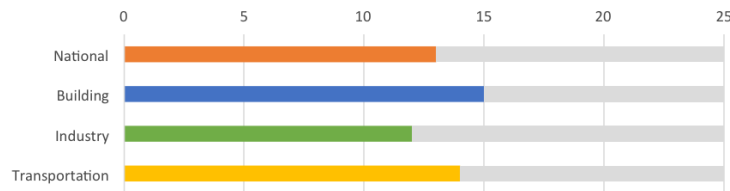


# 8 Spain



*Coming in eighth, Spain ranked lower than all other European countries analyzed.*

Spain tied for 5th in the buildings category, tied with Australia and Canada, Spain has strong mandatory building codes for both residential and commercial buildings that cover a broad range of technical elements. Spain is also one of just a handful of countries with a mandatory program for building labeling and building energy disclosure.

Spain scored in the middle of the pack in the national efforts category, in 9th place. Thermal power plants in Spain have the second-highest efficiency of the countries analyzed. Spain's mandatory energy savings goal under the EU Energy Efficiency Directive (2012/27/EU) has a target of 20% energy savings by 2020. The Institute for the Diversification and Saving of Energy (IDEA), the national agency in charge of promoting energy efficiency in the country, is implementing this national objective with a focus on improving final energy intensity by 2% each year from 2010 to 2020. Through this objective and its supporting policies, Spain has experienced success in its national efforts.

## AREAS FOR IMPROVEMENT

The industrial sector in Spain scored well, tying with several other countries but not scoring as high as it did in other sectors. Some elements of Action Plan 2011-2020 are expected to improve industrial efficiency. For example, the plan includes specific aims to install 3,750 megawatts of new combined heat and

power capacity and includes a sector-specific energy-savings goal.

Spain has room for improvement in transportation. Spain scored high compared to other countries analyzed in this *Scorecard*, but could improve its energy intensity of freight transport and implement policies to spur greater use of public transportation. Spain can look to policies in other European countries such as Italy and Germany that have helped to reduce vehicle miles traveled, increase average fuel economy, and encourage the use of public transportation.

## ADDITIONAL RESOURCES

For more information on Spain's energy efficiency policies and measures: <http://www.iea.org/policiesandmeasures/energyefficiency/?country=Spain>

For more information on Spain's Action Plan 2011–2020: [http://www.idae.es/uploads/documentos/documentos\\_11905\\_PAEE\\_2011\\_2020\\_Executive\\_Summary\\_AP\\_A2011\\_2a1f1f92.pdf](http://www.idae.es/uploads/documentos/documentos_11905_PAEE_2011_2020_Executive_Summary_AP_A2011_2a1f1f92.pdf)