways_Towards_2050

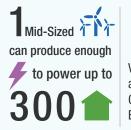
= PUB World-Energy-Insight 2012 WEC ■ shell-global-scenarios statistical_review_of_world_energy_full_report_2011-2012

required.





Perspective in Renewable Energy



Volcanoes & Geysers are examples of Geothermal Energy

Enough Sunlight falls on the earth's surface every 🙆 Hour to meet world energy demand for an entire year.

a field by the size

of **Michigan** is

To power

USA

with

BCSE_BNEF_Sustainable_Energy_in_America_2013_Factbook

Energy

Coal 27%

Gas 10%

0il 9 %

Wind 8 %

Hydro 4 %

Biomass 8%

Solar 20%

Mix

Gas 23%

2013

Geothermal 4%

Nuclear 10 %

Silicon from just **1** Ton Refrigerators in of Sand, used in Photovoltaic Cells.

USA consume about the same Energy as 25 large Power Plants produce