

# 2016 Energy Efficiency Indicator Survey

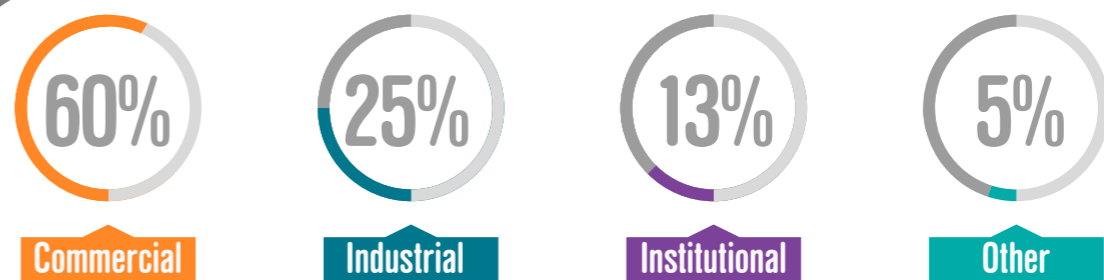
## Global Summary



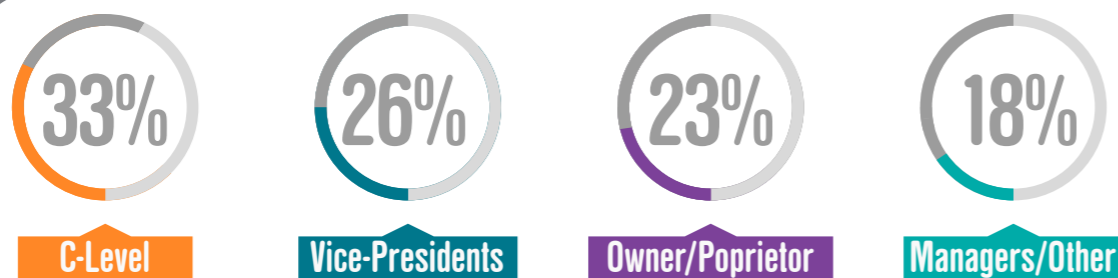
# The 2016 Energy Efficiency Indicator Survey queried 1,243 energy and facility management executives about current and planned investments, key drivers, and organizational barriers for improving energy efficiency



Countries



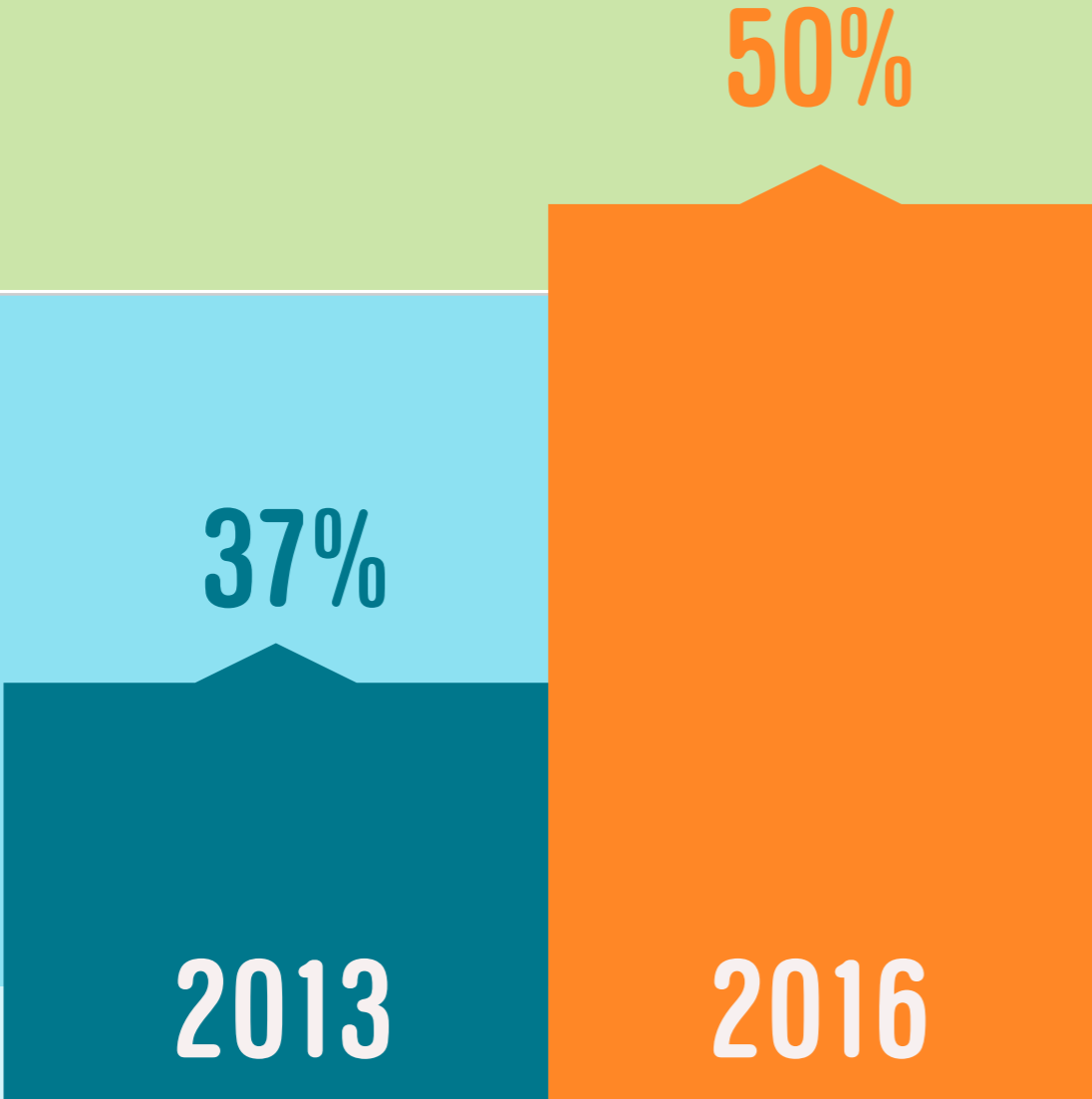
Industries



Job Titles

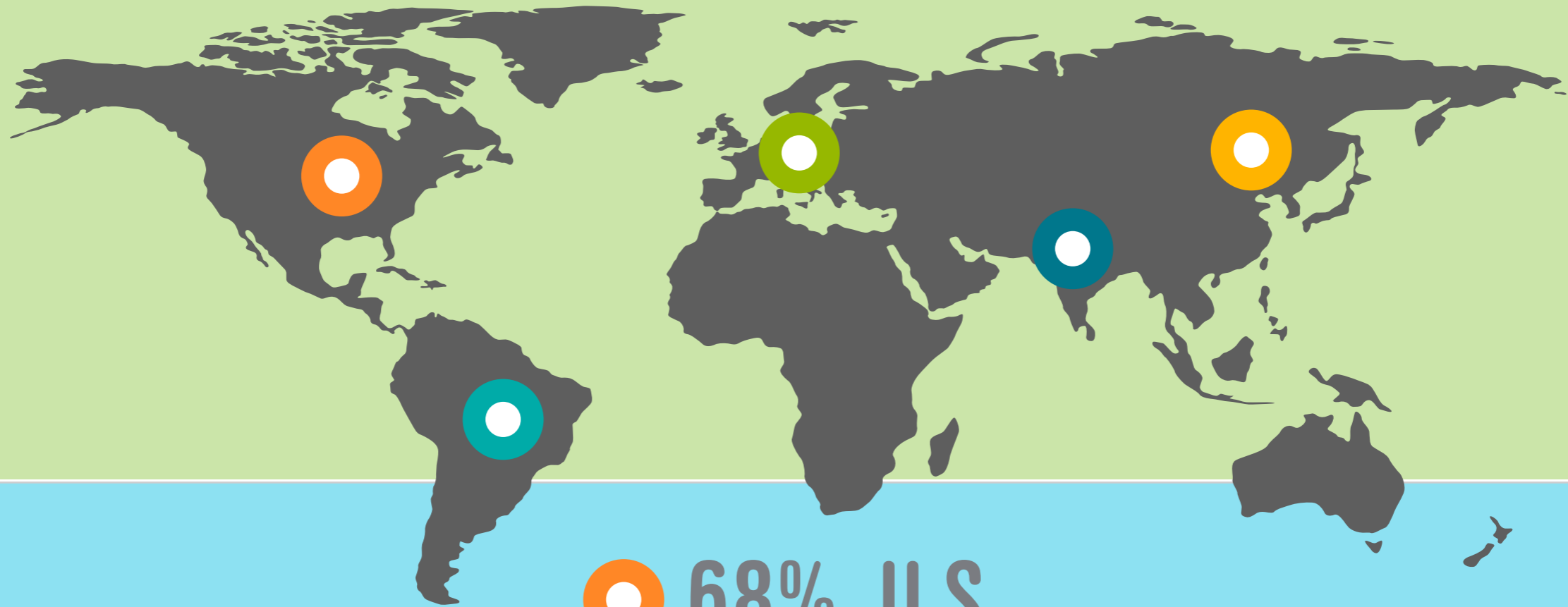
# Interest in energy efficiency is at an all-time high

Organizations paying more attention to energy efficiency



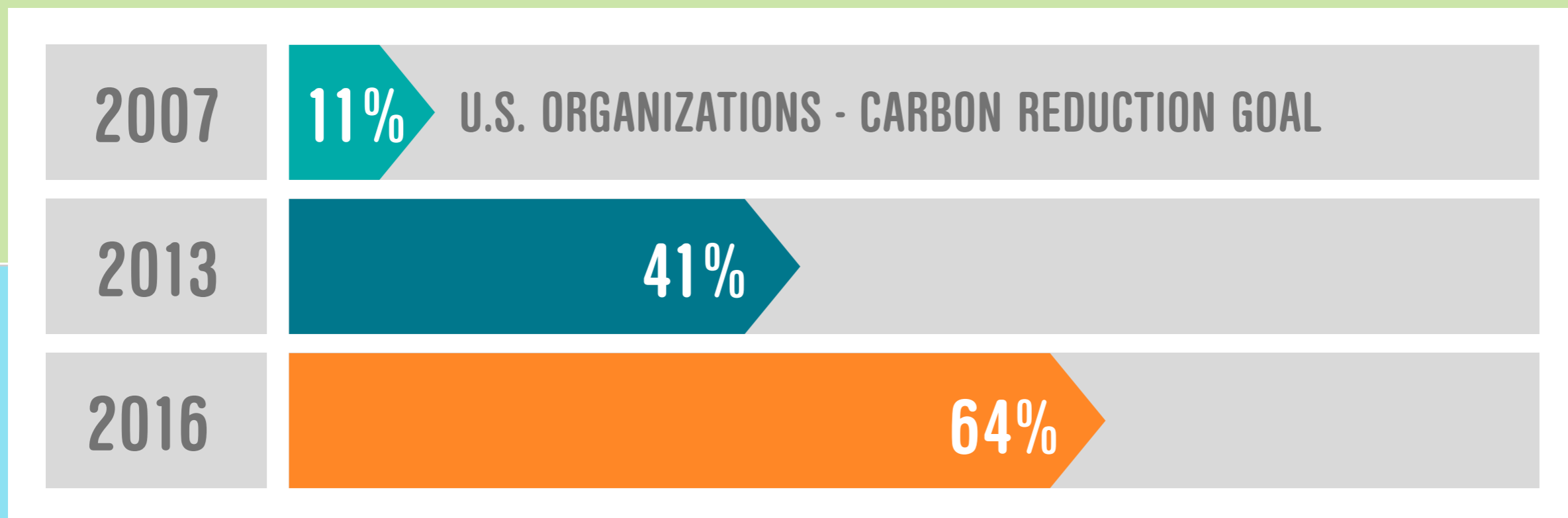
81%

# Investment in energy efficiency will increase globally in 2017



- 68% U.S.
- 82% Brazil
- 85% China
- 48% Germany
- 89% India

# Almost two-thirds of U.S. organizations now have a carbon reduction goal

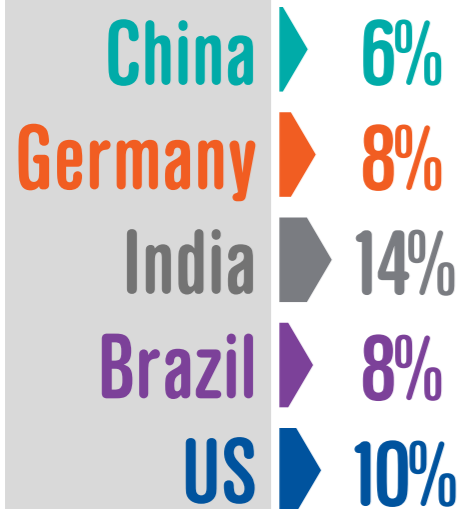


# Organizations are recognizing the multiple benefits of energy efficiency

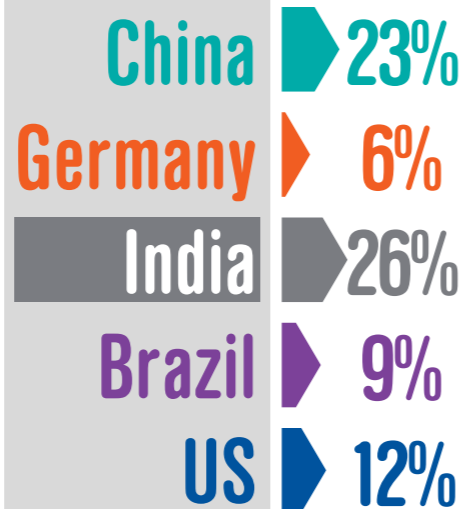


# Financial capacity and technical expertise continue to be barriers to investment

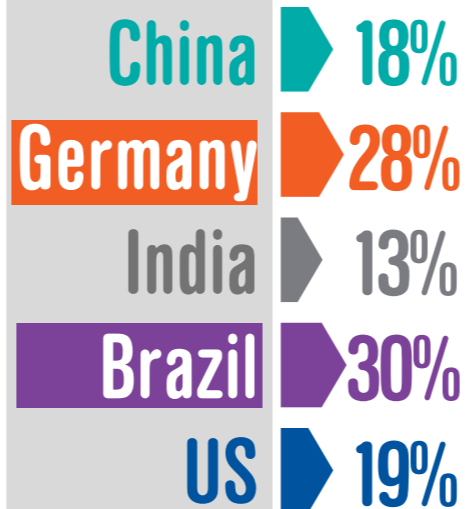
Lack of awareness about opportunities



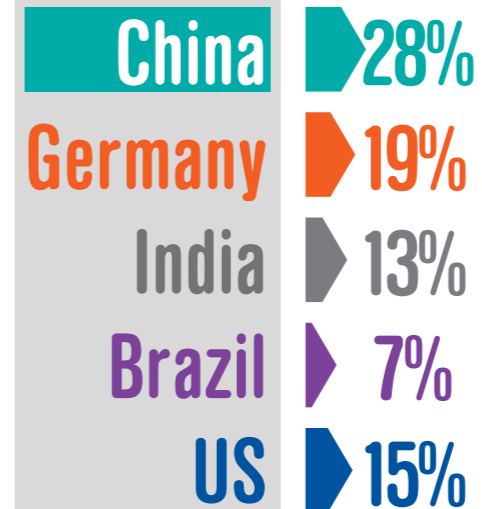
Lack of technical expertise to evaluate or execute projects



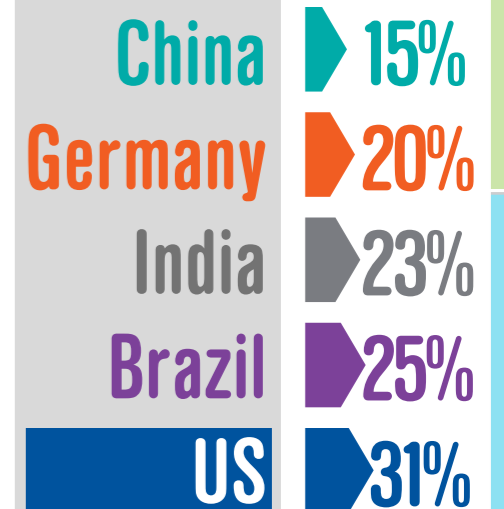
Uncertainty regarding savings/performance



Insufficient payback/ROI



Lack of funding to pay for improvements



# Larger organizations have more options to address financial challenges

Energy specific set asides within capital budget

Small Organizations

24%

Large Organizations

49%

Third-party financing options

Small Organizations

13%

Large Organizations

31%

Energy services agreement or contract

Small Organizations

12%

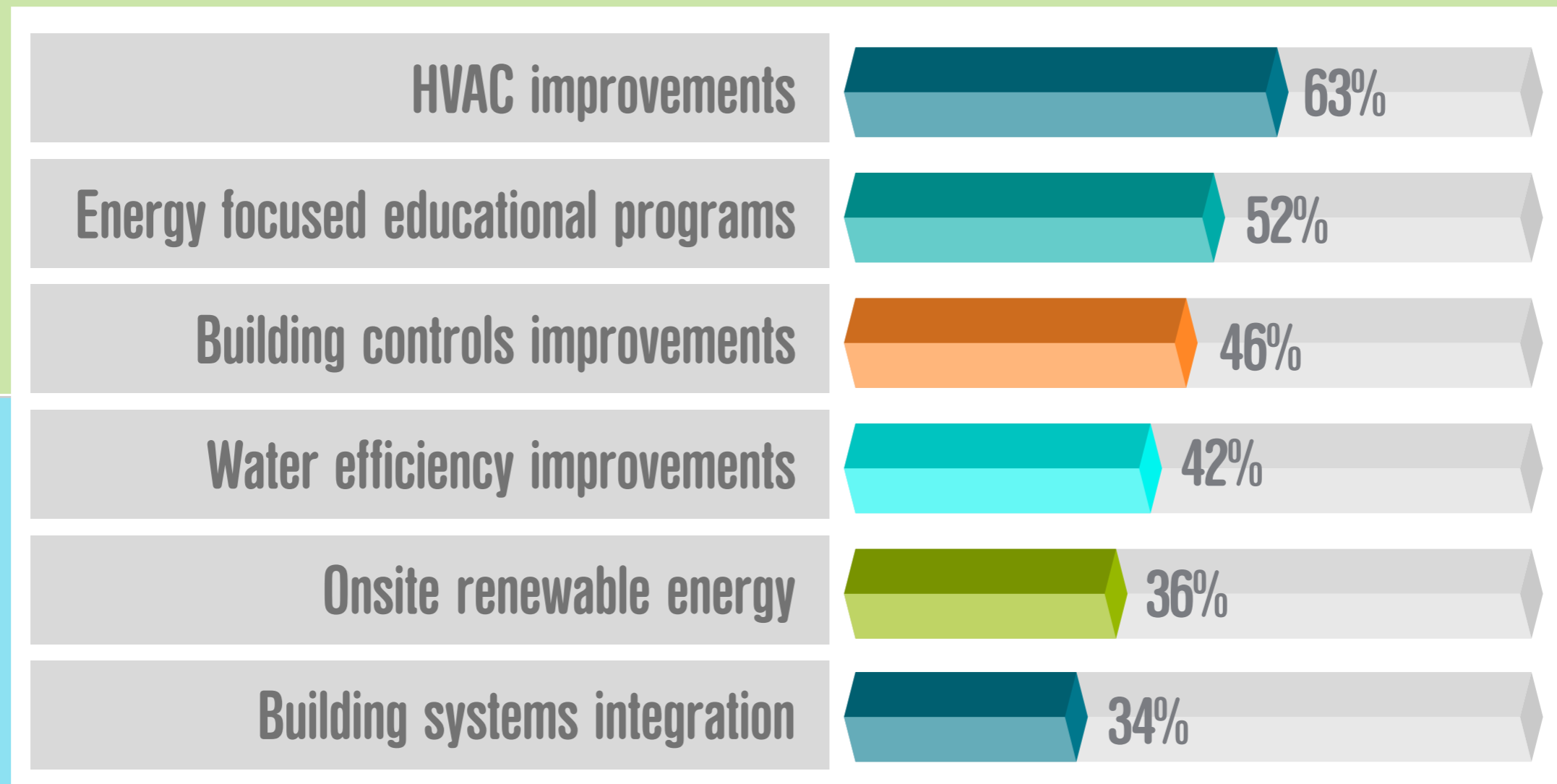
Large Organizations

31%

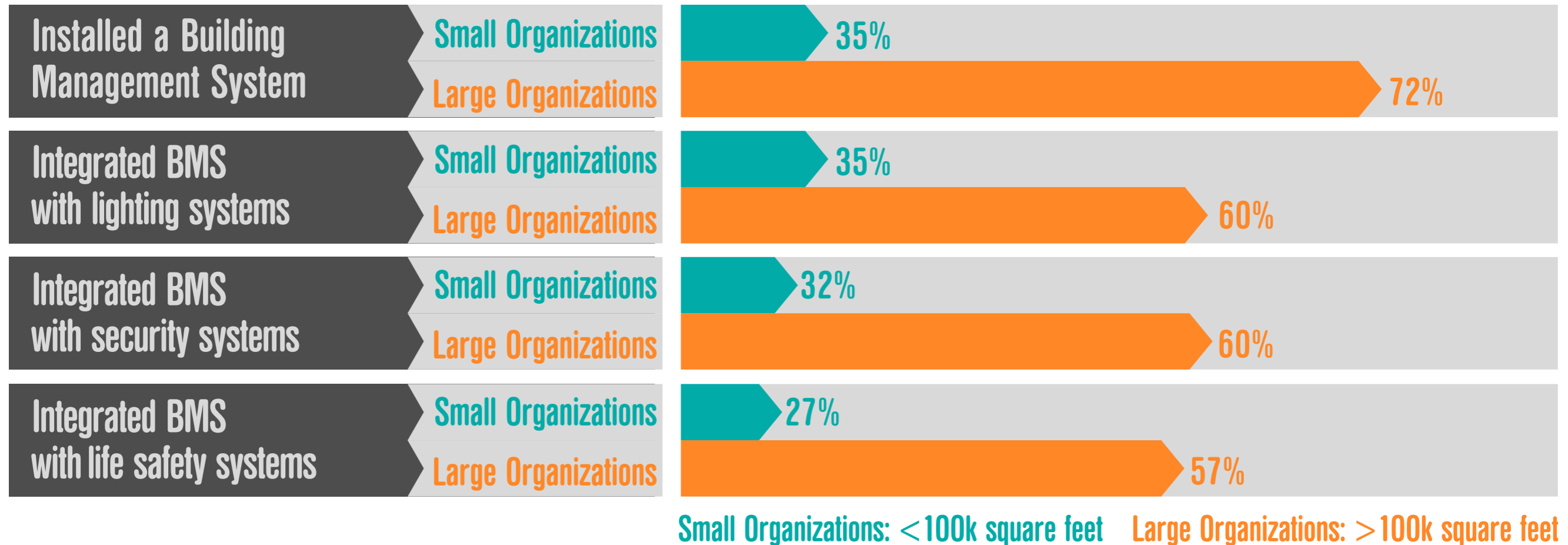
Small Organizations: <100k square feet    Large Organizations: >100k square feet



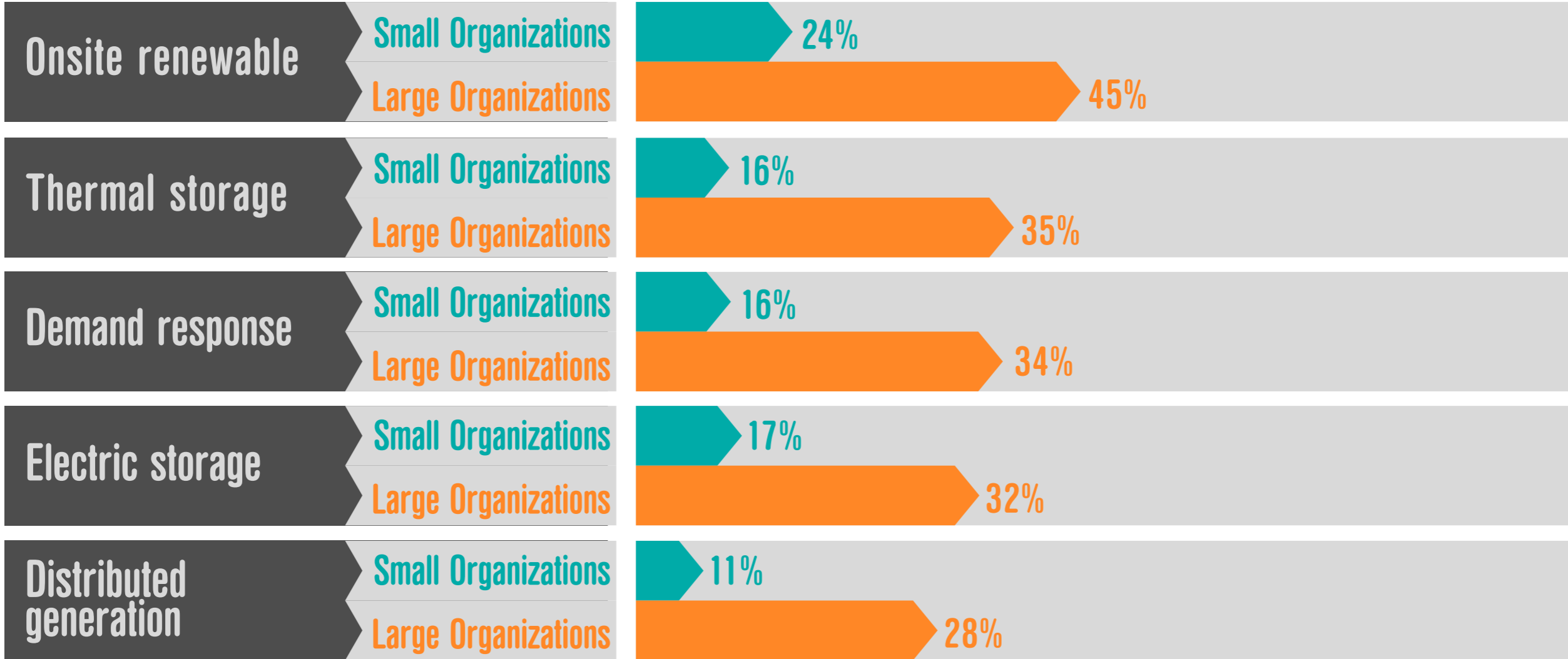
# Heating, ventilation and air conditioning was the most popular improvement over the past 12 months



# Smart building technology has greater adoption rates by larger organizations located in urban areas

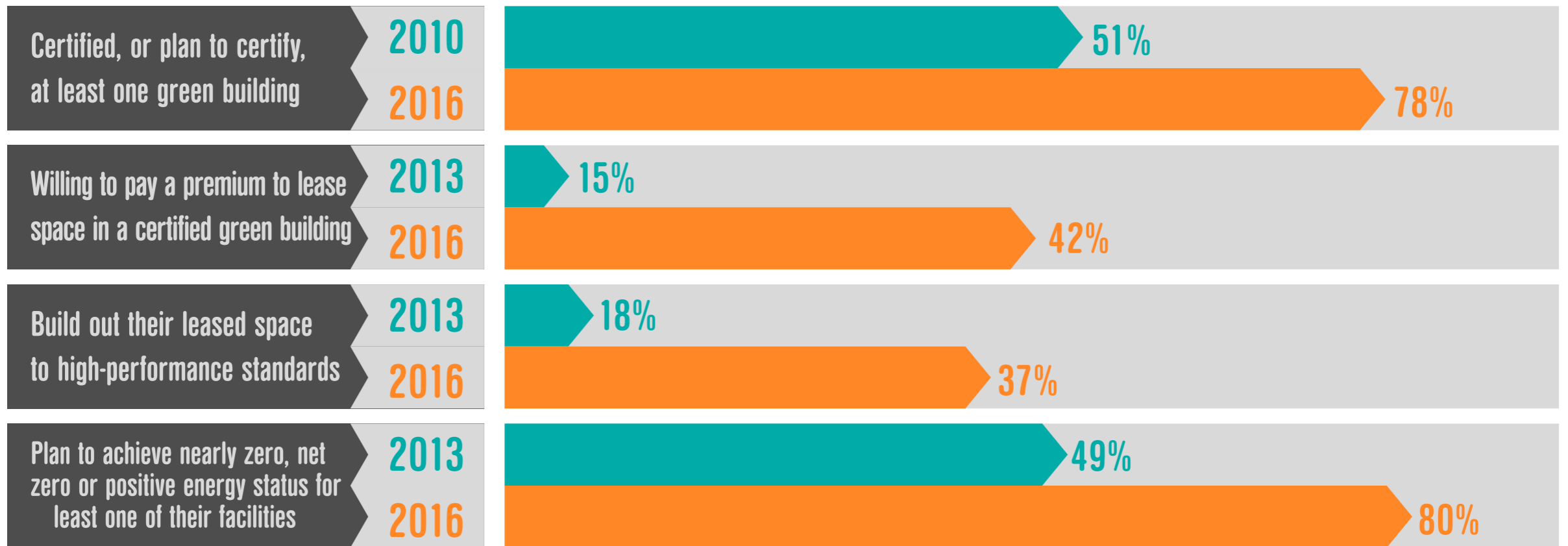


# Larger organizations are twice as likely to invest in smart energy technology

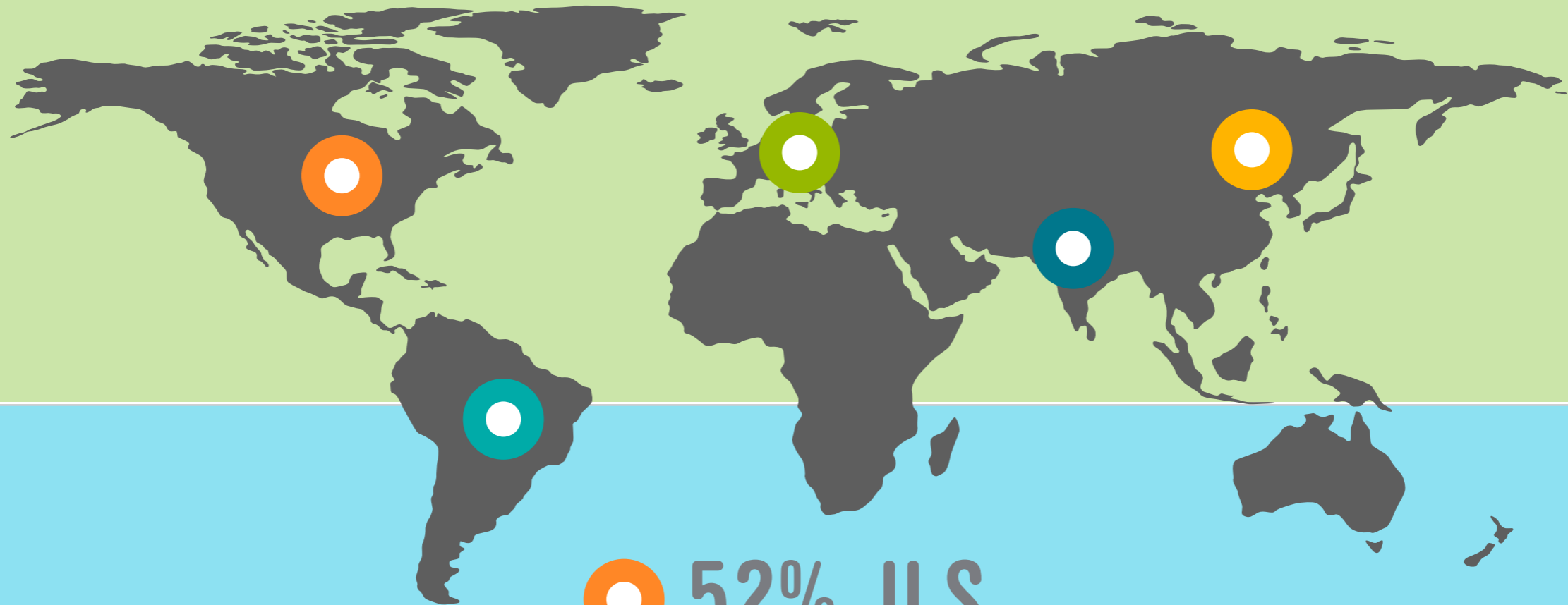


Small Organizations: <100k square feet    Large Organizations: >100k square feet

# There has been a shift from new to existing green buildings, tenant spaces and net zero energy



# Over half of organizations plan to have resilient facilities that can operate off the grid in the next ten years



- 52% U.S.
- 76% Brazil
- 65% China
- 50% Germany
- 87% India

**To download a copy of this summary visit:**

**<http://www.johnsoncontrols.com/insights/2016/buildings/features/2016-EEI-Global-Summary>**

