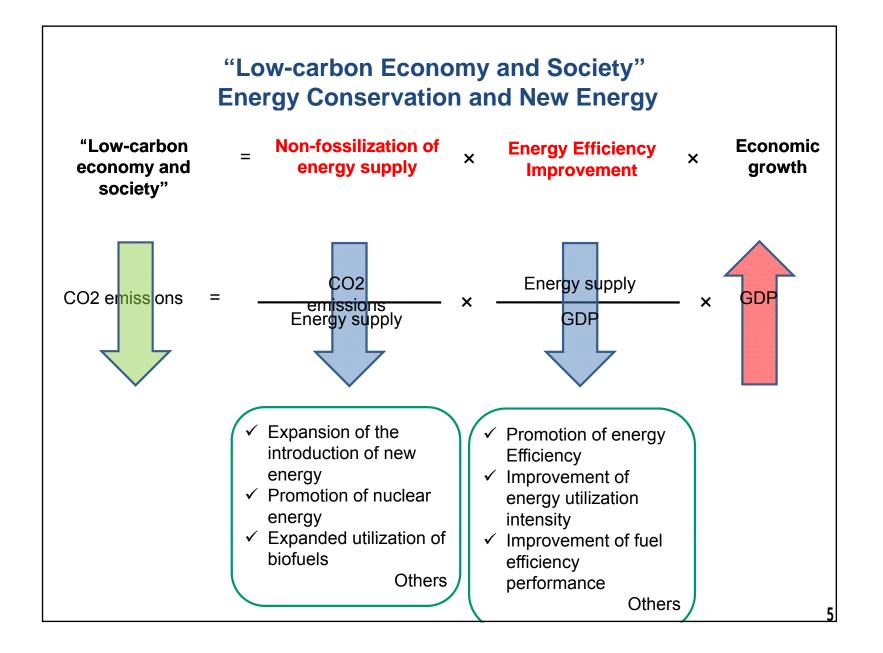
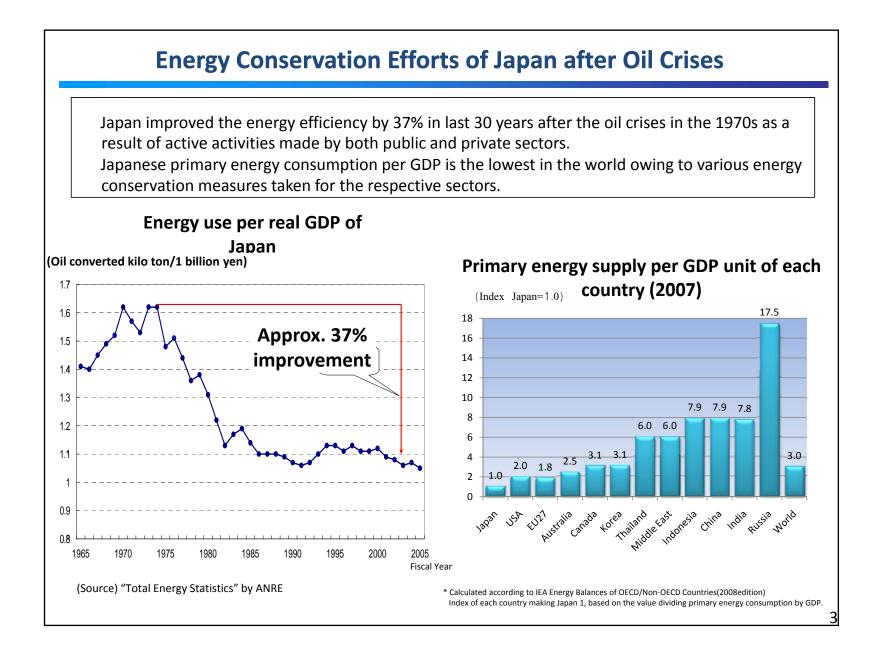
Japanese policies in the area of Energy Conservation and Renewable Energy

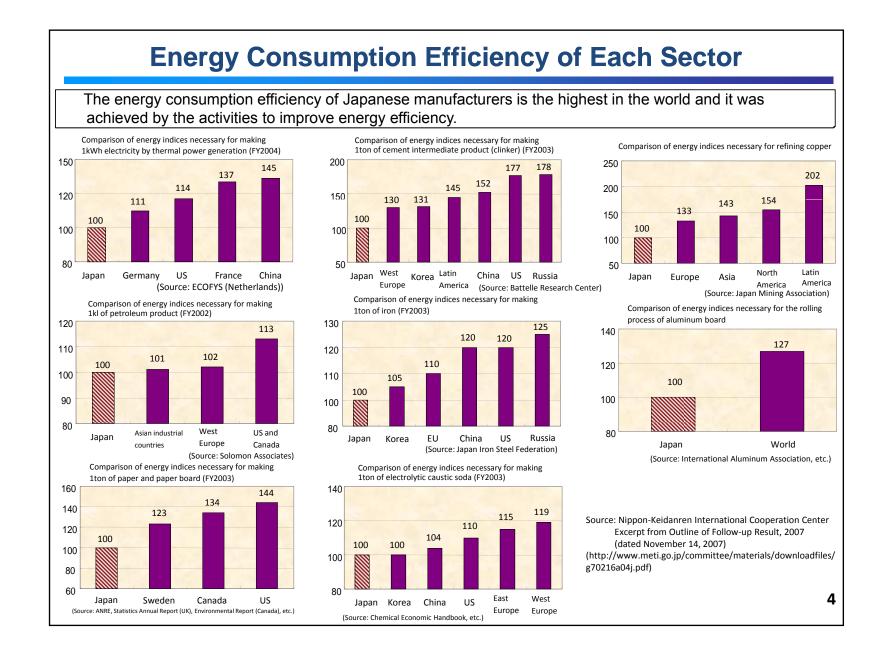
Toshikazu Masuyama

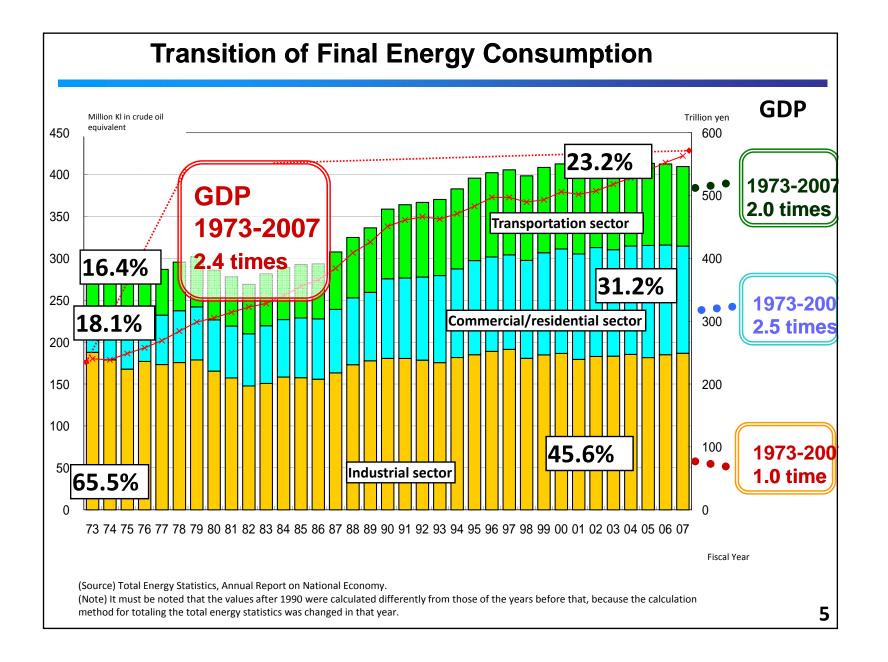
Director, Policy Planning Division, Department of Energy Conservation and Renewable Energy, METI

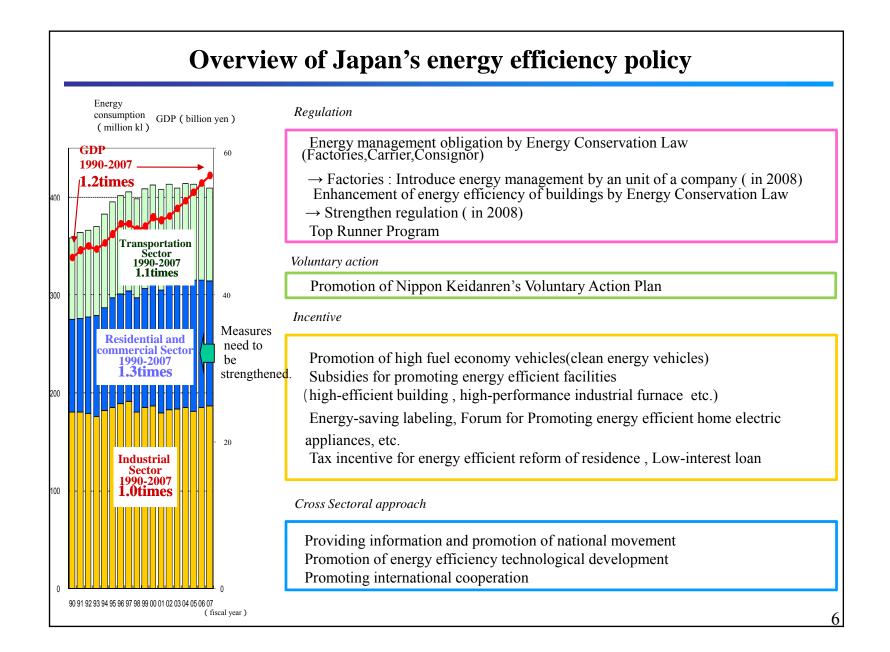




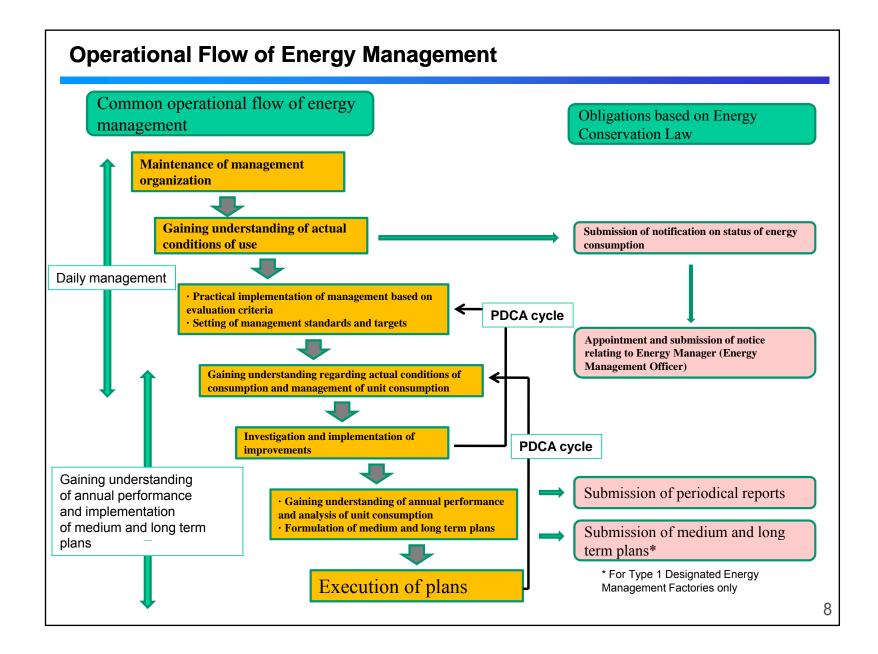


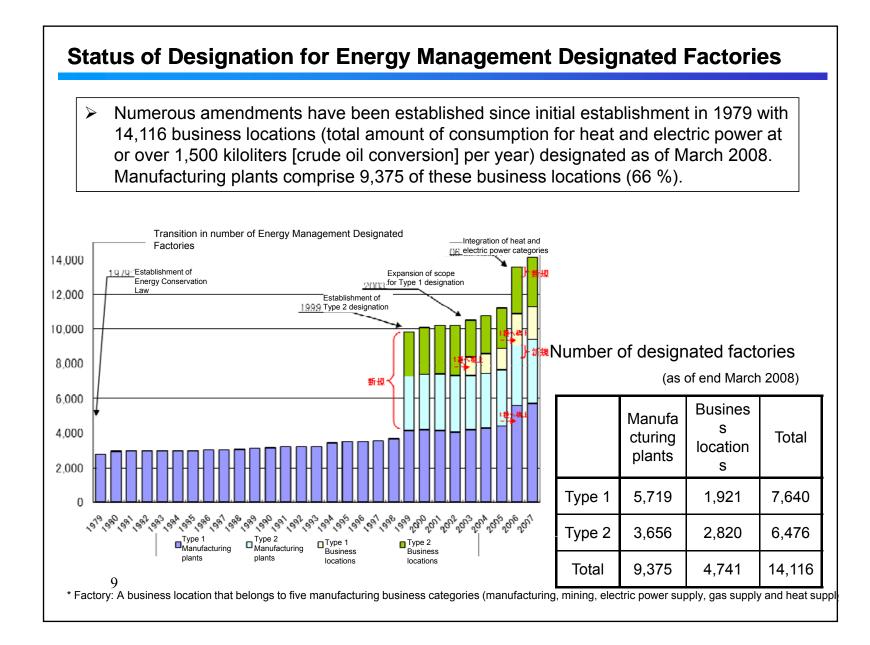


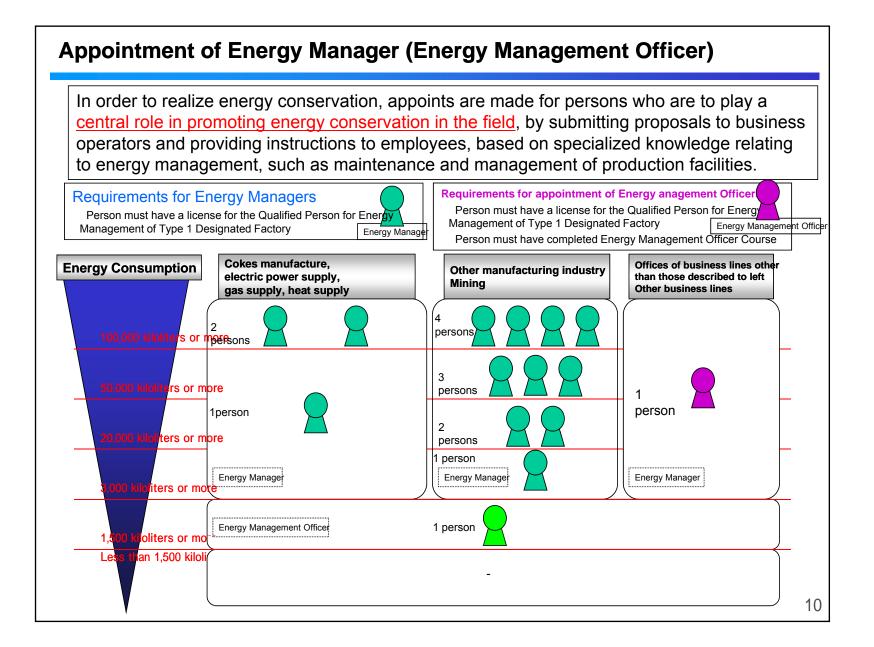


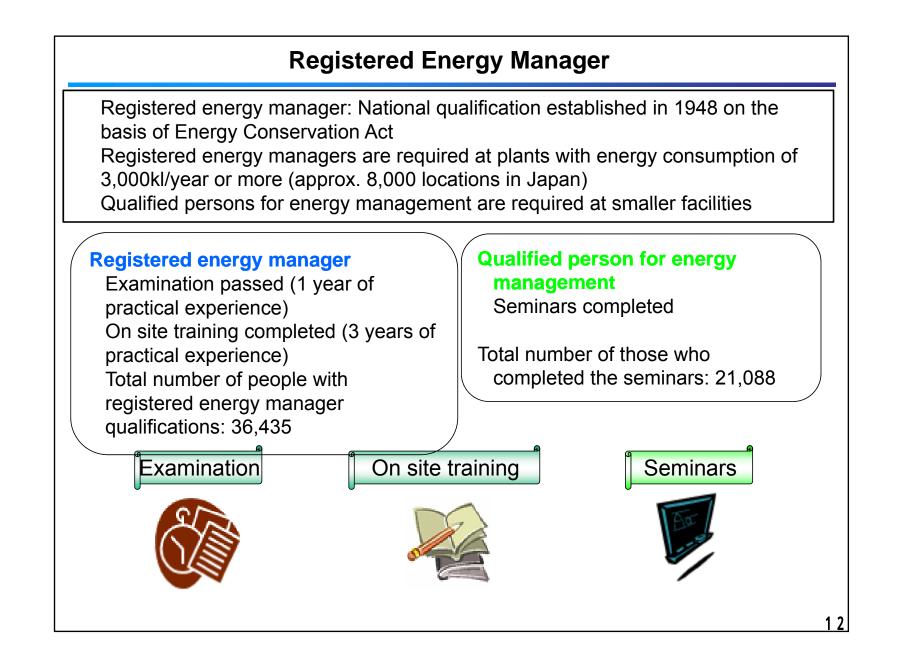


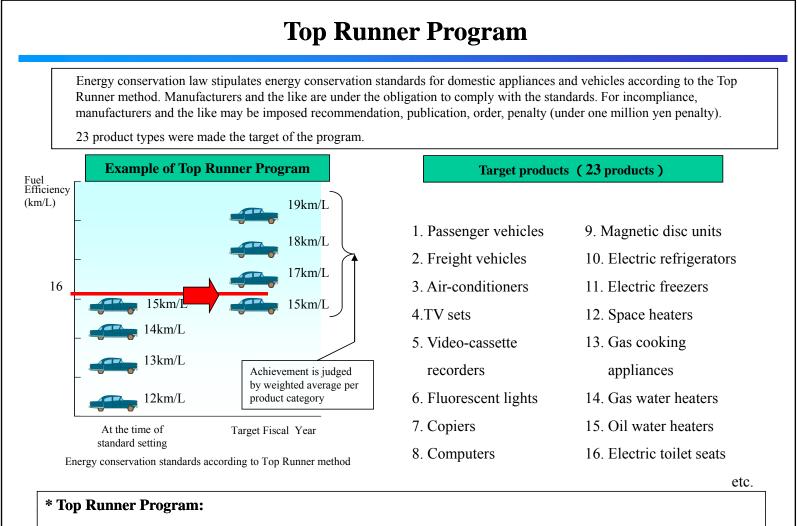
Industrial		imercial siness)	Commercial (Residential)		Transport
Me	asures b	based on Er	nergy Conservatio	on La	aw
	Effort	obligation and	d judgment standard	S	
Reporting Require	Requirements Reportir		Requirements		Reporting Requirements
Obligations (Appointment of Energy Manager etc)			o encourage nts in EE in housing		
		L			
	<u>To</u>	p Runner St	andard (for househ automobiles, etc.)	old a	ippliances,
			ficient equipment,		











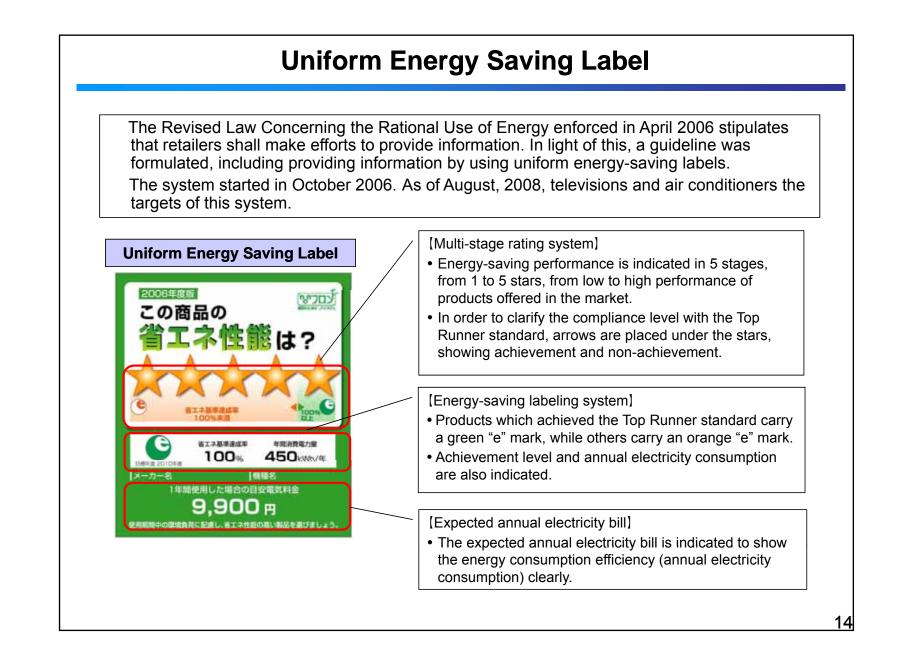
The concept of the program is that fuel economy standards for vehicles and energy conservation standards for electric appliances, etc. shall be set exactly the same as or higher than the best standard value of each product item currently available in the market.

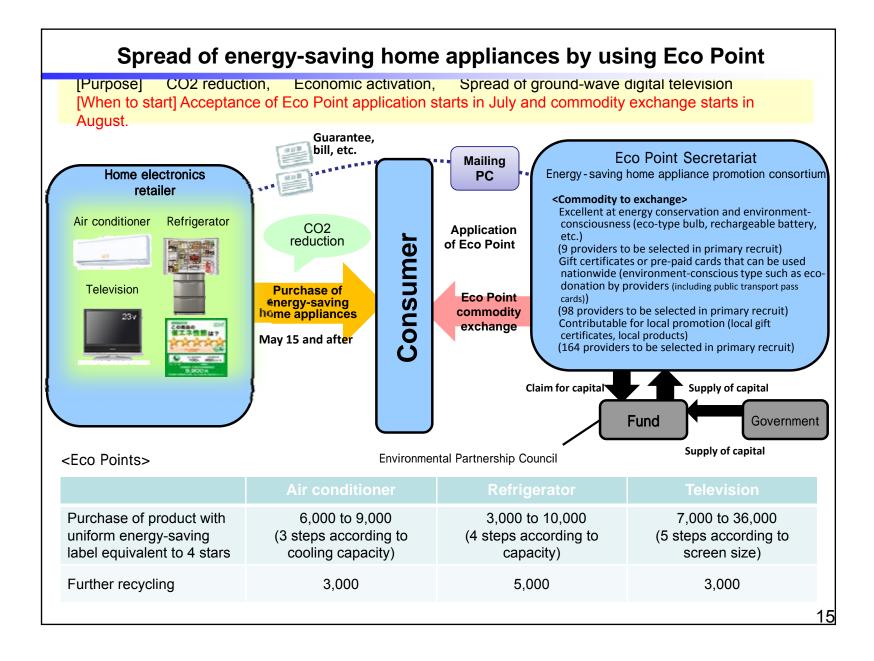
© ERINA

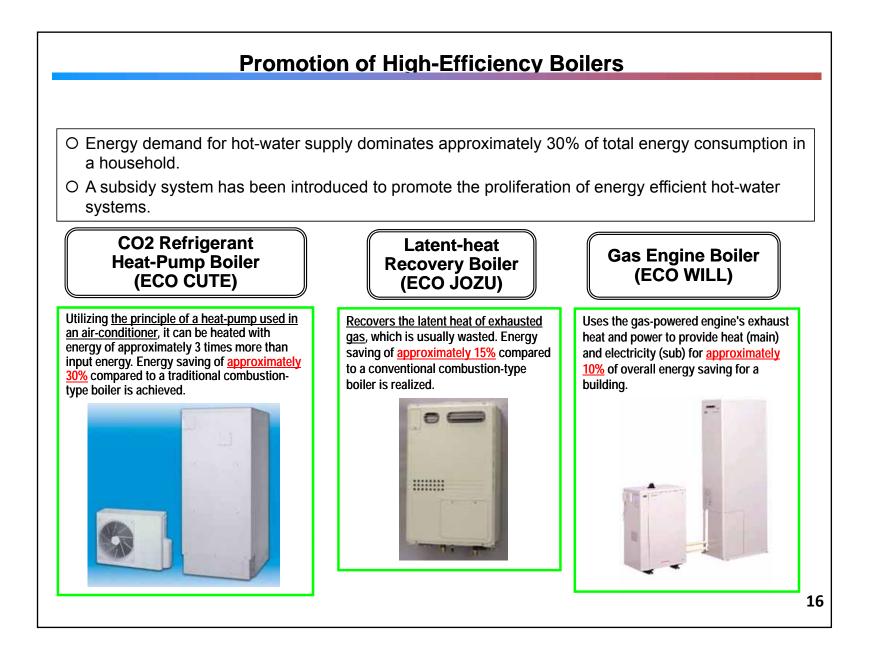
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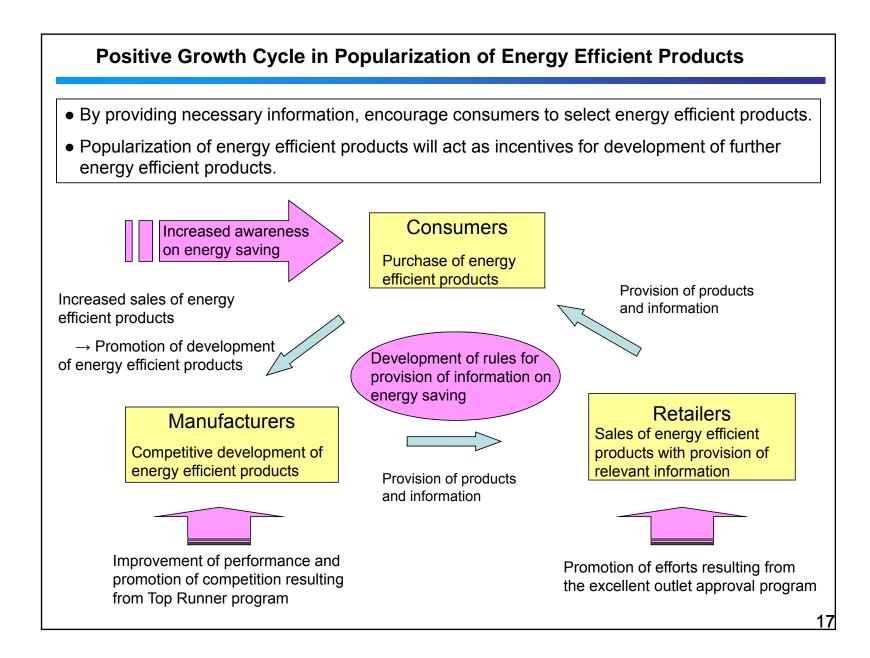
Device	Improvement of energy consumption efficiency (recorded)	Improvement of energy consumption efficiency (estimated)
Television receiver (cathode-ray tube television)	25.7% (FY1997 → 2003)	16.4%
Video tape recorder	73.6% (FY1997 → 2003)	58.7%
Air conditioner (room air conditioner) *	67.8% (FY1997 → 2004)	66.1%
Refrigerator	55.2% (FY1998 → 2004)	30.5%
Freezer	29.6% (FY1998 → 2004)	22.9%
Gasoline passenger vehicle *	$22.8\% (FY1995 \rightarrow 2005)$	$22.8\% \text{ (FY1995} \rightarrow 2010)$
Diesel truck *	$21.7\% (FY1995 \rightarrow 2005)$	6.5%
Vending machine	37.3% (FY2000 → 2005)	33.9%
Fluorescent lighting equipment *	35.6% (FY1997 → 2005)	16.6%
Computer	99.1% (FY1997 → 2005)	83.0%
Magnetic disk unit	98.2% (FY1997 → 2005)	78.0%
Copying machine	72.5% (FY1997 → 2006)	30.97%
Electric toilet seat	14.6% (FY2000 → 2006)	9.7%
Gas water heater (instantaneous gas water heater, gas-heated bath)	1.6% (FY2000 → 2006)	4.1%
Gas cooking machinery (cooker)	15.7% (FY2000 → 2006)	13.9%
Gas heater	1.9% (FY2000 → 2006)	1.4%
Oil heater	$5.4\% (FY2000 \rightarrow 2006)$	3.8%

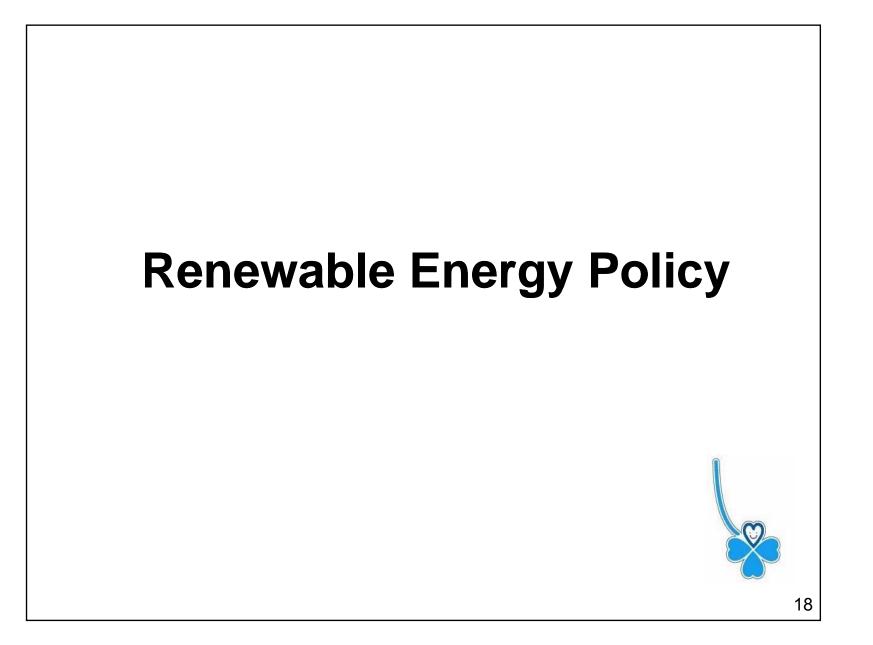
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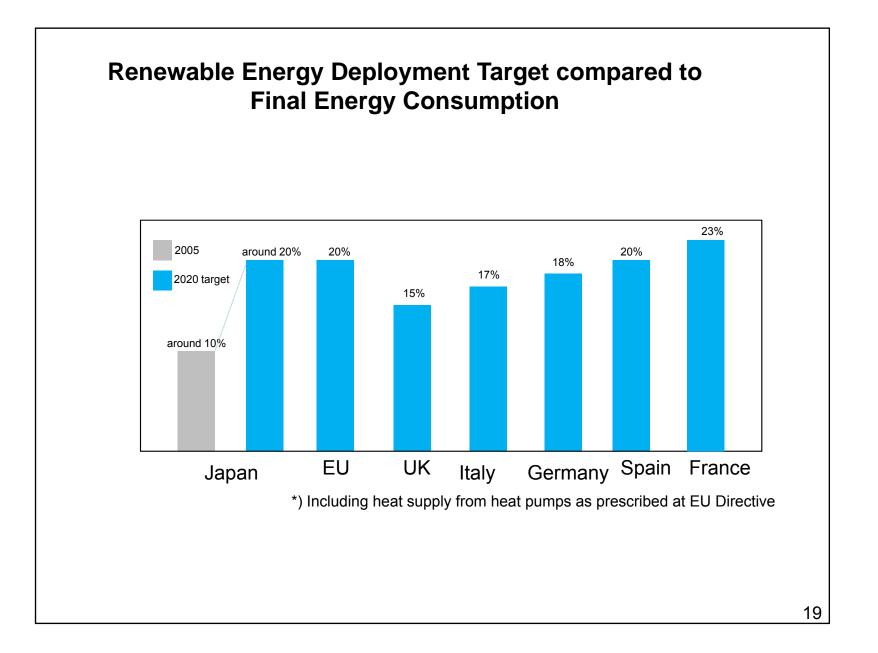


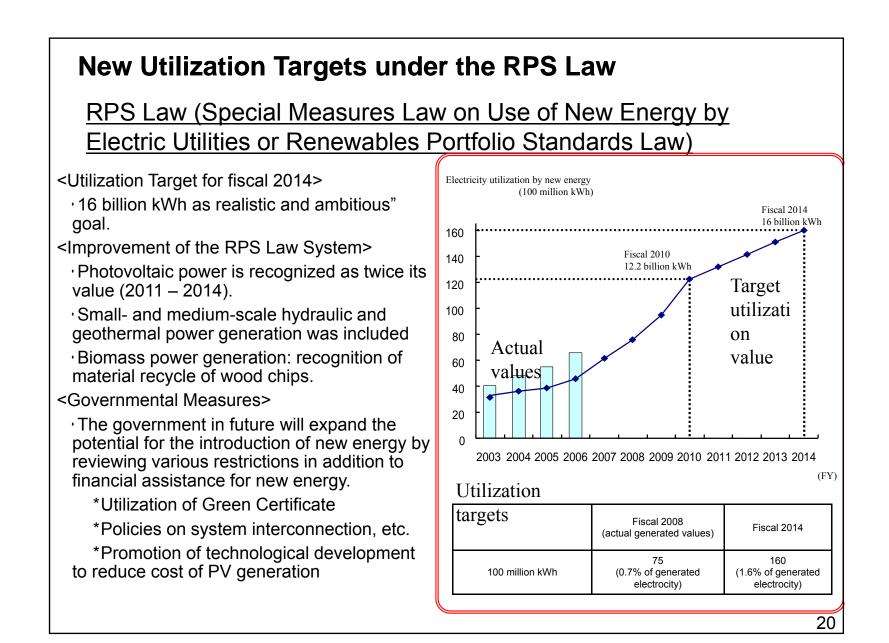












	Subsidies	Tax Incentives	Regulation	
Residence	70,000 yen per kW start from Jan.2009 (approx.10% of cost of system)	included in Home Loan Taxation amount to 1% of the loan balance is deducted from the income tax for 10 years also included in Renovation Promotion Taxation amount to 10% of the renovation cost (up to 5 million yen) is deducted from the income tax, in case of the renovation for energy conservation		
Industrial Sector (Factory, Buildings, etc.)	Upper Limit : 1/3 of Total Cost in case of large scale plants cooperate with local governments, upper limit : 1/2 of total cost	Investment Promotion Taxation for Improvement of Energy Supply & Demand Structure amount to 7% of the total cost is deducted from the corporation tax or 30% special depreciation (for small and medium-sized enterprises)	RPS Act	
Public Sector (Local Government, School, Hospital, etc.)	Upper Limit : 1/2of Total Cost			

