



11.d. APEC's Energy Intensity Reduction Goal:

Progress Update

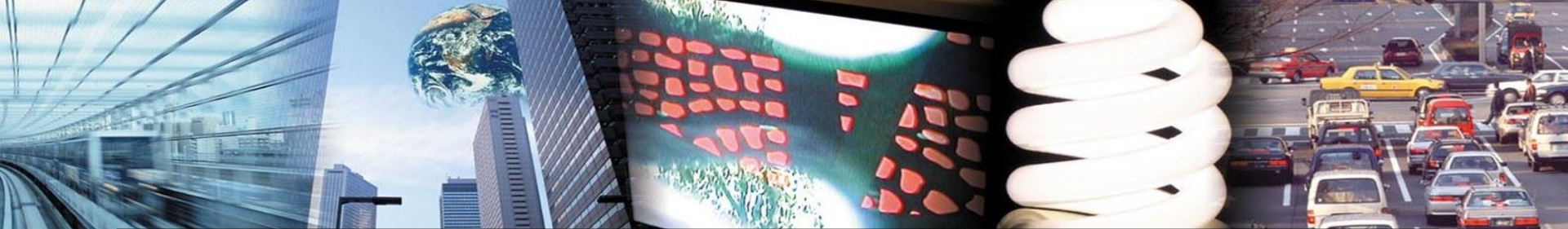
Ralph D. Samuelson

EWG 44, 7-8 November 2012

Asia Pacific Energy Research Centre (APEREC)

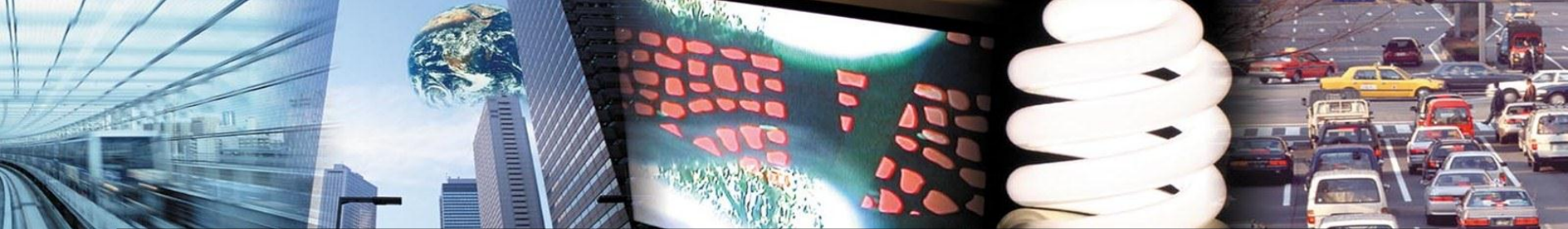


Asia-Pacific
Economic Cooperation



Why This Presentation?

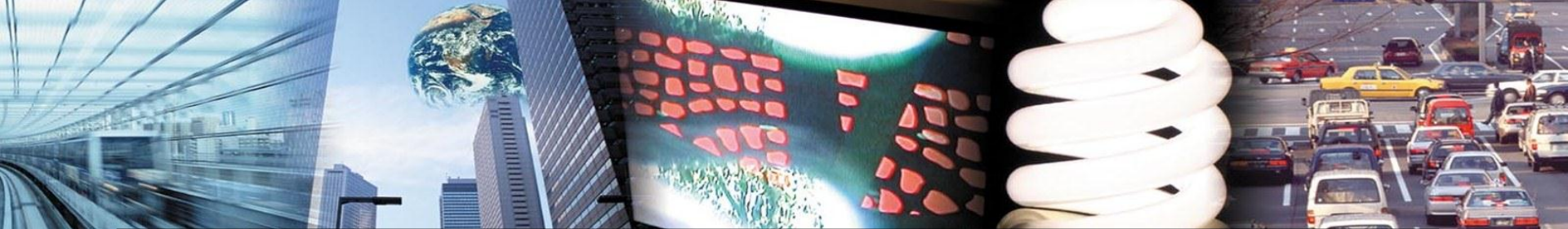
- APEC has adopted a goal of reducing the APEC-wide energy intensity (that is energy demand/GDP) by 45% between 2005 and 2035
- APERC has been monitoring APEC's progress toward this goal; an update based on statistics through the year 2009 was presented at EWG 42 in Kaohsiung (October 2011)
- IEA recently published complete 2010 energy statistics for all APEC economies except Papua New Guinea (PNG); APEC (under coordination of IEEJ/EDMC) has published energy statistics for PNG
- Therefore, we are now able to present this update based on statistics through the year 2010



So What Happened to Primary Energy Intensity Up to 2010?

	2006	2007	2008	2009	2010	2005-2010 Total	Trend to 2035
Change in Primary Energy	2.6%	2.6%	0.4%	-0.3%	5.3%	11.0%	
Change in GDP (US \$PPP)	5.1%	5.3%	2.6%	-0.6%	5.6%	19.1%	
Change in Primary Energy Intensity	-2.3%	-2.5%	-2.2%	0.4%	-0.3%	-6.8%	-34.5%

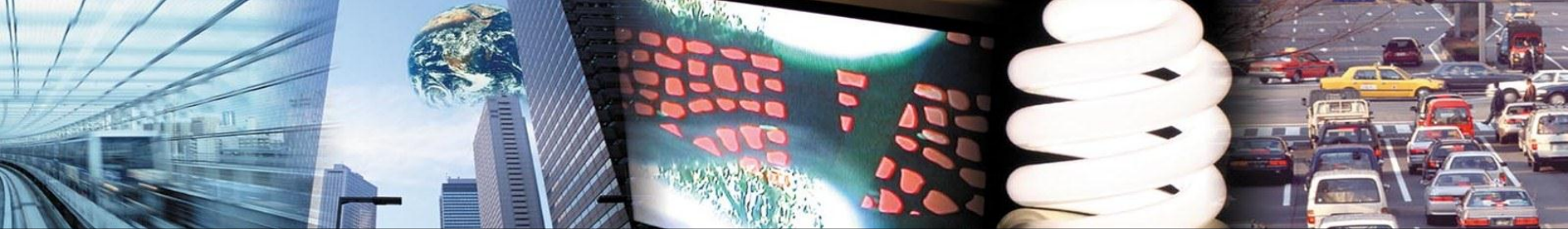
Note: -45% in 30 years would require an average of -2.0% per year or -9.5% every 5 years



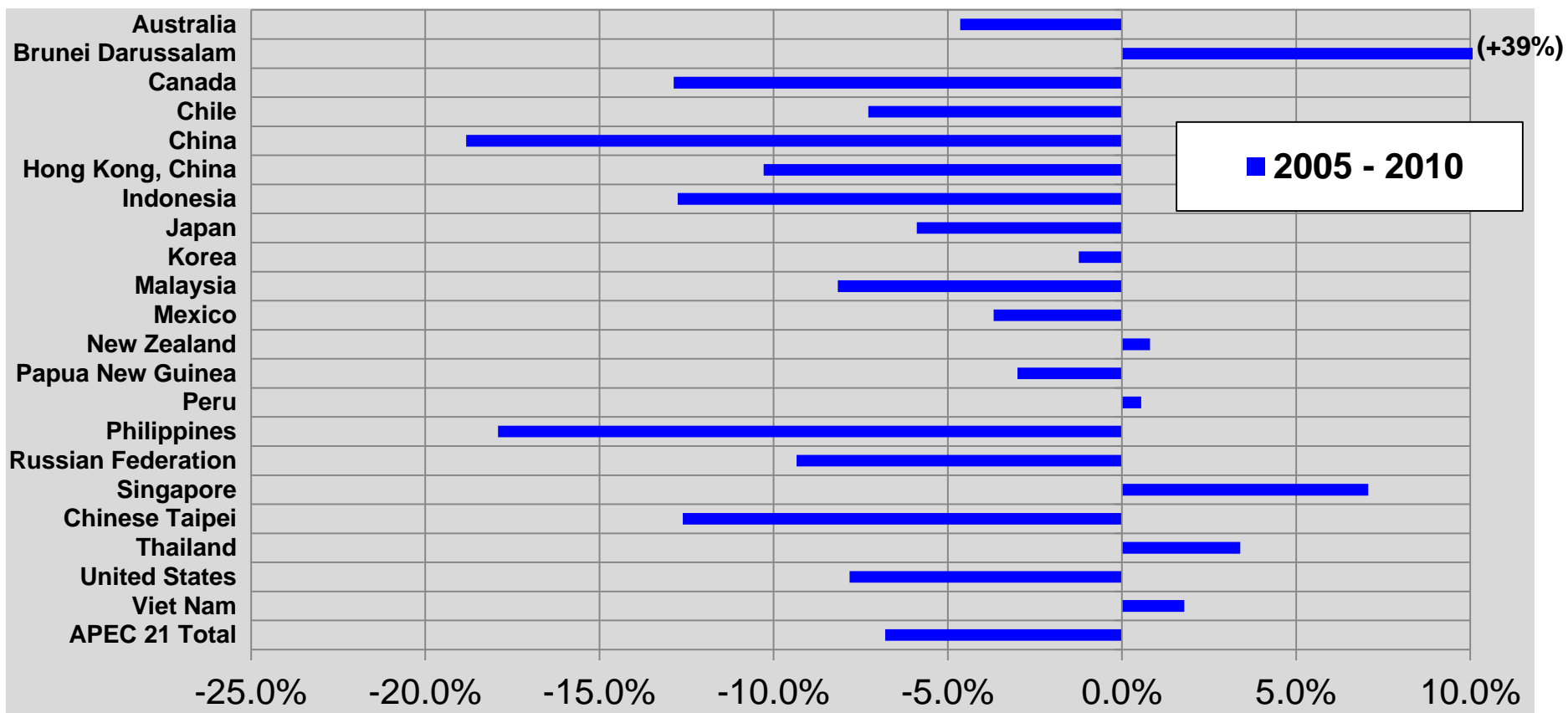
So What Happened to Final Energy Intensity Up to 2010?

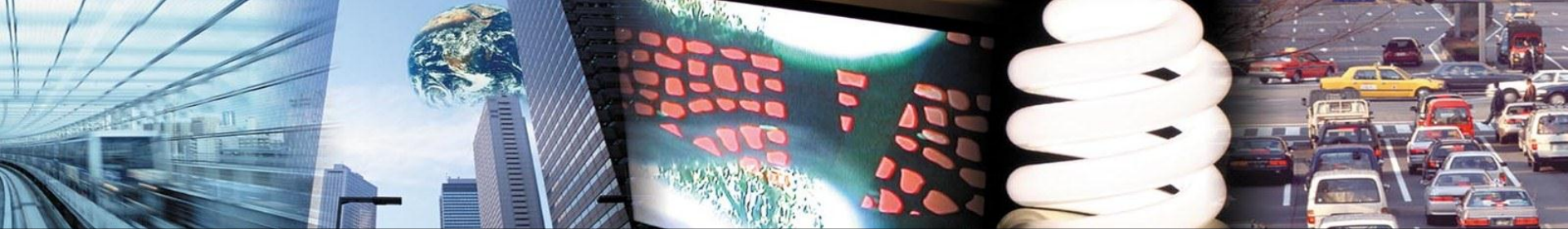
	2006	2007	2008	2009	2010	2005-2010 Total	Trend to 2035
Change in Final Energy	2.4%	2.9%	-0.3%	-0.8%	4.6%	8.8%	
Change in GDP (US \$PPP)	5.1%	5.3%	2.6%	-0.6%	5.6%	19.1%	
Change in Primary Intensity	-2.6%	-2.3%	-2.9%	-0.2%	-1.0%	-8.7%	-42.0%

Note: -45% in 30 years would require an average of -2.0% per year or -9.5% every 5 years



What Happened to Primary Energy Intensity By Economy Since 2005?





What Happened to Final Energy Intensity By Economy Between since 2005?

