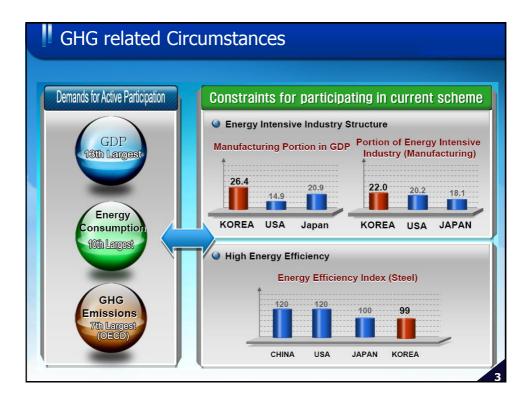
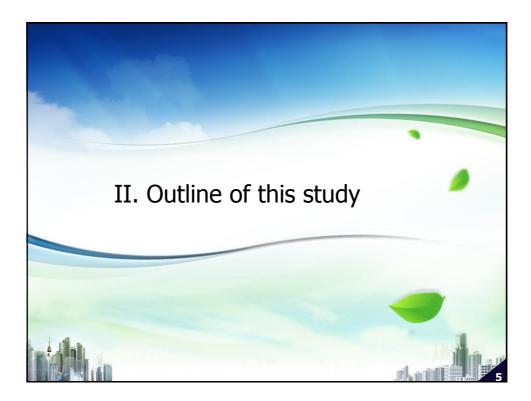


	Contents	ade Contraction of the contracti
	Background	
Ō	Outline of this study	
	Result and data analysis	
	Future Plan	
		A MARK MINANA







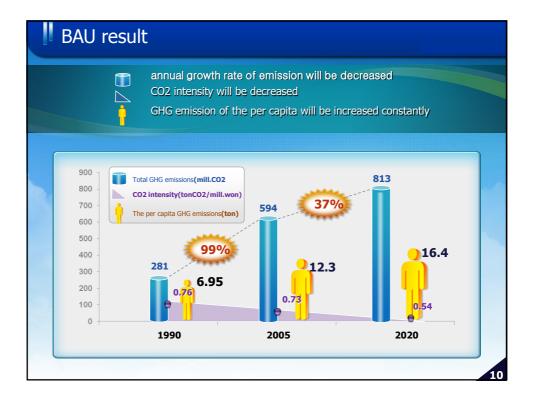


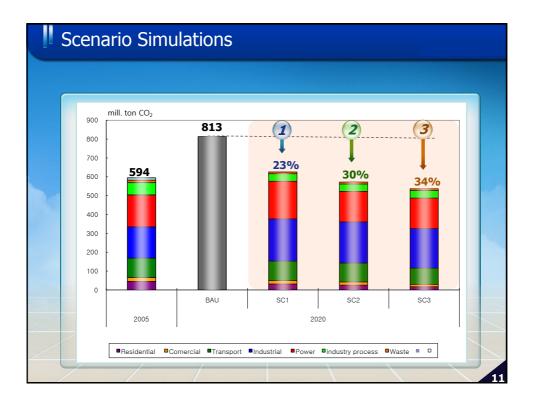
	Methodolog	yy & data			
	Objectives				
	• Forecasting the G	IG emission and assessment of potential GHG reduction in Korea			
	Target sector				
	Sector	Area			
	Residential Cooling, Heating, Lighting , Cooking, Electric appliance, etc				
	Commercial & Public	ublic Cooling, Heating, Lighting, Cooking, Power, Office equipment , etc			
	Transportation	tation Land(car, bus, taxi, jeep, truck, motorcycle), Water, Air, Rail			
	Industrial	Iron&Steel, Petro chemical, Cement, etc			
	Power generation	Nuclear, Coal, LNG, Petroleum, Hydro, Renewable, Heat , etc			
	Year : standard y	ear (2005), target year(2020, 2030, 2050)			
¢	Methods				
	Residential, Comm Industrial : statist	ercial & Public, Transportation : AIM(Asia-pacific Integrated Model) ical analysis	6		

	ed technology and change of lif	e style		
Sector	Area	Total technology	Advanced technology	Life style
	Cooling	4	2	3
	Heating	11	5	3
Residential	Lighting	5	2	1
	Cooking	6	2	1
	Electric appliance	33	10	8
	Cooling	10	5	5
	Heating	17	6	4
Commercial &	Lighting	5	2	1
Public	Cooking	6	1	0
	facilities	8	3	0
	Office equipment	16	8	0
	Land (car, bus, taxi, jeep, truck, motorcycle)	52	36	23
ransportation	Water	2	1	0
	Air	5	1	0
	Rail	2	1	0
	Iron & Steel	10	3	0
Industrial	Petro chemical	1	1	0
	Cement	20	2	0
Power		2	2	0
generation Total		215	93	49

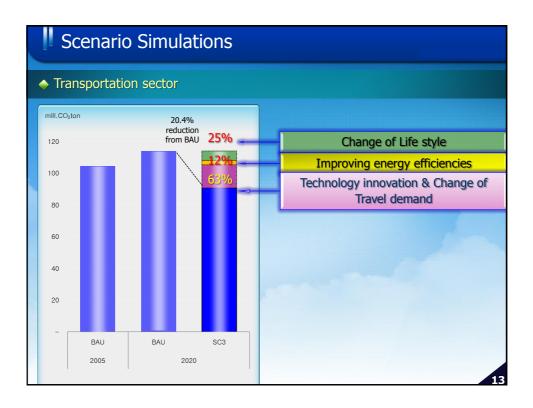
	2008	2010	2020	2030
Oil price (\$/bbl)	98	84	70	82
Population(mill.)	48.6	48.9	49.3	48.6
GDP growth rate (%)	4.2	4.75	3.66	2.24

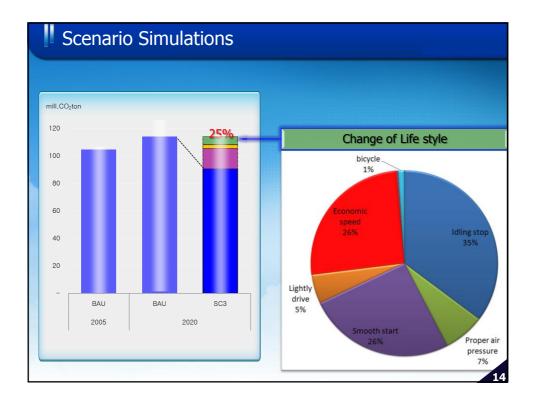


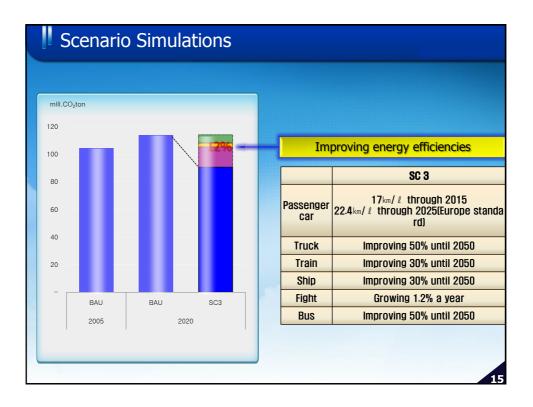


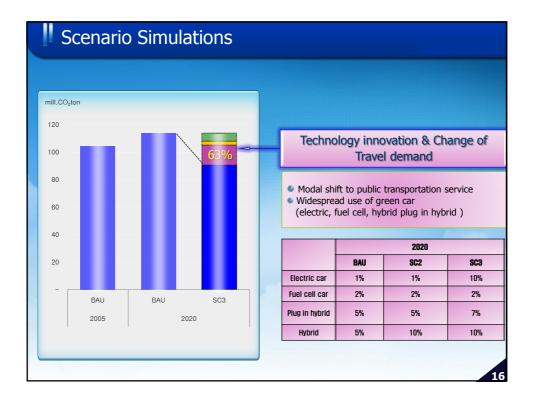


-	Scenario Setting		단위 : 백민론	
enario	Potential GHG Reduction from BAU	Selection standard of countermeasures	reduction countermeasure (2 and 3 scenario include countermeasures of former scenario)	
1	△23% 187 mill.ton reduction from BAU	Introducing cost effective technology and policy Reduction cost in the international standard	enlarge green home and building supply high efficiency facilities Reshape transportation system with low carbon scheme Innovate high efficient green process in industry Enlarge the portion of new and renewable energy and nuclear ene	
2	△30% 2.41 mill.ton reduction from BAU	Maximum reduction in technology and policy	 Expand supply of green car(electric car, fuel cell vehicle etc.) partly introduction of CCS(Carbon capture and storage) Introduce change of life style 	
3	△34% 2.76 mill.ton reduction from BAU	Maximum reduction in technology and policy and change of life style	Maximum expand supply of green car Maximum enlarge the distribution of high efficiency appliances Reinforce introduction of CCS Maximum change of life style	









Future plan

Establish implementation target action plans

- Establish reduction target by sector and implementation target action plans (2010)
- Perform follow-up actions to establish detailed reduction amount by sector
- Establish/ manage short and midterm reduction target.

Build up the foundation for developing model.

- Build up the foundation for developing model of assessing potential GHG reduction
- Support to establish detailed reduction amount by sector
- Propose the detailed countermeasures and action plan

Low-carbon Society Scenario for the Regional Level

- Suggest the methodology for development of LCSs vision
- Provide the guideline for archiving the low carbon society scenario

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