

# 26<sup>th</sup> World Gas Conference

1 – 5 June 2015, Paris, France



Natural Gas, the Perfect Partner for Clean Energy

Jong-Ho LEE

Acting President & CEO, Korea Gas Corporation



# Natural Gas in Power Sector



ARE WE ENTERING  
A GOLDEN AGE OF GAS?

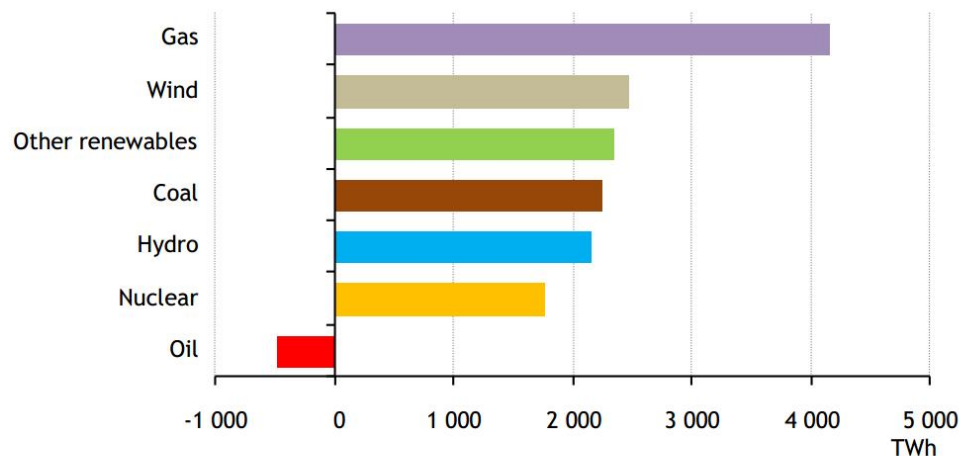
Special  
Report

WORLD  
ENERGY  
OUTLOOK  
2011

## Power sector drives gas demand

WORLD  
ENERGY  
OUTLOOK  
2011  
Special Report

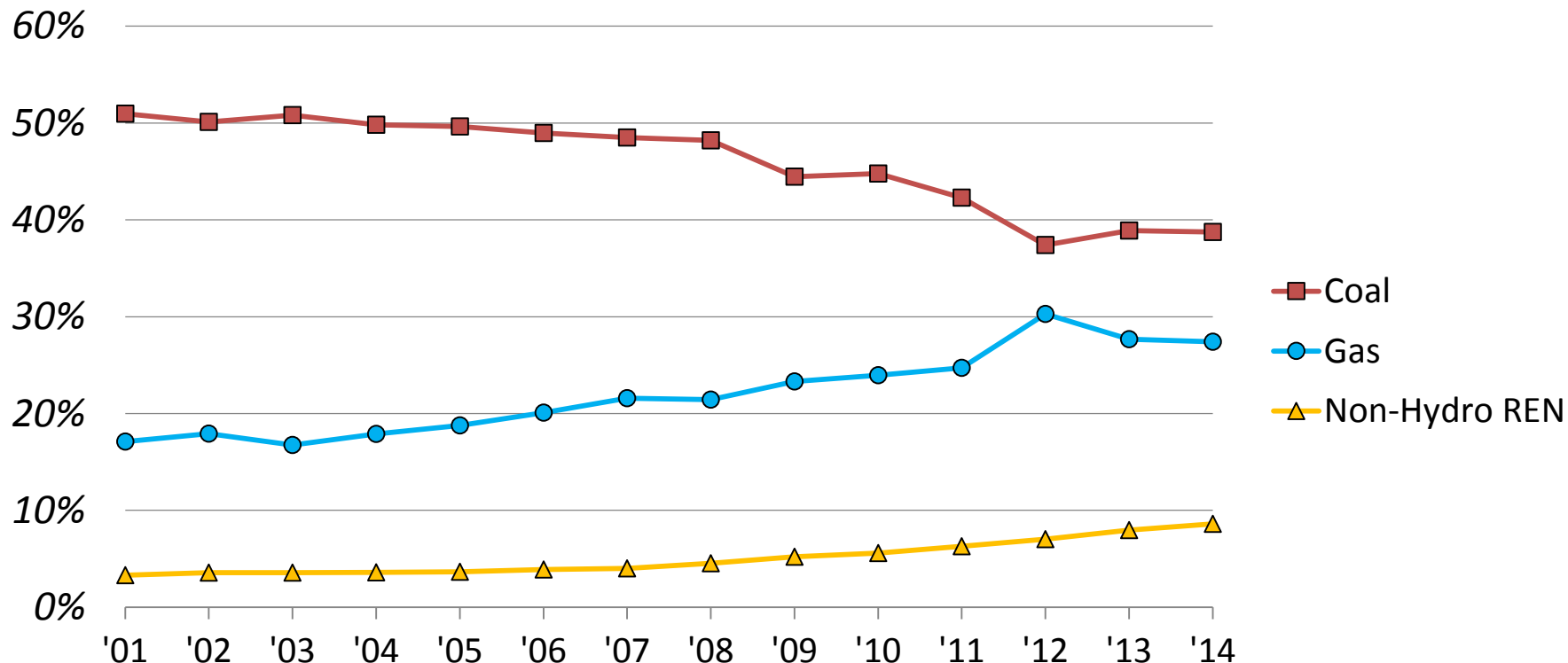
Change in power generation by fuel in the GAS scenario, 2010-2035



*Total electricity demand increases 70% by 2035, underpinned by a near doubling of gas-fired generation*

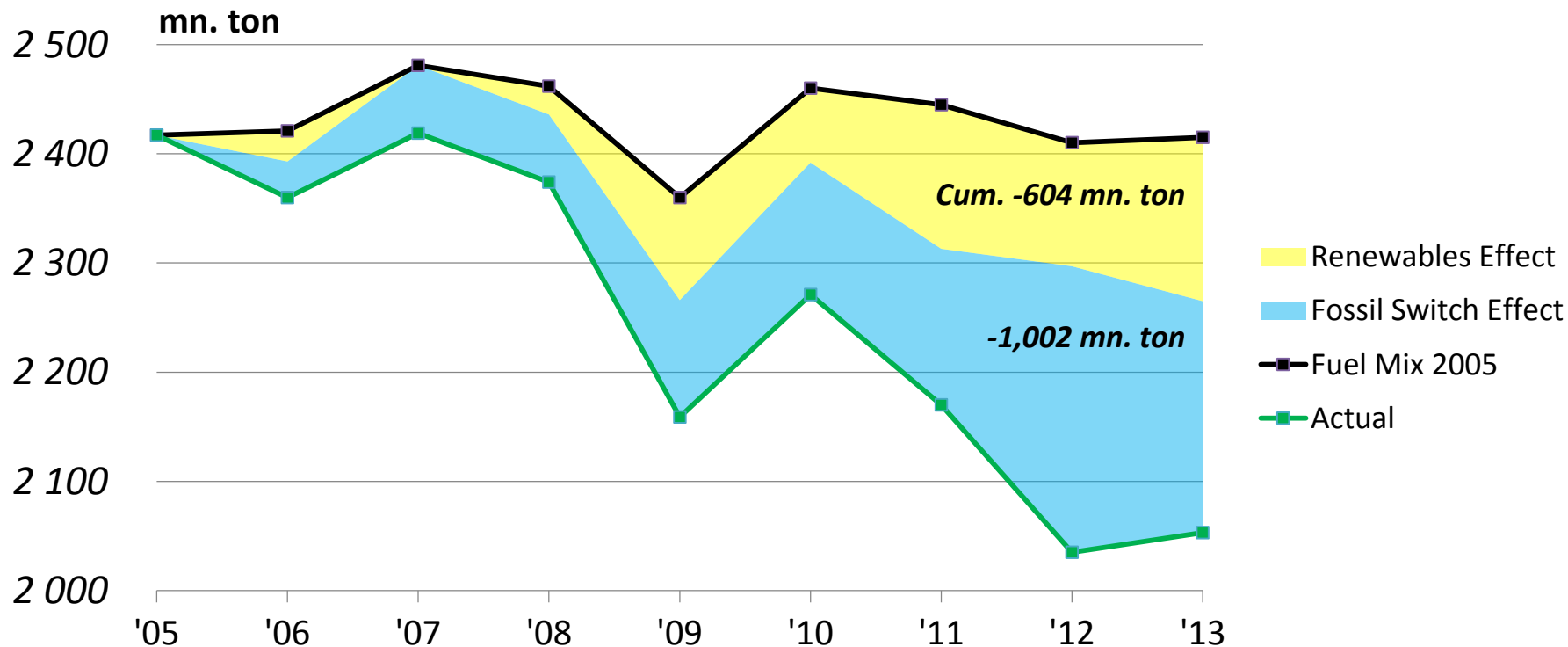
# Renewables WITH Natural Gas

## US Generation Mix



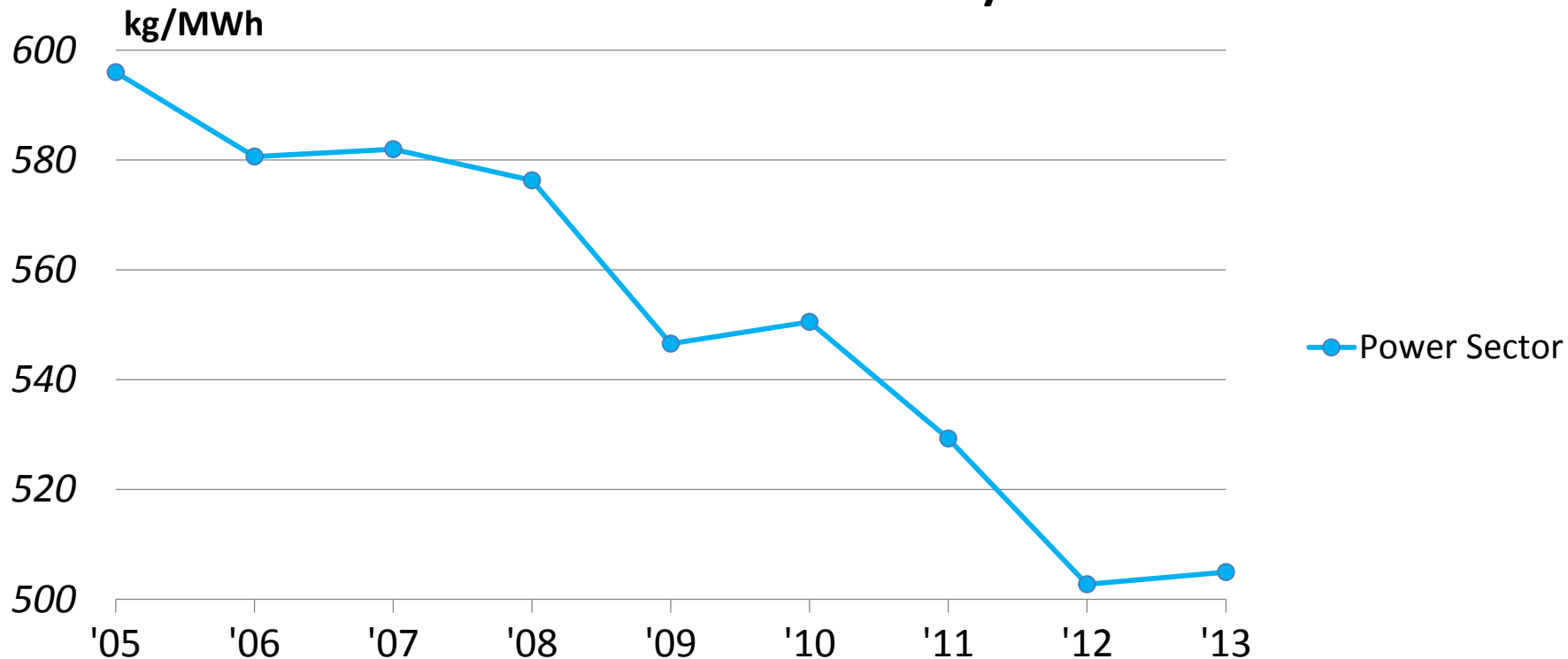
# Excellent Combination!!!

## US Power Sector CO<sub>2</sub> Emissions: 2005 Case v. Actual



# Continuing Success

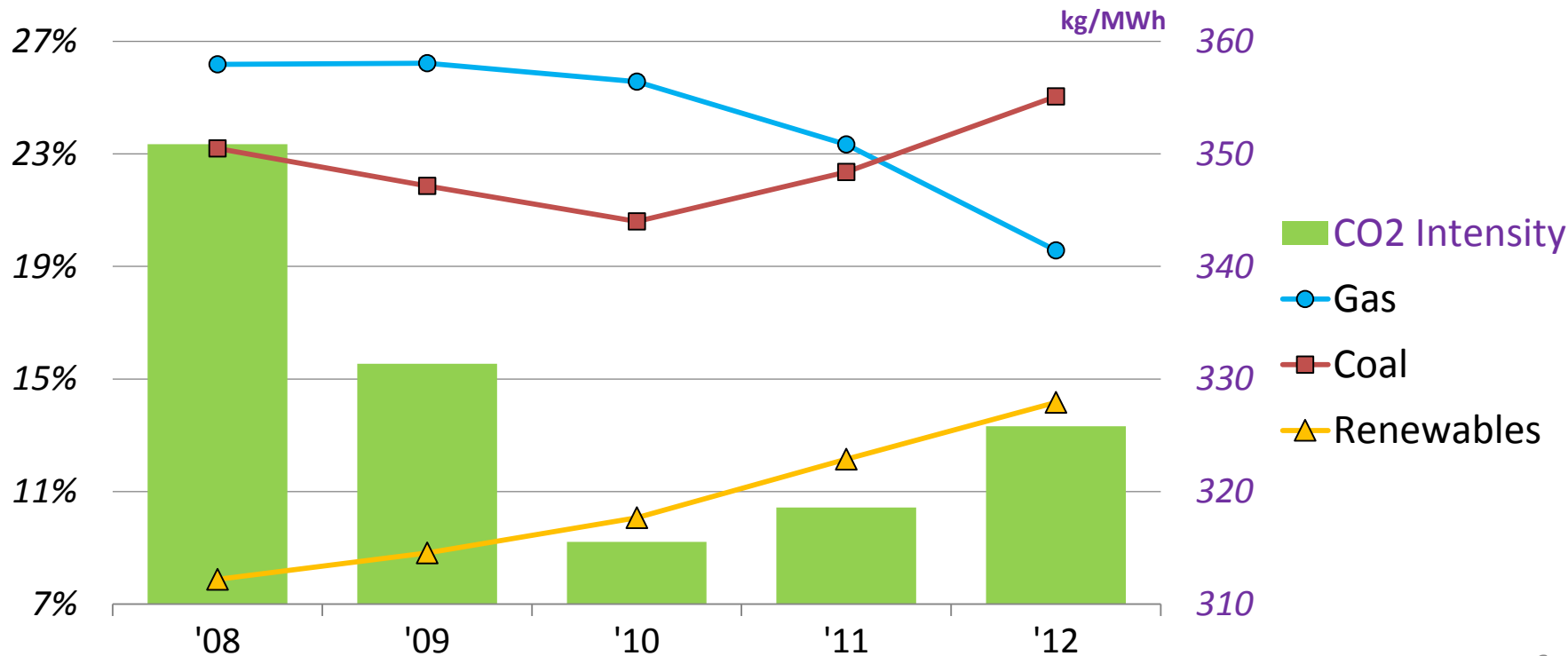
## US Carbon Intensity



Source: EIA

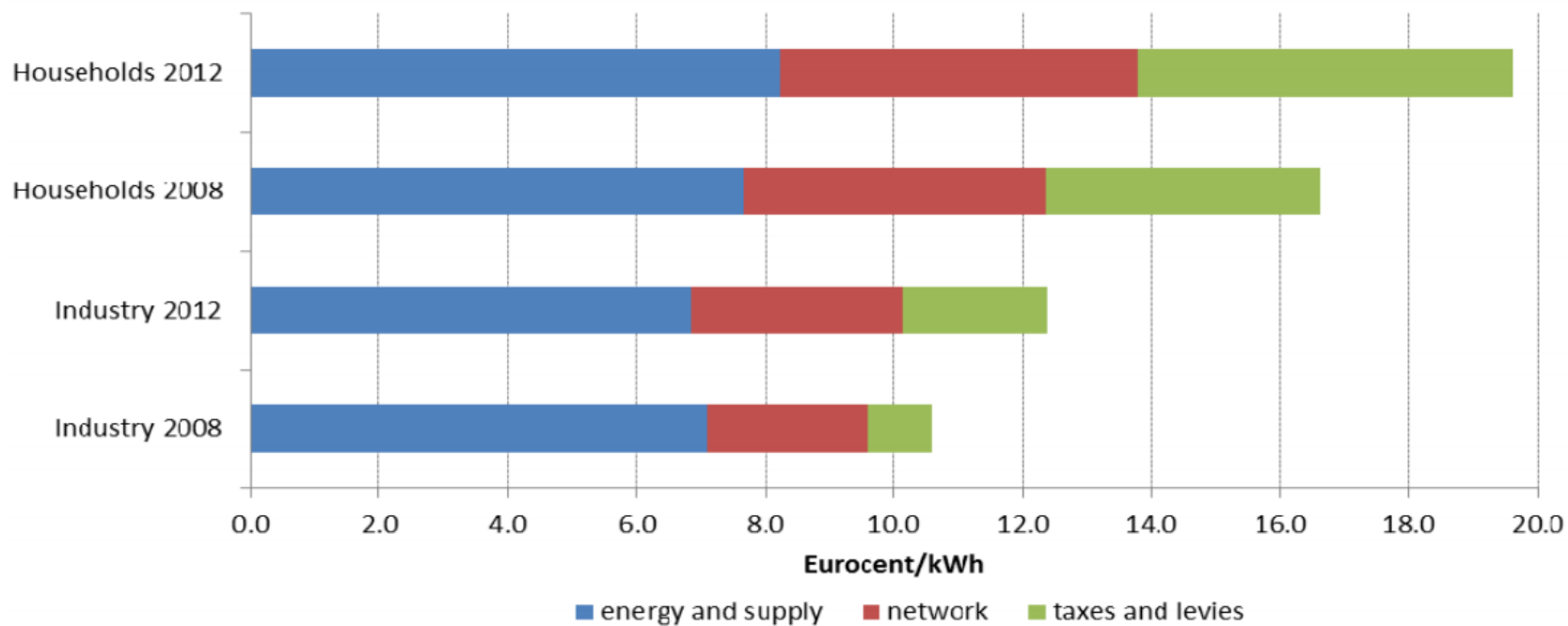
# Renewables WITHOUT Natural Gas

## Generation and CO<sub>2</sub> Intensity in Power Sector of Western Europe 10



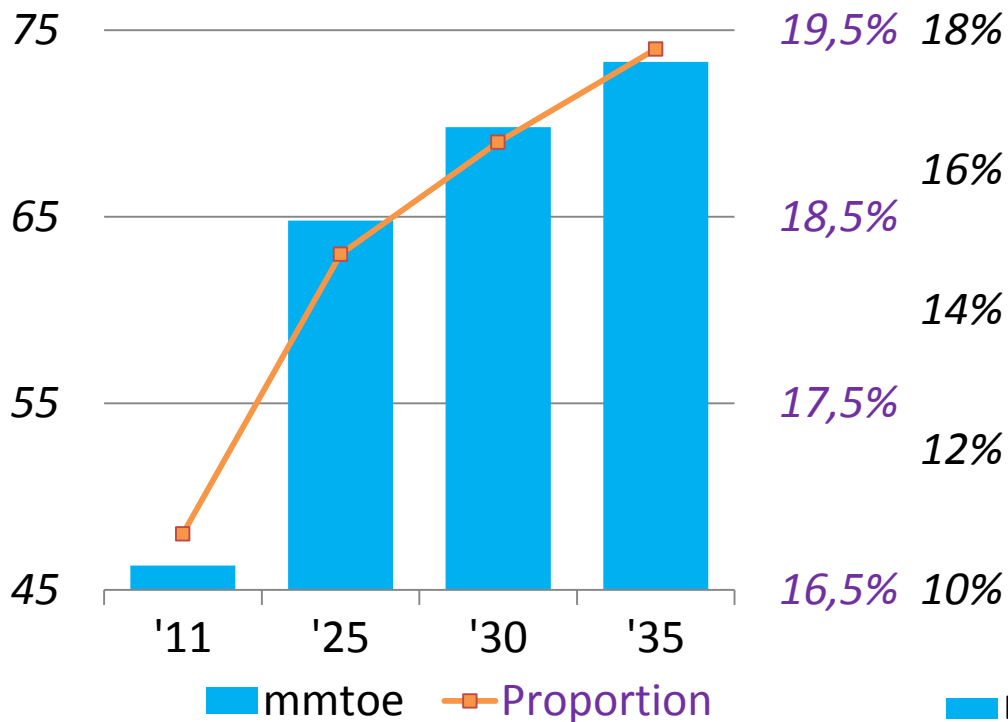
# Price Increase, Economic Burden

*Electricity price evolution by component 2008-2012*

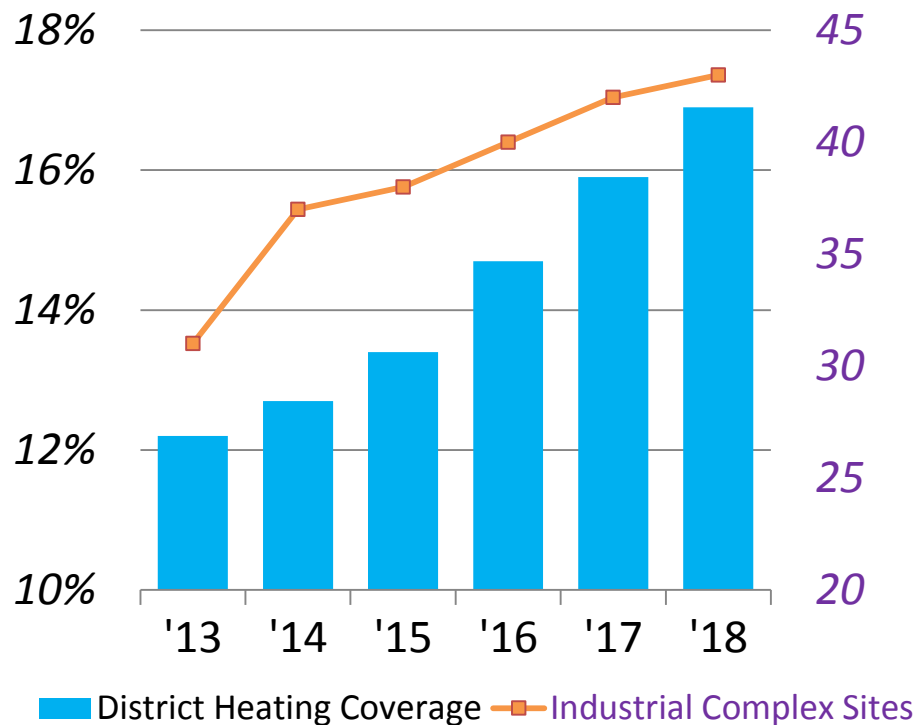


# Korea's Answer

## Gas in Primary Energy Mix of Korea



## CES Supply in Korea





Better Energy, Better World

**GLOBAL KOGAS**

Growing Together with Customers



# Thank You

