

2017 Energy Efficiency Indicator Survey: COLOMBIA RESULTS

Johnson Controls conducts an annual Energy Efficiency Indicator survey tracking current and planned investments, key drivers, and organizational barriers to improving energy efficiency in facilities. Since the first survey was released in 2007, almost 24,000 energy and facility management leaders have been surveyed.

INTEREST AND INVESTMENT

IN ENERGY EFFICIENCY

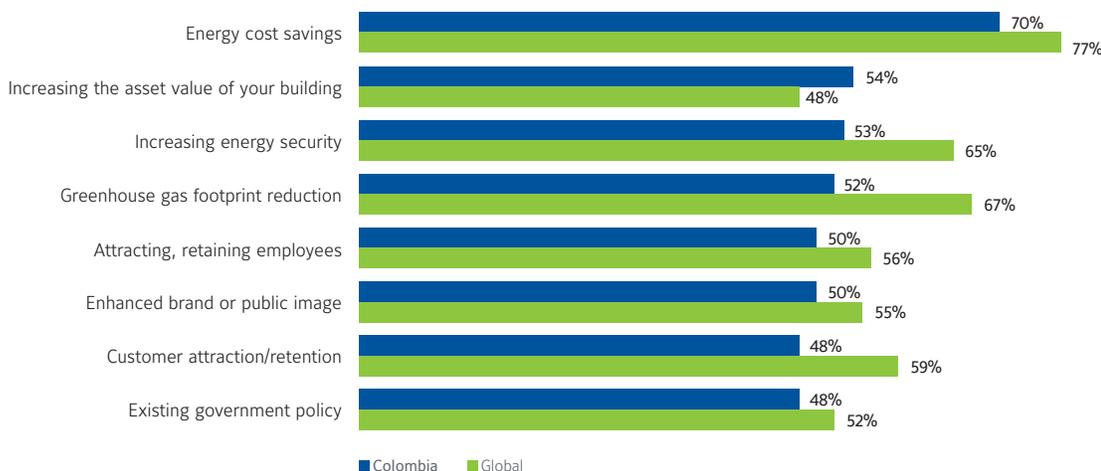
TO GROW IN COLOMBIA

Highlights from the 2017 Colombia Survey:

- Energy efficiency is increasing in importance and investment remains high. 55% of organizations are paying more attention to energy efficiency than they were one year ago, which is translating into investment. 43% of organizations plan to increase energy efficiency and renewable energy investments in the next year, with an additional 48% planning to keep their investment level the same.
- Energy cost savings was by far the most important driver in energy investment decisions in Colombia. 70% of organizations rated energy cost savings as very or extremely important in driving investment decisions. Other important drivers included increasing the asset value of their building (54% of respondents rating it as very or extremely important), increasing energy security (53% of respondents rating it as very or extremely important), and greenhouse gas footprint reduction (52% of respondents rating it as very or extremely important).

Drivers of energy efficiency investments:

Organizations rating as very or extremely significant



- The top energy efficiency measures adopted over the past twelve months include building controls improvements (72%), heating, ventilation, and air conditioning improvements (65%), onsite renewable energy (60%), and energy focused behavioral or educational programs (60%).
- When asked about planned investment over the next twelve months, heating, ventilation, and air conditioning improvements led the way with 56% of respondents indicating they would invest. It was followed by thermal energy storage (55%), onsite renewable energy (52%), and energy focused behavioral or educational programs (50%).

THIS YEAR
MARKS THE
11TH YEAR
of the survey
with over
1,500
respondents
represented from
twelve
countries,
including almost
140
leaders
from
Colombia.

Highlights from the 2017 Colombia Survey:

- For 34% of respondents, the top barrier to pursuing energy efficiency is lack of funding to pay for improvements. Other common barriers include lack of technical expertise to evaluate or execute projects (28%) and lack of awareness about opportunities (13%).
- As the demand for green buildings increases, the demand for net zero energy buildings is also on the rise. 38% of organizations already have or plan to have at least one certified green building in the future and 41% of organizations are willing to pay a premium for space in a certified green building. Many organizations plan to achieve near zero, net zero or energy positive status for at least one building in the next 10 years, with 40% indicating it is very or extremely likely.
- Resiliency is an increasingly important consideration for building infrastructure investments. 48% of organizations stated that maintaining critical operations during severe weather events or extended power outages is very or extremely important when considering future infrastructure investments. In addition, 40% of organizations are very or extremely likely to have one or more facilities able to operate off the grid in the next 10 years.
- Building systems integration continues to build momentum as the focus on smart buildings increases. 48% of organizations invested in systems integration in the past 12 months and 33% plan to invest in the next 12 months. Security systems are leading the way with 48% of respondents indicating they have already been integrated with other building technology systems. This is followed by energy management systems (integrated with other building technology systems for 38% of respondents) and external data sources, such as weather and utility data (integrated with other building technology systems for 33% of respondents).
- In Colombia, performance benchmarking and certifications are the most effective policy driving energy efficiency improvements with 72% of respondents ranking it as very or extremely important. Other policies that are effective in driving energy efficiency improvement are government leadership in leasing, building design, and retrofits (71% of organizations rated as very or extremely important), public and private sector building efficiency targets (60% of organizations rated as very or extremely important), and utility data access, tariffs, incentives, and programs (60% of organizations rated as very or extremely important).

Policies driving energy efficiency improvements:

Organizations rating as very or extremely important



2017 COLOMBIA SURVEY DEMOGRAPHICS

To qualify, respondents must have facility budget responsibility and propose or approve energy efficiency initiatives for their organization. The survey was administered anonymously by a third party partner. For the 2017 Colombia survey, there was a good mix of respondents from institutional, commercial, and industrial organizations, as well as a mix of organizational titles, including c-level executives, vice presidents, directors and managers. 56% of respondents have responsibility for facilities that cover more than 500,000 square feet, 30% cover 50,000 to 500,000 square feet, and 14% cover less than 50,000 square feet.

For more information go to www.johnsoncontrols.com/insights/2018/buildings/features/energy-efficiency-indicator-survey