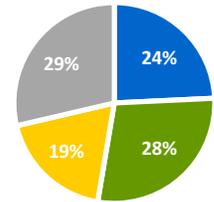
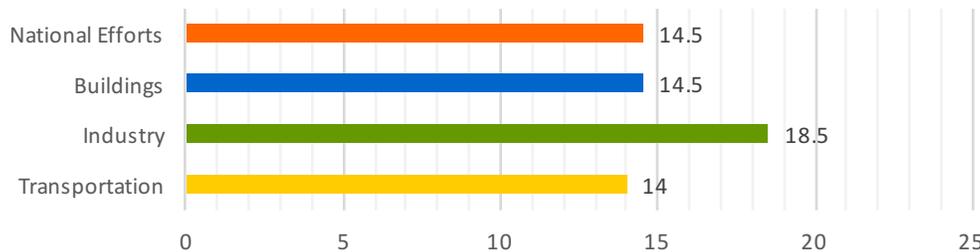


# 8

# South Korea



The bars show ACEEE scores for energy efficiency. The pie chart shows 2013 end-use energy shares of buildings, industry, transportation, and other sectors.

*With a score of 61.5 points, South Korea tied with the United States for the 8th spot, followed by Canada, the Netherlands, and Poland.*

Of the four categories South Korea scored well in the industrial category, ranking fifth. The Korean Energy Management Corporation, which implements energy efficiency programs in South Korea, provides financial support and tax credits for businesses that enter into voluntary agreements or invest in energy-saving technologies. In addition, the country requires energy audits at large manufacturing facilities every five years, and facilities in South Korea generate a fair amount of industrial electricity from CHP. All of these efforts help to lower overall energy use in the sector.

South Korea earned 14 points in the transportation section, ranking 6th. South Korea has some of the most stringent fuel economy standards in place for passenger vehicles, second only to EU requirements. Public transport appears to be a priority for the country, and approximately 42% of all passenger travel occurs on public transit.

## AREAS FOR IMPROVEMENT

In terms of national efforts South Korea's Second National Energy Master Plan established a goal of a 13% reduction below business-as-usual level by 2035, and implemented various regulations including a plan for an emissions-trading system. While some policies have already been established, a more coordinated

strategy with a focus on energy efficiency would improve these policies under the second plan.

Building efficiency in South Korea also shows a need for improvement. While the country has mandatory residential and commercial building codes covering a broad range of technical components, it could still benefit from stronger building retrofit policies and the introduction of some sort of energy labeling system for both commercial and residential construction. Building energy efficiency is also particularly low in South Korea for both of these building groups.