



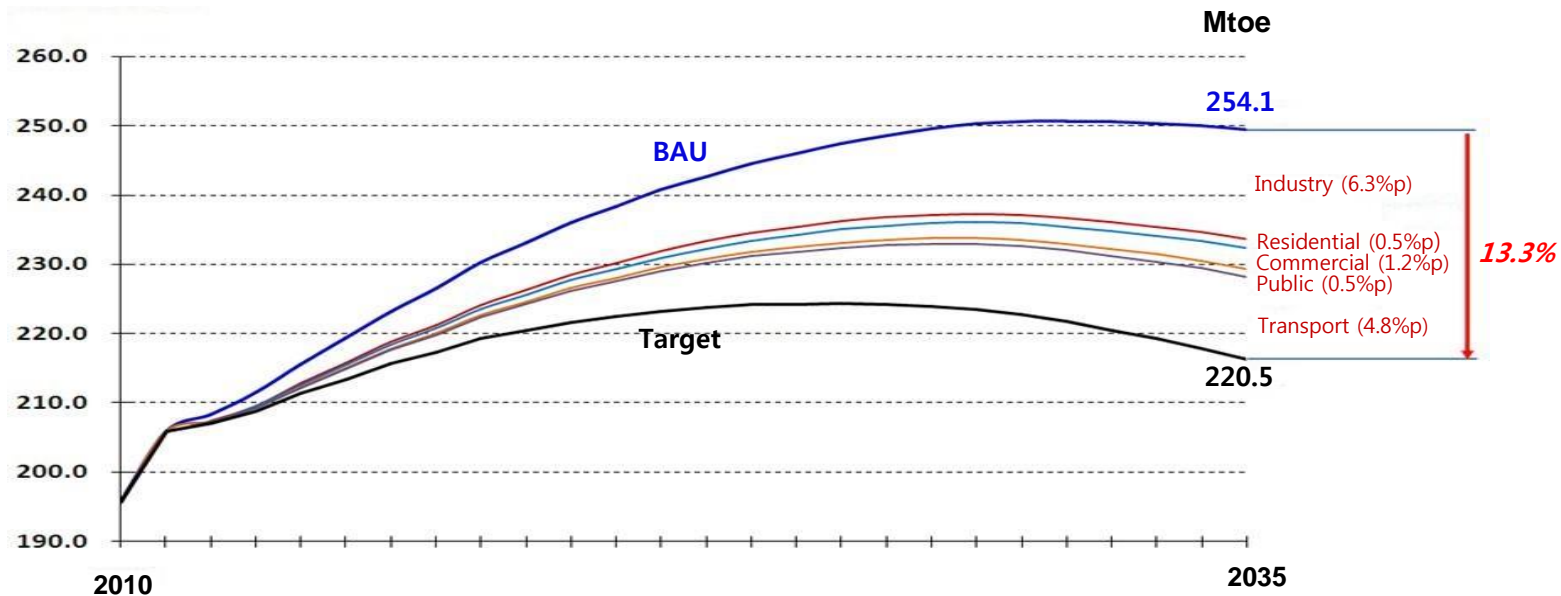
Economy Update - Korea

APEC EGEE&C49, Jeju, 29 March 2017

Inchul HWANG

Long-term EE Target

Reduce final energy consumption **13%** by 2035



Improve energy intensity **30%** by 2035 through national energy master plan

Korea has low potential of energy saving due to energy-intensive industrial structure

Need stronger measures for transition into low-energy economy

ESP(Energy Saving through Partnership)

- ◆ Network(ESP Council) among energy-intensive companies(consumers of more than 20,000 toe/yr) in the same industry to share energy saving technologies & know-how and spread best practices, resulting in greater energy savings in the industry
- ◆ Started in 1999 with Chemical Textile industry, expanded to 9 Industry Councils(199 companies)
- ◆ Stopped in 2011 due to start of GETM(GHG-Energy Target Management)
- ◆ Resumed in 2015 with 4 Industry Councils (Petrochemical, Paper, Electrical & Electronics, Food)

ESP(Energy Saving through Partnership)

◆ Performance in 2015

Industry	Shared Cases	Savings (toe)	Investment (k USD)	Saved Cost (k USD)	Payback (yr)
Petrochemical	25	56,223	295	357	0.8
Paper	11	4,051	18	12	1.6
Electrical/ Electronics	4	764	162	291	0.6
Food	6	2,751	28	31	0.9
Total	46	63,789	503	691	0.98

* 1 USD = 1,200 KRW

- ◆ Each Council holds 2 conferences/yr to share BP
- ◆ ESP Workshop is held annually for awards and exchange of information among different industries and learning about new technologies

EG-TIPS: Energy GHG Technology Information Platform Service (<http://tips.energy.or.kr>). Energy Saving Knowledge Portal launched in Feb 2015 and it includes ESP cases.

한국에너지공단 KOREA ENERGY AGENCY

EG-TIPS 에너지절감지식포털
Energy GHG Technology Information Platform Service

JOIN · LOGIN · SITE MAP

EG-TIPS 소개

검색어를 입력하세요

검색

진단 DB 기업사례 우수기술 Q&A 커뮤니티

절감기술 DB 업종 기술정보 설비 기술정보 M & V 지식나눔

Energy GHG Technology Information Platform Service
에너지·온실가스 기술정보 플랫폼

절감기술 DB

소개 —

에너지진단 DB —

기업 절감사례 DB

홈 절감기술 DB > 기업 절감사례 DB

감측활동 Database 검색

업종 -전체- 사업연도 전체

Thank you