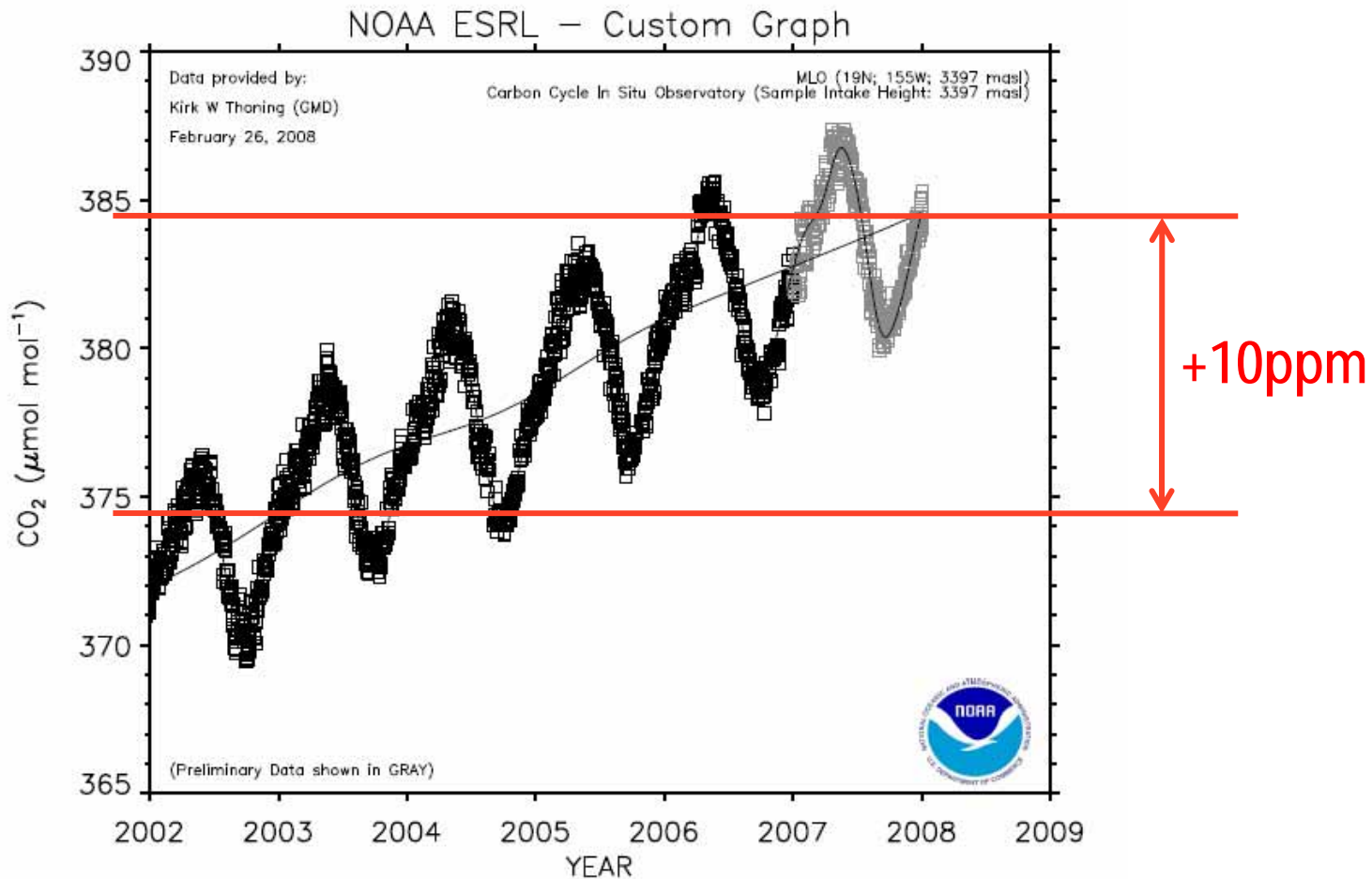


CO₂ Atmospheric Concentration in the last 5 Years



World Energy Consumption 2001-2006

Unit: GW	World 2001	World 2006	% Change
Oil	4758	5180	8.9
Coal	3176	4115	29.6
Gas	2949	3429	16.3
Nuclear	800	846	5.8
Hydro	794	916	15.4
Wind	25	74	198.4
Geothermal	8	9.3	16.3
Solar	0.73	3.7	406.8
Total	12511	14575	16.5

OECD Energy Consumption 2001-2006

Unit: GW	OECD 2001	OECD 2006	% Change
Oil	2927	3009	2.8
Coal	1484	1560	5.1
Gas	1605	1714	6.8
Nuclear	691	715	3.5
Hydro	389	398	2.4
Total	7095	7396	4.2

China+India Energy Consumption 2001-2006

Unit: GW	China+India 2001	China+India 2006	% Change
Oil	446	626	40.4
Coal	1137	1903	67.4
Gas	65	114	76.5
Nuclear	11	22	96.4
Hydro	105	159	51.3
Total	1764	2825	60.2



Fourteen Grand Challenges for the 21st Century

Make solar energy economical

Provide energy from fusion

Develop carbon sequestration methods

Manage the nitrogen cycle

Provide access to clean water

Restore and improve urban infrastructure

Advance health informatics

Engineer better medicines

Reverse-engineer the brain

Prevent nuclear terror

Secure cyberspace

Enhance virtual reality

Advance personalized learning

Engineer the tools of scientific discovery