coreboaro

Strey Energy Trends over 35 years



International Energy Agency

Table of contents _

	Execut	tive summary				
	IEA	in the world				
	Popula	ation and gross domestic product14				
	Energy	y production: total, coal and oil				
	Energ	y production: natural gas, nuclear and renewables				
	Energy	y imports				
	Energy	y exports				
	Total primary energy supply by region					
	Primai	ry energy supply by fuel				
	Total p	primary energy supply by region and by fuel28				
	Electri	icity production				
	Electri	icity consumption				
	CO ₂ er	missions from fuel combustion				
7 _A V	Diversity within the energy sector					
	Ĩ	Diversification in energy production				
	2	Diversification in total primary energy supply40				
	3	Diversification in oil supply and consumption				
	4	Diversification in coal supply and consumption				
	5	Diversification in gas supply and consumption				
	6	Diversification in industry consumption				
	7	Diversification in transport consumption50				
	8	Diversification in residential consumption				
	9	Diversification in commercial and public services consumption				
	10	Diversification in electricity production				
	9 9	Diversification in sectoral electricity consumption				
F8)	ΛL:					
M . * M		lity to respond promptly to energy emergencies				
	12	Net energy imports				
	13	Self-sufficiency				
	14	Emergency oil stockholding				
a	Development of economic non-fossil fuels:					
	nuclear and renewables					
	15	Share of nuclear in TPES and electricity production				
	16	Share of renewables in TPES				
	17	Share of renewables in electricity production				
	18	Hydro				
	19	Non-hydro renewables				
	20	Biofuels				
	- 4	DIGITION				

	Imp	orove	ed energy efficiency				
	21	TPES p	per capita	84			
	22	TPES p	per GDP	86			
	23	Energy	y efficiency savings in IEA member countries	88			
	25 Energy		y intensity in manufacturing industries	92			
	27	Energy	y efficiency in households	96			
	28	Power	plant efficiency	98			
13	Enν	Environmentally sustainable provision and use of energy					
	29	CO2 ei	missions from fuel combustion	. 102			
	30	_	missions from the electricity sector				
	31	CO ₂ ei	mission intensities	. 106			
	Un	Undistorted energy prices					
november (1900)	37.	Prices and taxes of selected products					
<u>(</u>	Continued research, development and market deployment						
	33	RD&D	budgets in the energy sector	114			
	34		budgets for renewable energy				
	35		nplementing Agreements				
	Annexes						
	Ann	ex I	IEA Shared Goals	122			
	Ann	ex 2	Geographical coverage	123			
	Ann	ех З	Selected graphs for the world	124			
	Ann	ex 4	Selected key indicators for 140 countries, economies and regions	128			
	Ann	ex 5	Glossary	132			

Annex 6

Annex 7