

# Make your building more energy efficient

People spend **87%** of their lives indoors<sup>1</sup>, which means the demand for heating, cooling, and electricity is constant.

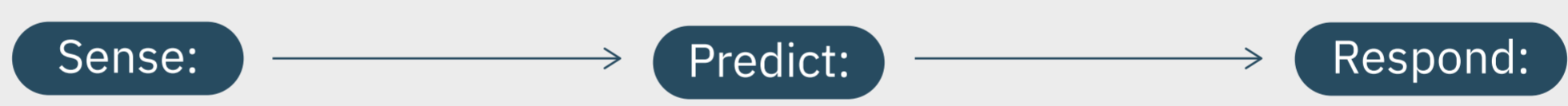
**The result:** increased energy consumption, which hurts the environment and your bottom line.

Buildings represent **39% of the total energy consumption**<sup>2</sup> in the U.S.

Commercial buildings account for **18%** of that energy consumption<sup>8</sup>.

**75% of energy** used in commercial buildings goes to heating, cooling, and lighting.<sup>3</sup>

The average individual office building uses **1.25 billion BTU a year**.<sup>4</sup>



Buildings that can **sense**, **predict**, and **respond** are in the strongest position to help reduce energy consumption.

Only **15% of buildings** currently have building automation systems<sup>5</sup> to automatically adjust energy measures.

However, smarter building investments are estimated to reach **USD 30 billion annually by 2022**<sup>6</sup> with estimates of **over a billion sensors** deployed<sup>7</sup>.

These sensors are designed to capture critical data points in **real time** to help to **predict usage patterns**.

Normalizing weather through predictive analytics with IoT data can help improve planning to reduce a building's direct energy cost.

Harnessing the full power of the data being collected from your buildings could potentially **cut energy usage by an average of 29%**<sup>5</sup>.

It can also help you prioritize maintenance around energy conservation by understanding the "energy hogs" in your enterprise.

Learn more at [ibm.co/buildinginsights](http://ibm.co/buildinginsights)

## Watson IoT™

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