

Green Technology Solution

Reduction of CO2 exhaust and
PM for the environment protection
in the Industries

30 September 2010

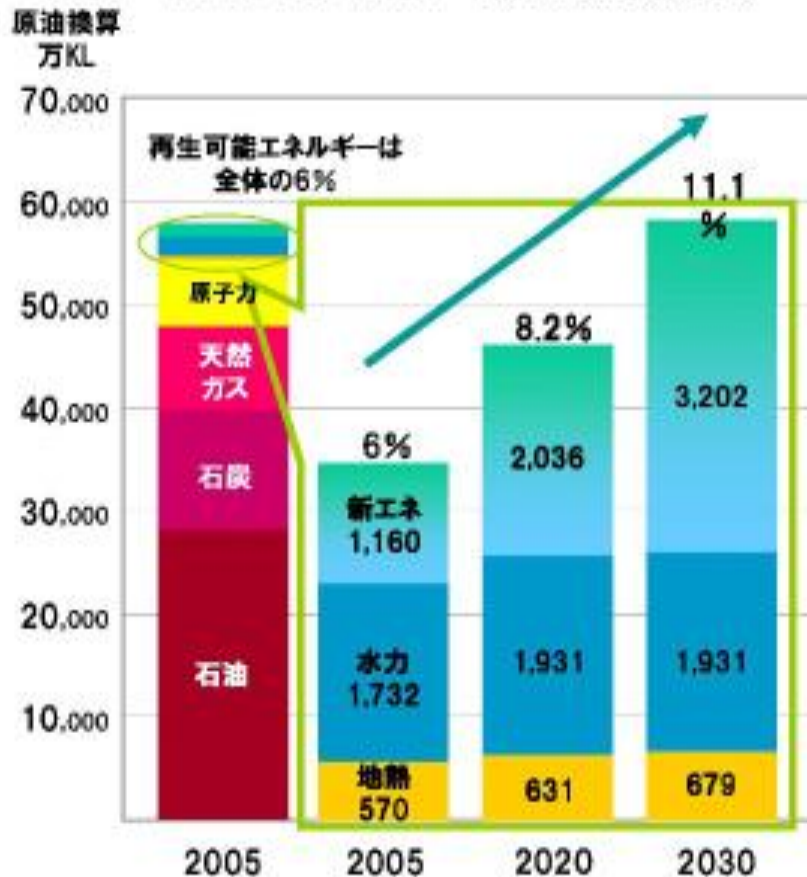
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Primary Energy Supply and Long term Goal in Japan

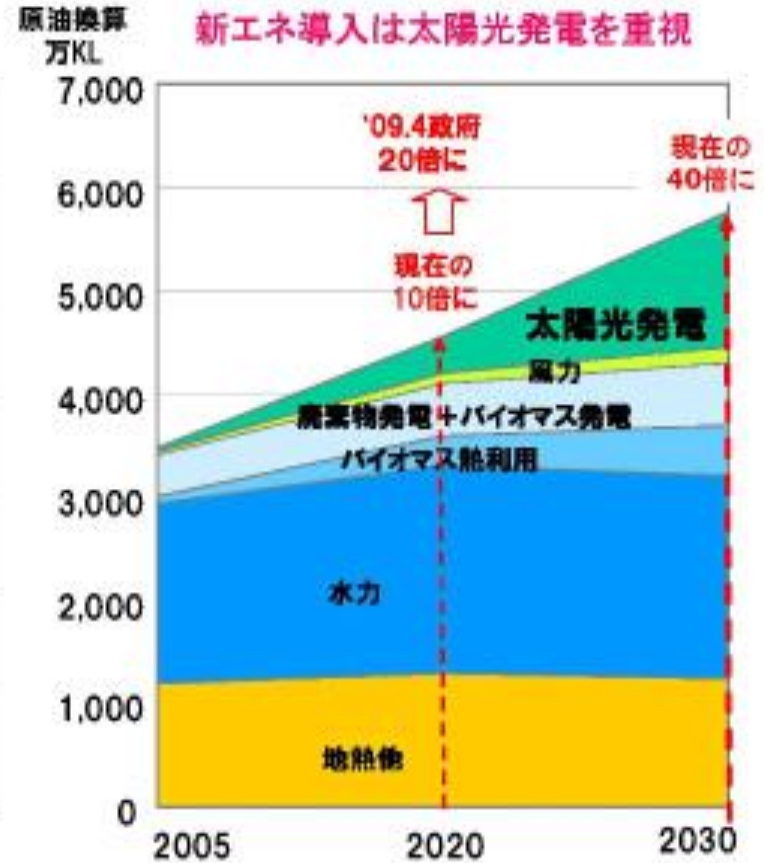


再生可能エネルギーの導入拡大と太陽光発電への期待

日本の一次エネルギー供給と長期導入目標

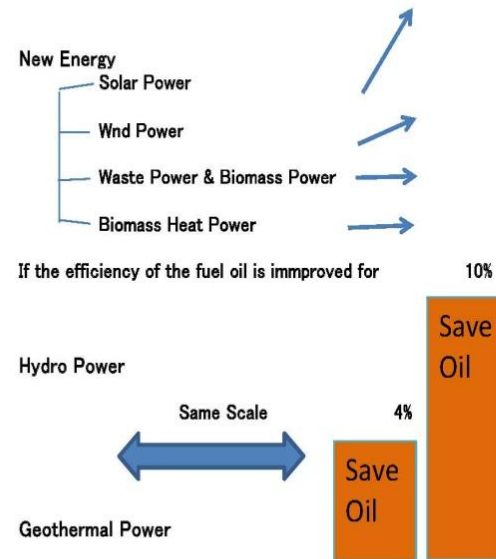
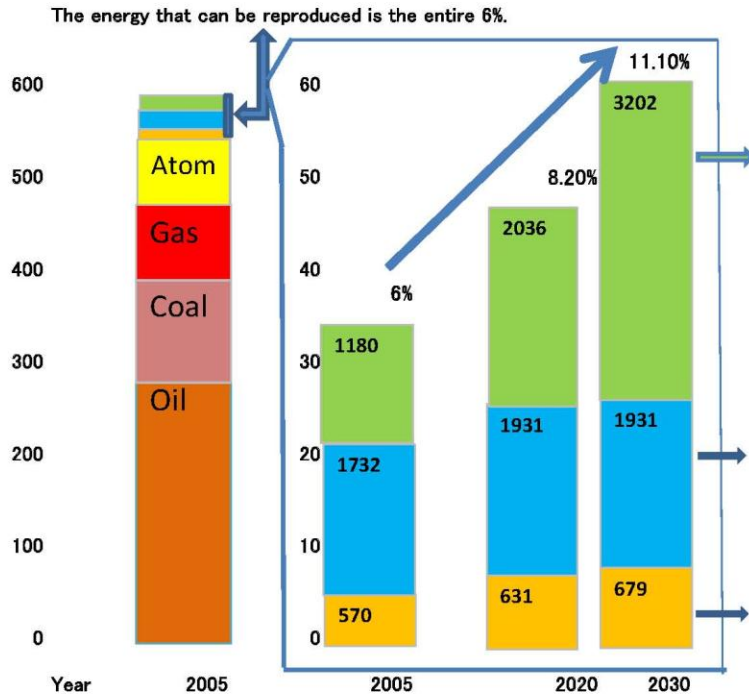


将来の再生可能エネルギーの導入量



Primary energy supply and long-term goal in Japan

Mega Litter (Crude Oil Equivalent)



Solution to Green Environment

70-80 % of PM is reduced after using Additives



Before using Additives

After using Additives

Adding Additives made the funnel smoke transparent

Before adding



3months after use



7months after use



Reduction of CO2 exhaust by conservation of energy of fuel for ship

- The energy-saving effect is 3.9% by the actual data for 3 years.
- And also 0.1 ton CO2 reduction for each consumption fuel 1KL can be achieved by this additives, as example, **reduce 100Ton of CO2 for 1,000 KL Fuel oil**

How “Enzyme” works for Carbon?

- Core is the organic enzyme , which absorbs oxygen from air to make the fuel easier to burn
- **Fine dispersion of fuel’s molecular structure**

