



Comparative Analysis of Greenhouse Gas Reduction Targets – Israel

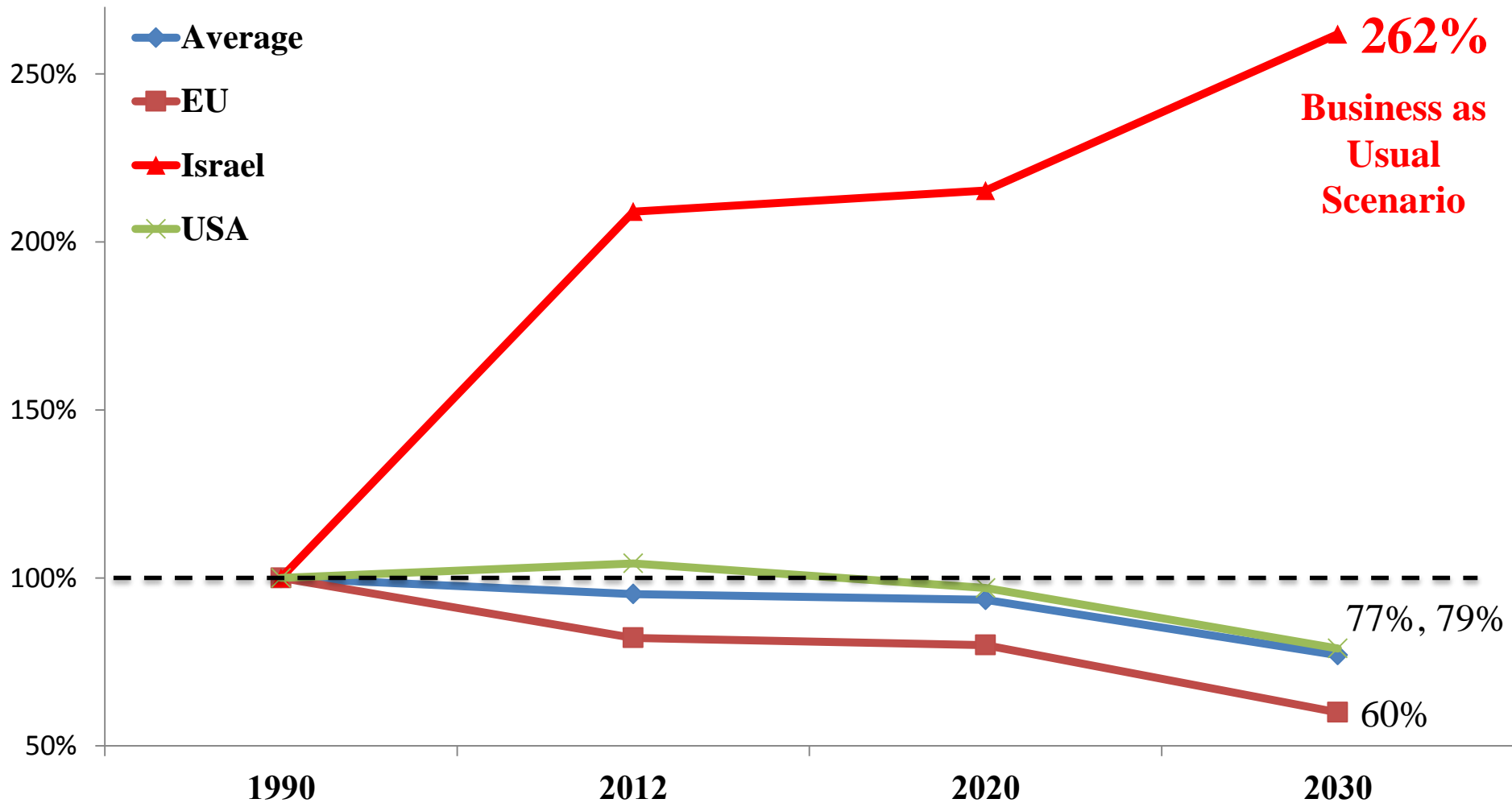
last updated: 01/12/2015



2030 Greenhouse Gas Reduction Targets

	from <u>1990</u> levels (absolute)	from <u>2005</u> levels (absolute)	from <u>BAU</u> scenario
European Union	-40%		
Norway	-40%		
Iceland	-40%		
Switzerland	-50%		
Russia	-25%		
Mexico			-25%
South Korea			-37%
New Zealand		-30%	
United States		-32%	
Canada		-30%	
Japan		-25%	
Australia		-26-28%	

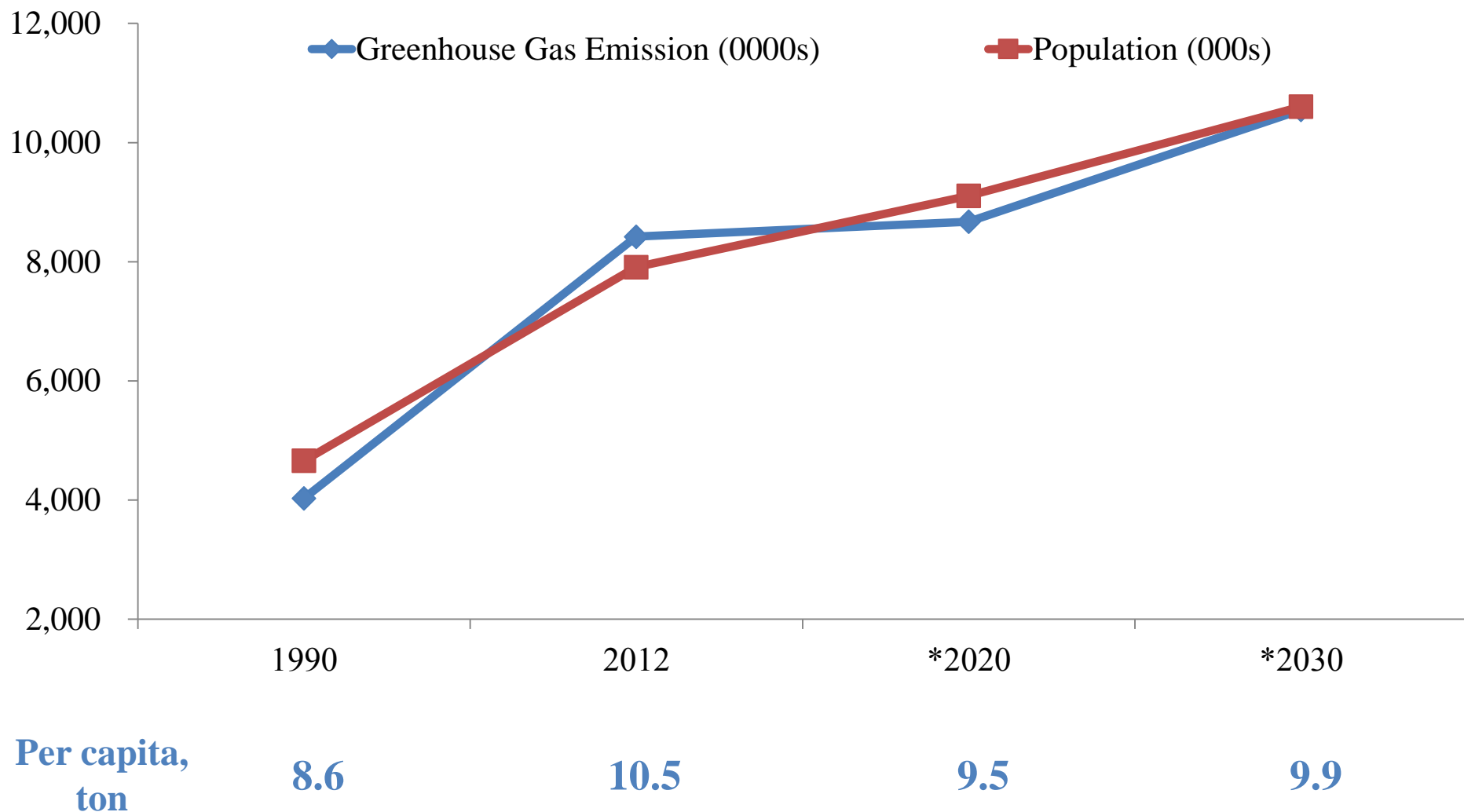
Israel's target of 7.7 per capita means a reduction from 1990 per capita levels



* Forecast: Israel – BAU, Rest – INDCs

* Average includes OECD, Russia and EU non-OECD countries, does not include Israel

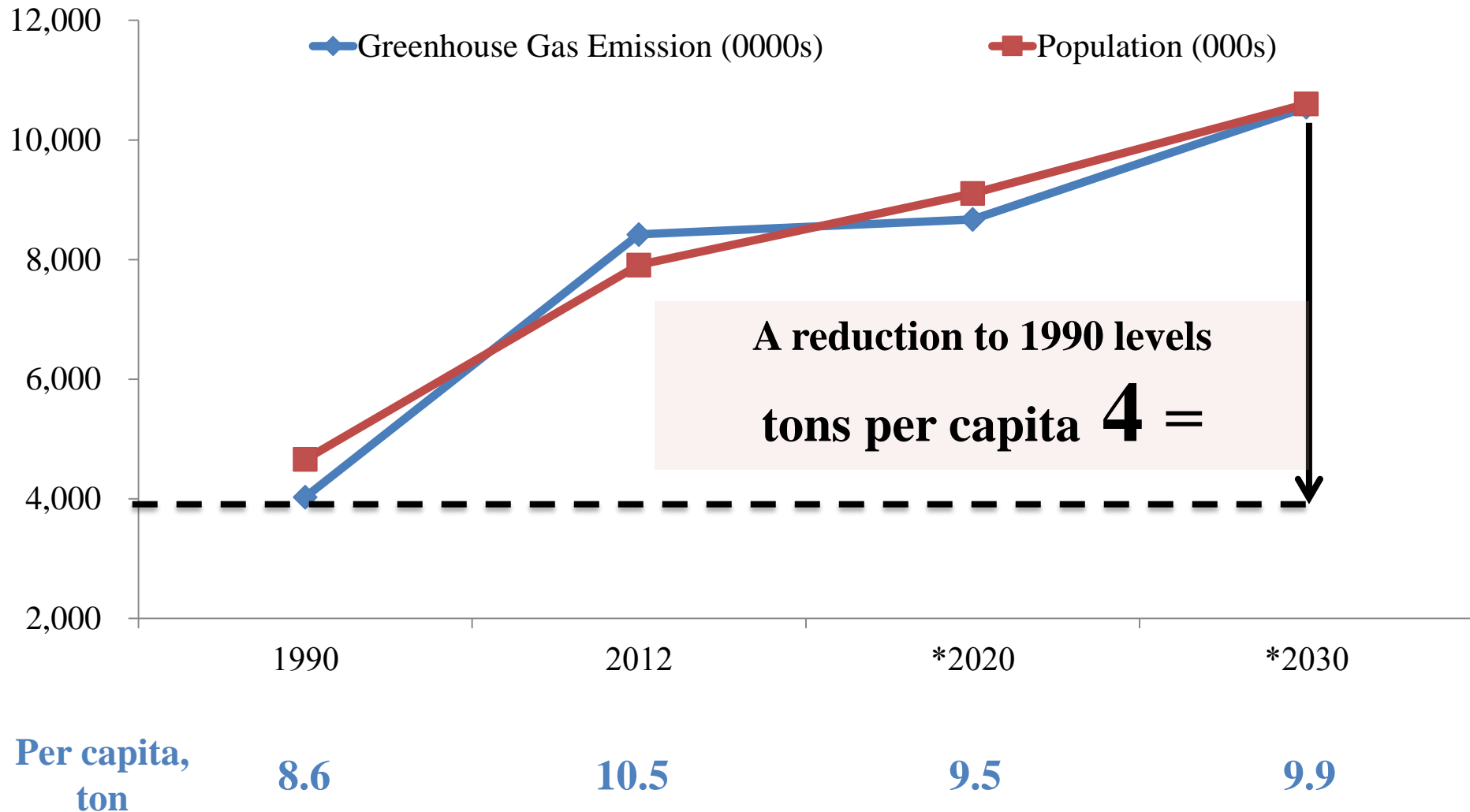
Israel Greenhouse Gas Emissions and Population Growth, 1990-2030



* According to BAU scenario projected by the interministerial committee led by the Ministry of Environmental Protection

* Data source: CBS. Processed by the National Economic Council

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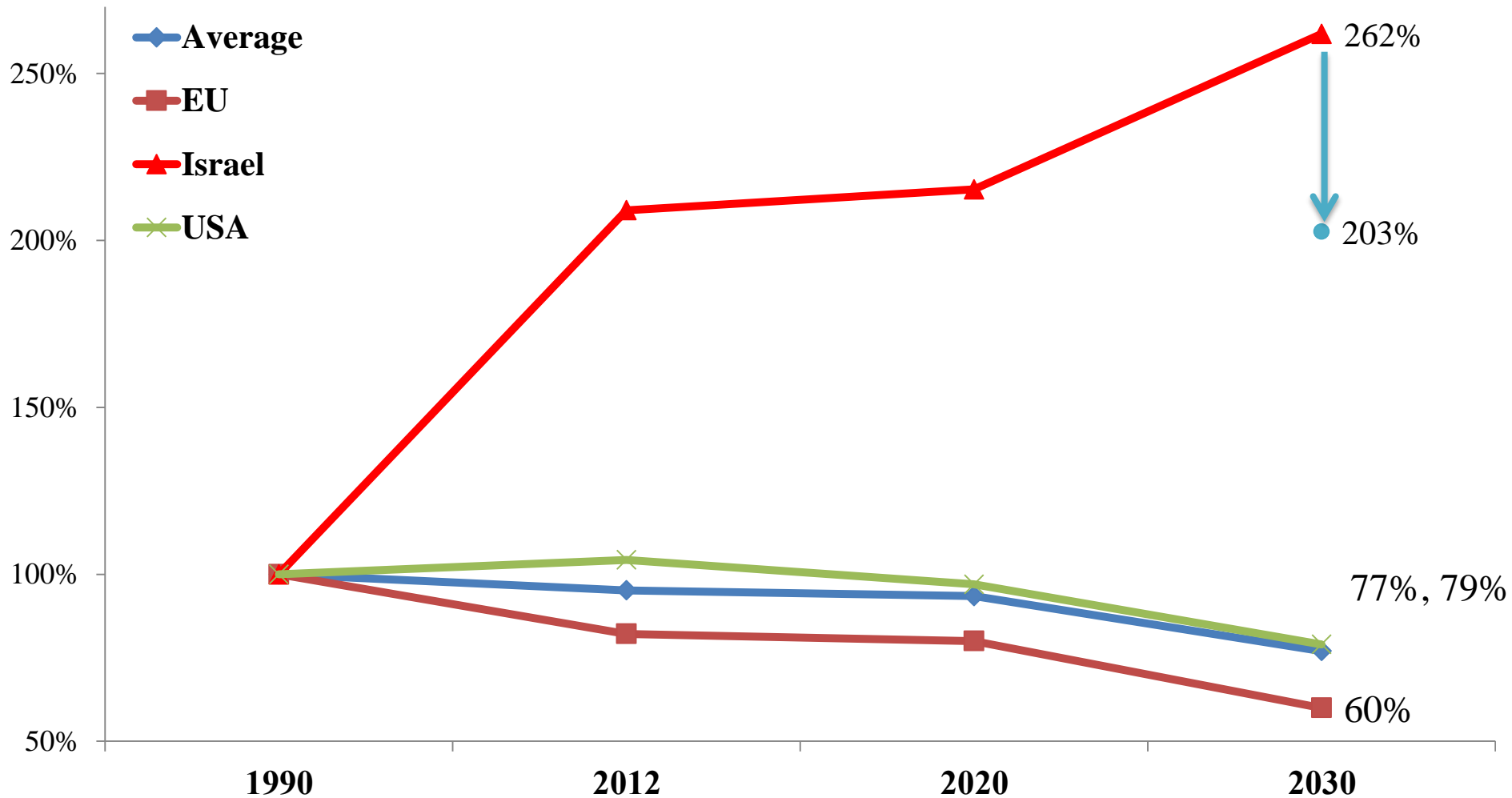
Israeli Context: Driver Forecasts for 2030

	World	EU	OECD	Israel
GDP* <i>Average annual growth rate (percentage)</i>	3.8	1.7	2.2	3.2
Population** <i>Average annual growth rate (percentage)</i>	0.95	0.18	0.4	1.5
<i>(in parenthesis, annual growth 1990-2030)</i>	(1.2)	(0.3)	(0.6)	(2)

*OECD Economic Outlook, 2014 + EU CEPS

**OECD stat

Israel's target of 7.7 per capita means a reduction from 1990 per capita levels

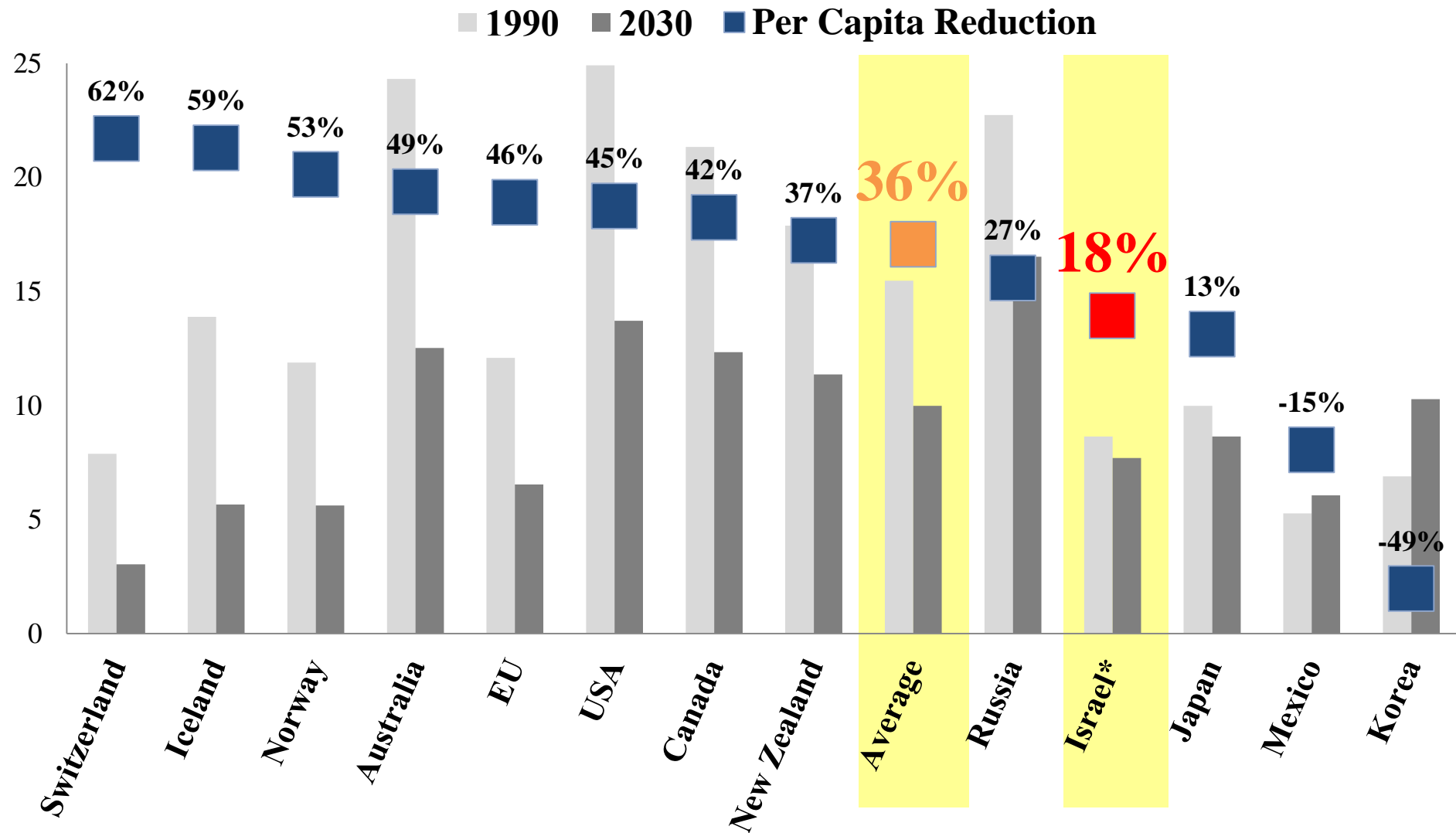


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Per Capita Reduction from 1990 levels

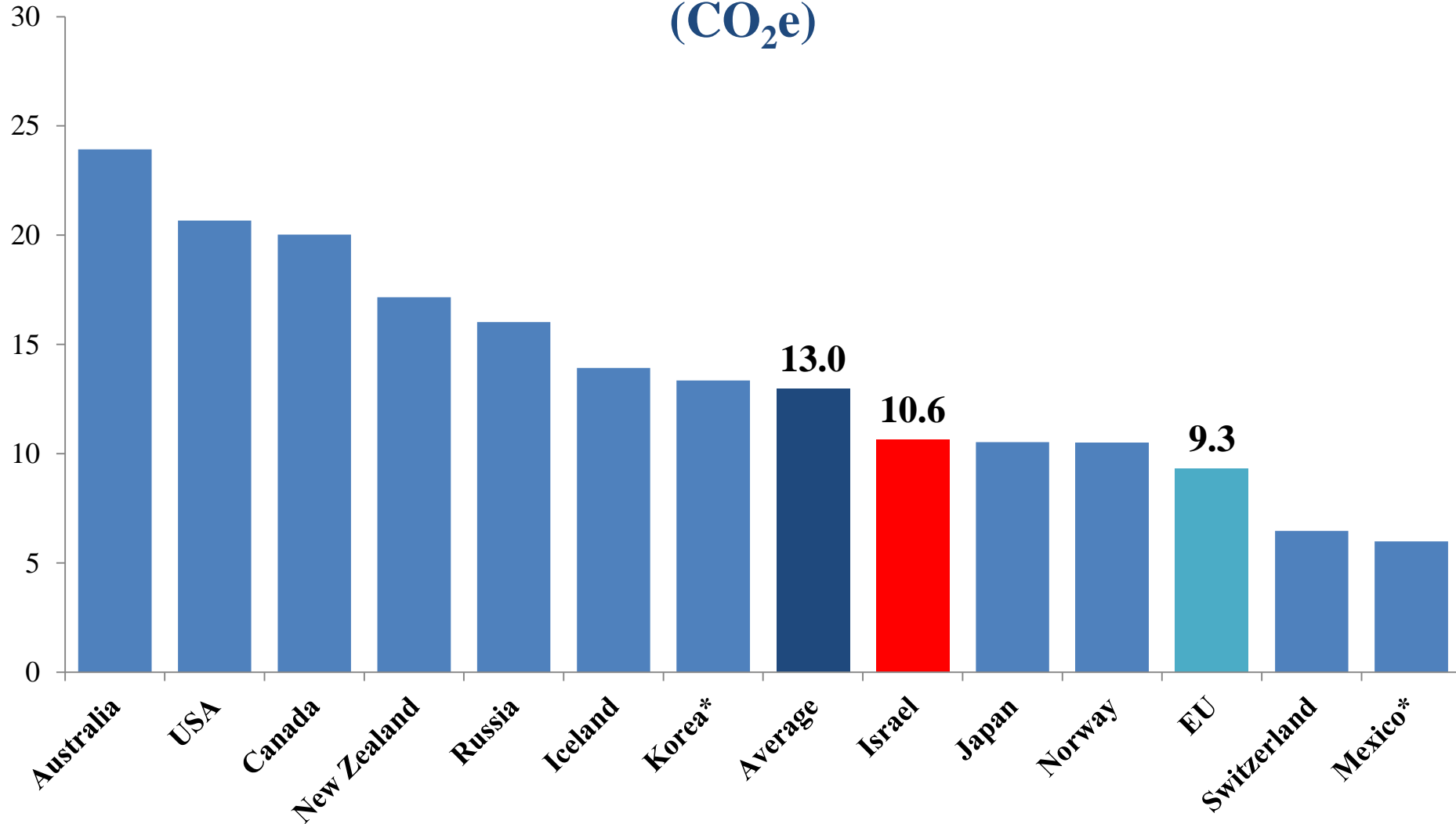
and greenhouse gas per capita, 1990 and 2030



*Average includes OECD, Russia and EU non-OECD countries, does not include Israel

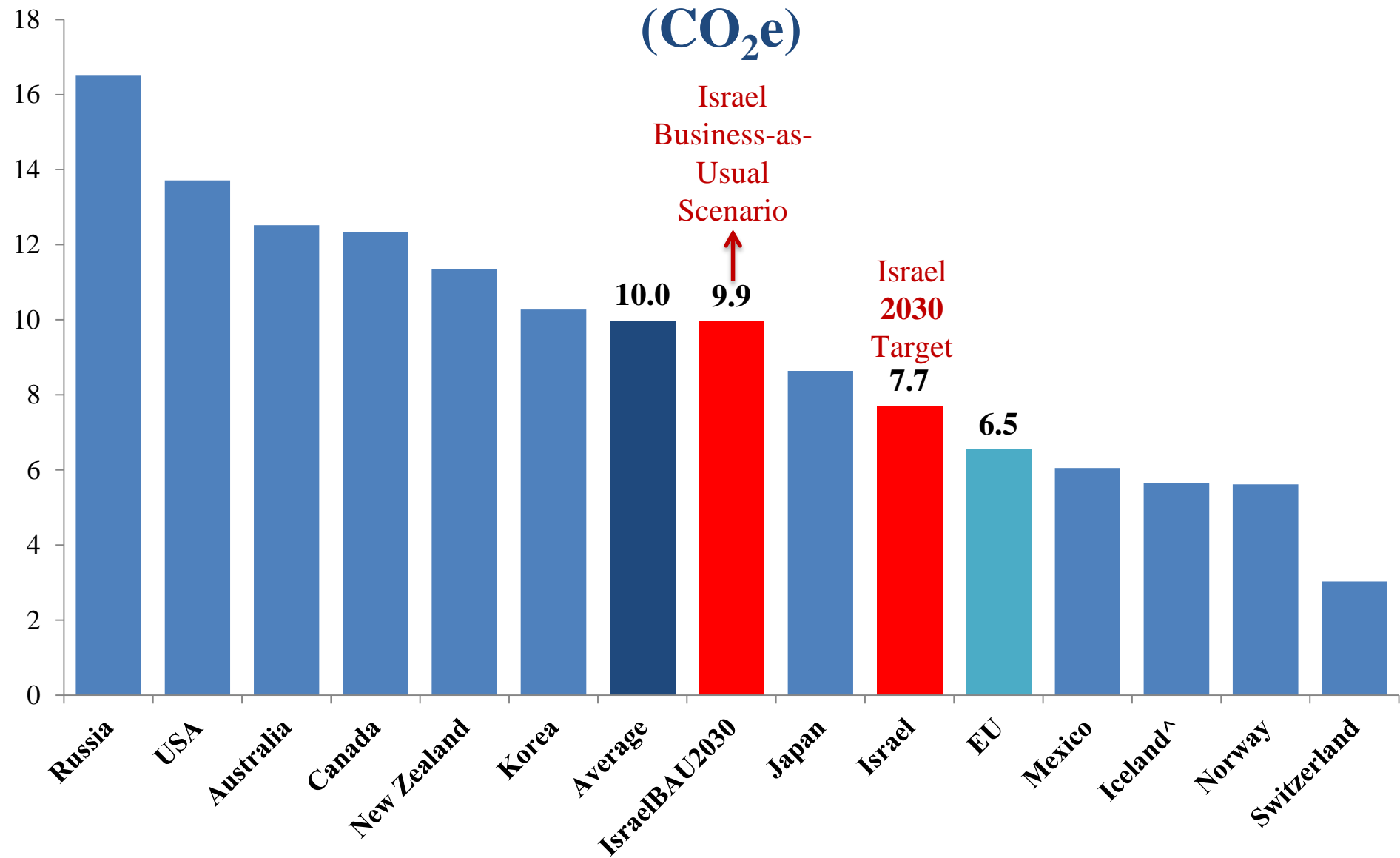
Greenhouse Gas Emissions per Capita, 2012

(CO₂e)



*Average includes OECD, Russia and non-OECD EU countries, does not include Israel

Greenhouse Gas Emissions Targets per Capita, 2030



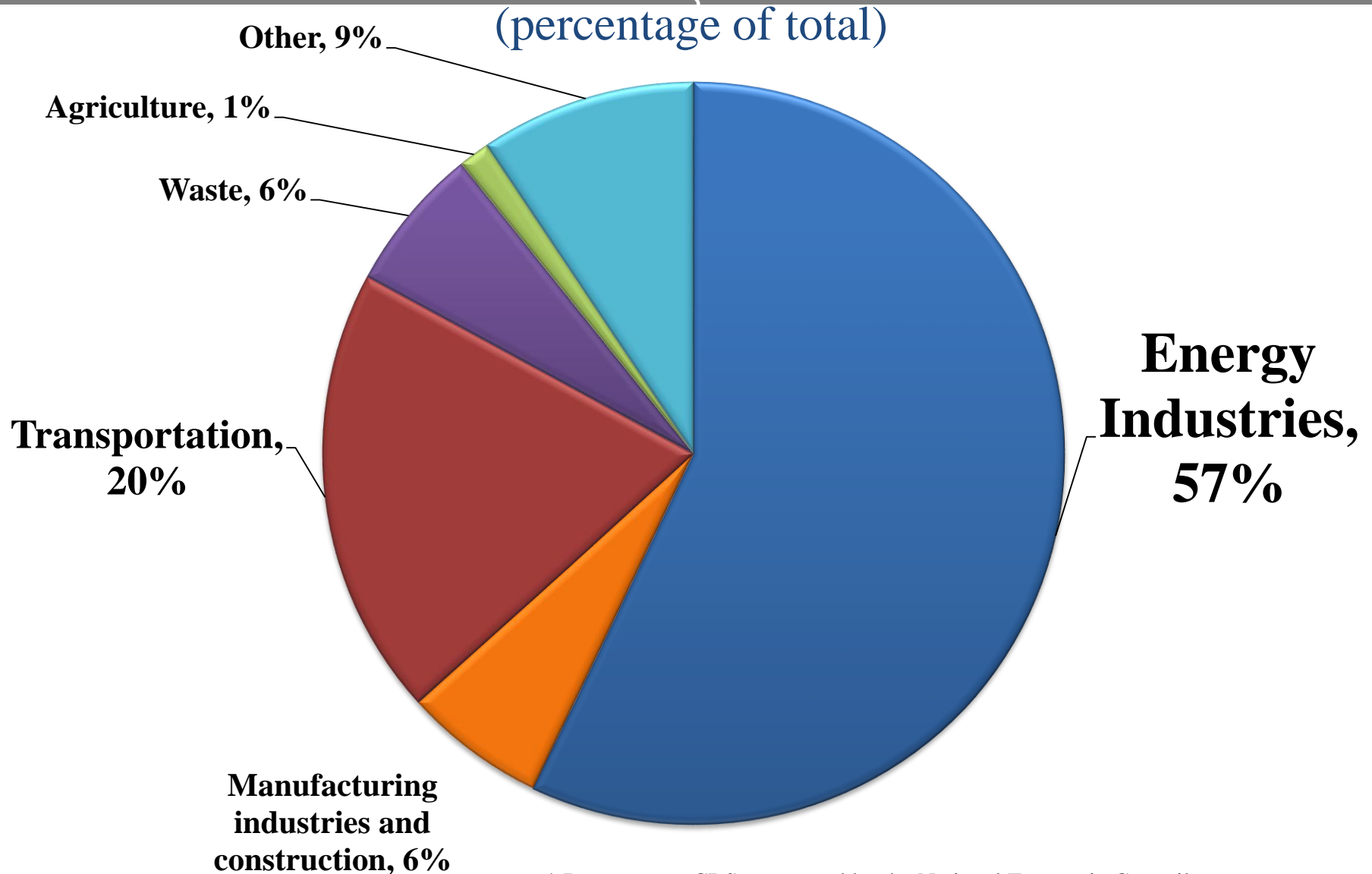
2030 Reduction Targets Comparison

Israel and Selected Countries

	Absolute reduction		Per capita reduction	
	from 2005	from 1990	from 2005	from 1990
Switzerland	-51%	INDC- 50%	-58%	-62%
European Union	-36%	INDC- 40%	-39%	-46%
Canada	INDC- 30%	-13%	-46%	-42%
United States	INDC- 32%	-21%	-44%	-45%
Japan	INDC- 25%	-18%	-18%	-13%
Mexico INDC – 25% reduction from BAU	+35%	+81%	+6%	+15%
Korea INDC – 37% reduction from BAU	-6%	+81%	-13%	+49%
Israel (INDC 7.7 per capita by 2030)	+13%	+103%	-26%	-11%
Average reduction (without Israel, including OECD, Russia and all EU countries)	-24%	-23%	-31%	-36%

Greenhouse Gas Emissions by Source 1990-2030

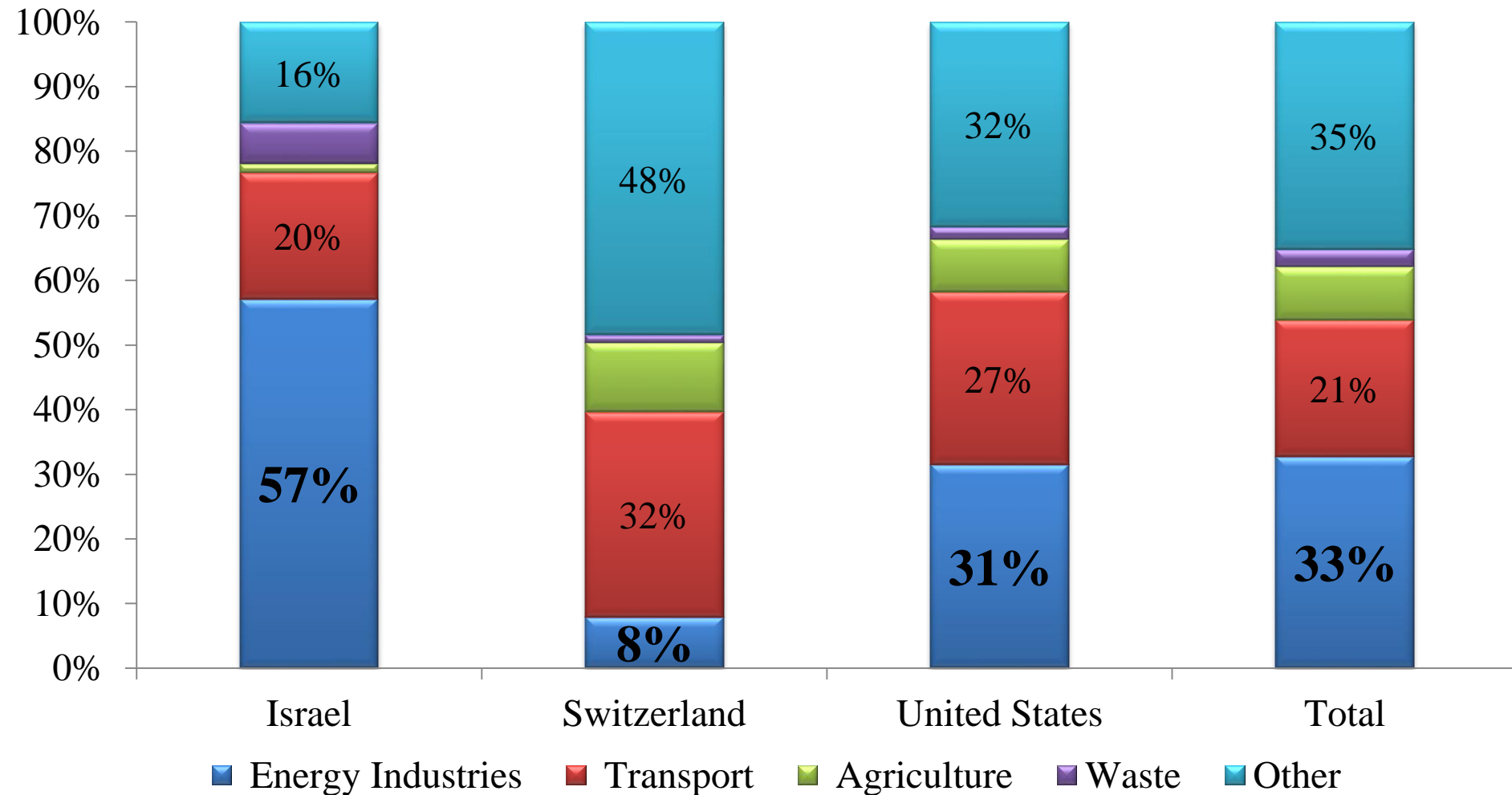
Greenhouse Gas Emissions by Source in Israel, 2012



* Data source: CBS, processed by the National Economic Council

Greenhouse Gas Emissions by Source, 2012

(percentage of total)

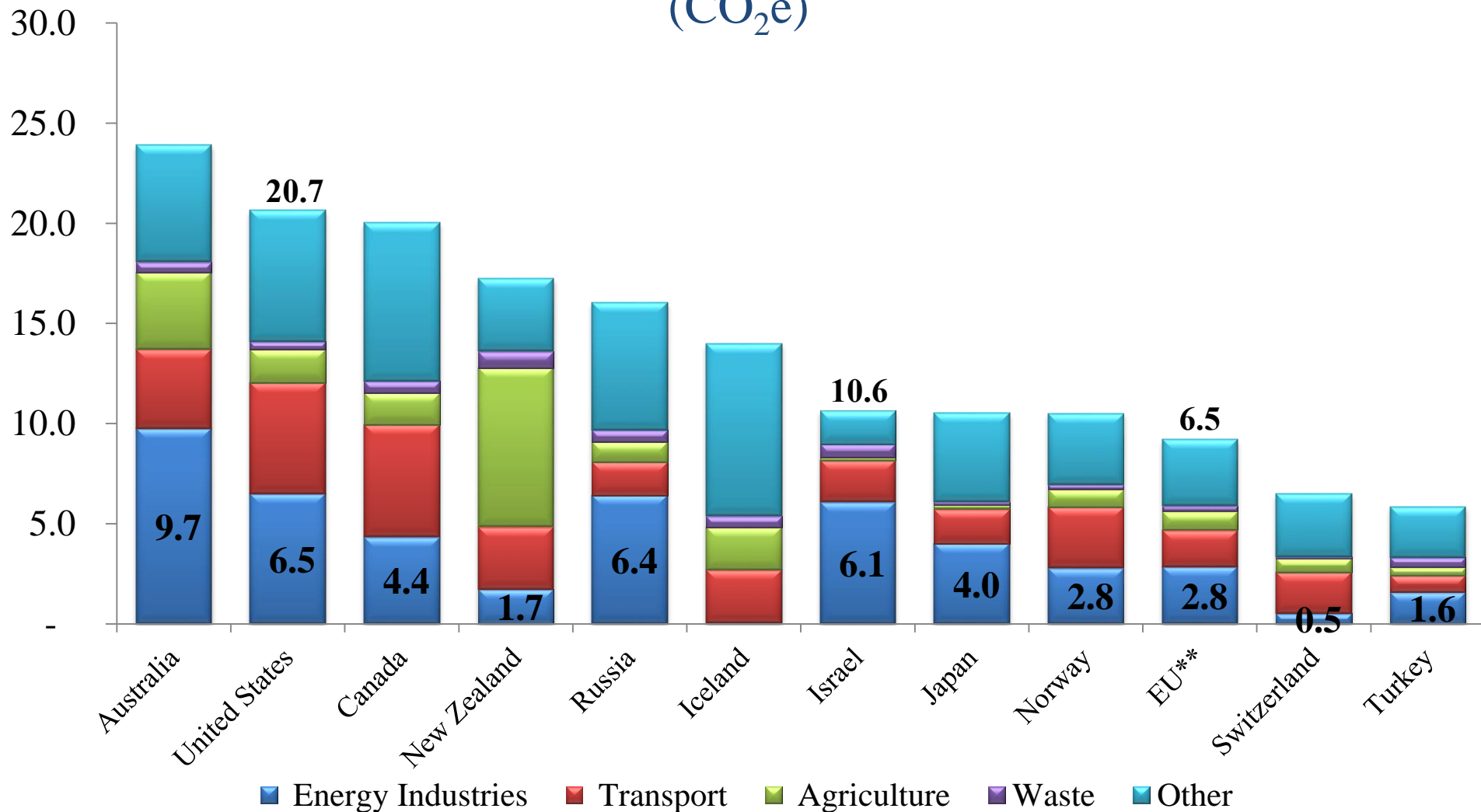


* Average is for the following countries: Australia, Canada, Iceland, Japan, New Zealand, Switzerland, USA, Russia and OECD Europe countries

* Data source: OECDstat, CBS, processed by the National Economic Council

Greenhouse Gas Emissions per Capita, by Source, 2012

(CO₂e)



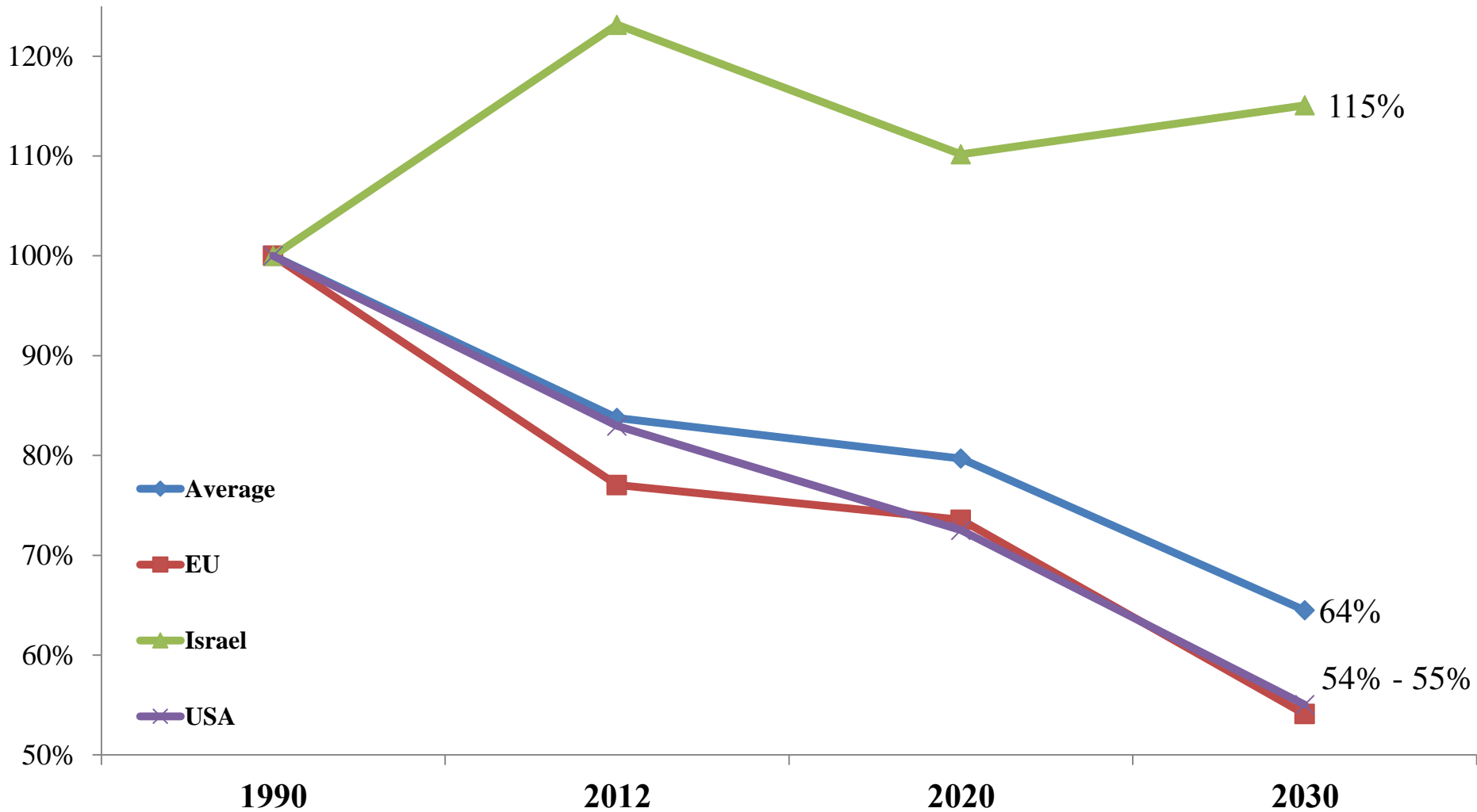
* Data source: OECDstat, CBS, processed by the National Economic Council

** EU not including countries for which the data is n/a: Bulgaria, Cyprus, Croatia, Romania, Latvia, Lithuania, Malta

Trends in Greenhouse Gas Emissions per Capita 1990-2030

Greenhouse Gas Emissions per Capita, 1990-2030

(percentage, from 1990=100)

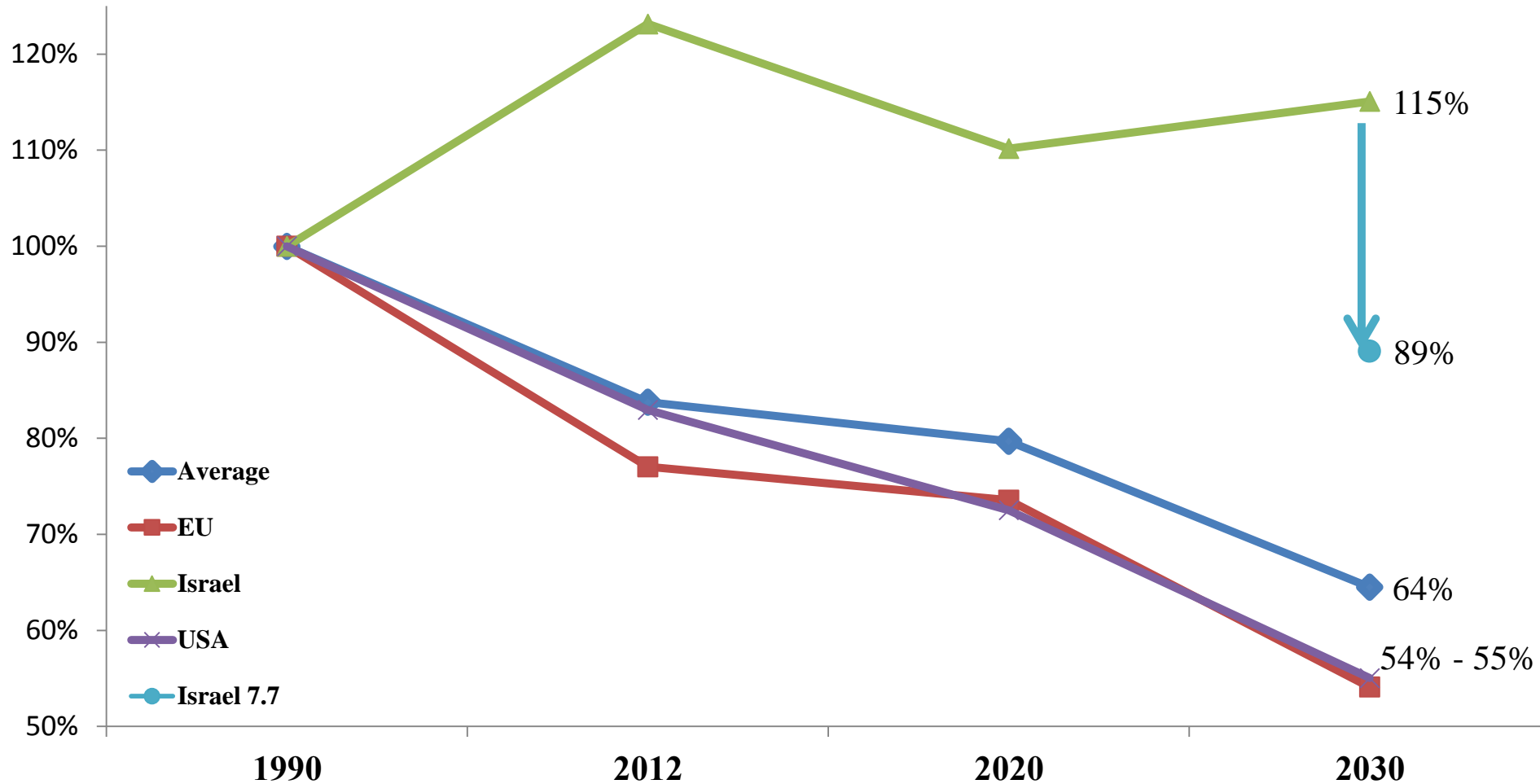


* Israel - BAU, other countries - INDCs

* Average – OECD, Russia and EU non-OECD countries, does not include Israel

Greenhouse Gas Emissions per Capita, 1990-2030

(percentage, from 1990=100)



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