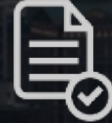
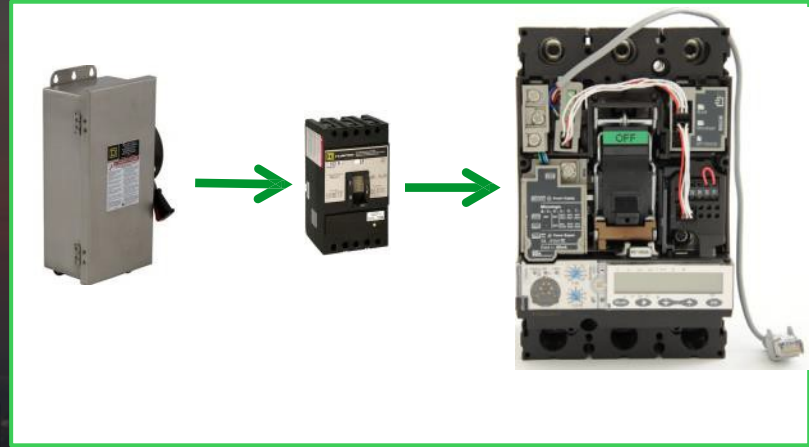


Smart buildings: reducing buildings' ecological footprint

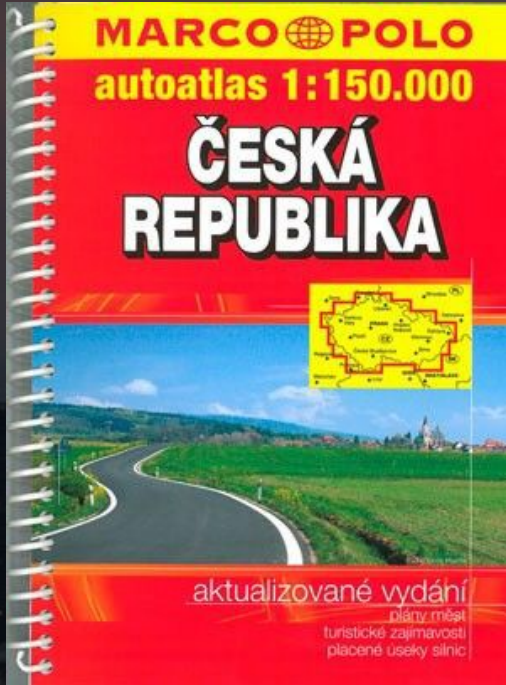
JAKUB JIŘÍČEK

Digital Energy Leader

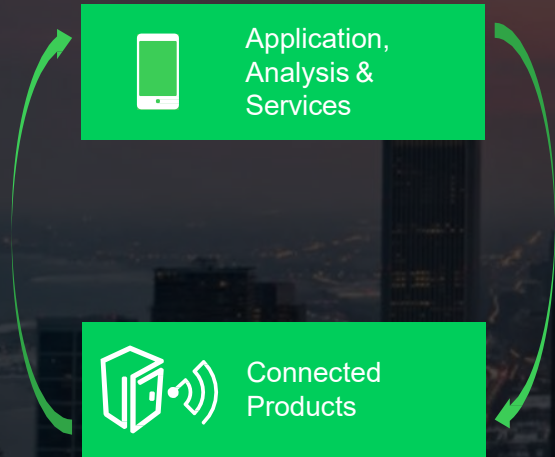
Internet of Things – what is it good for?



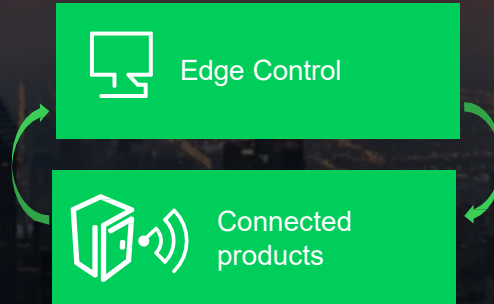
Which approach is better?



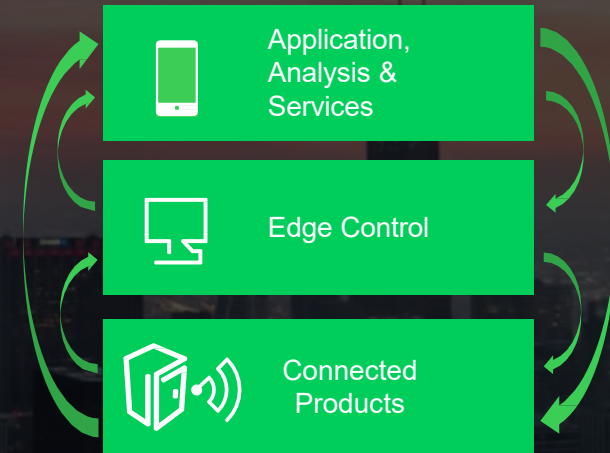
IT part...



... OT part



IT meets OT



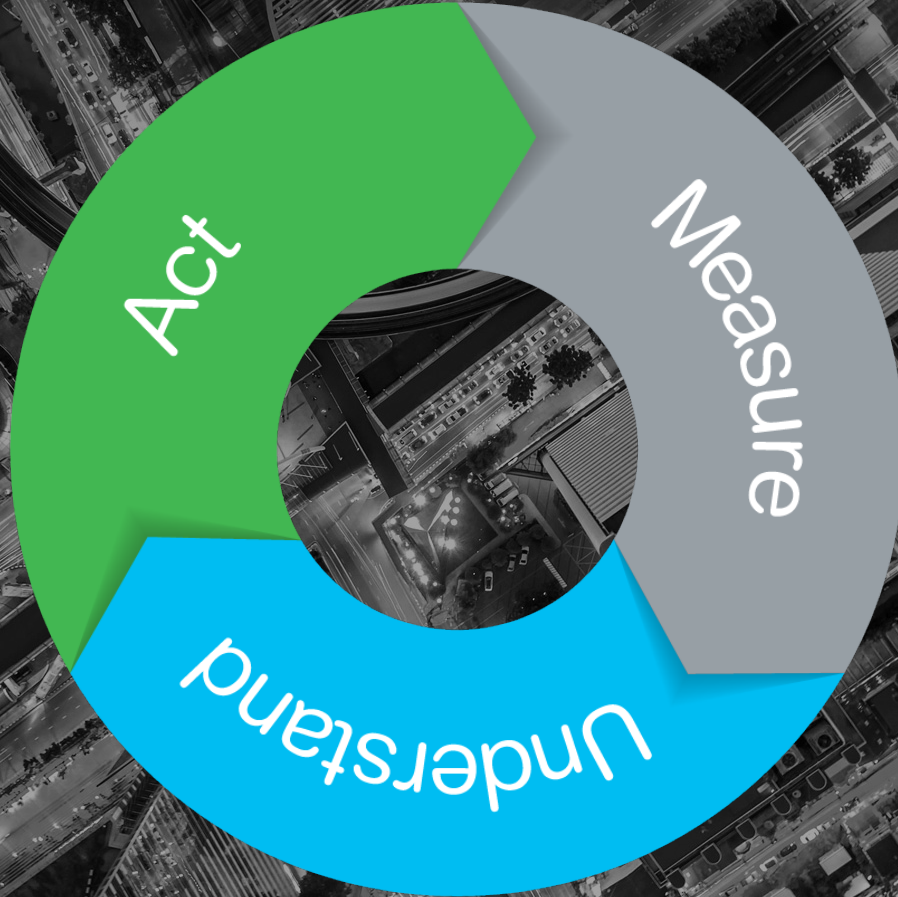
EcoStruxure™ Building

Innovation At Every Level

Platforma EcoStruxure™



How to reach energy savings?





Measure

Understand

Act

EcoStruxure™ Building

Innovation At Every Level



Platforma EcoStruxure™





Understand

Measure

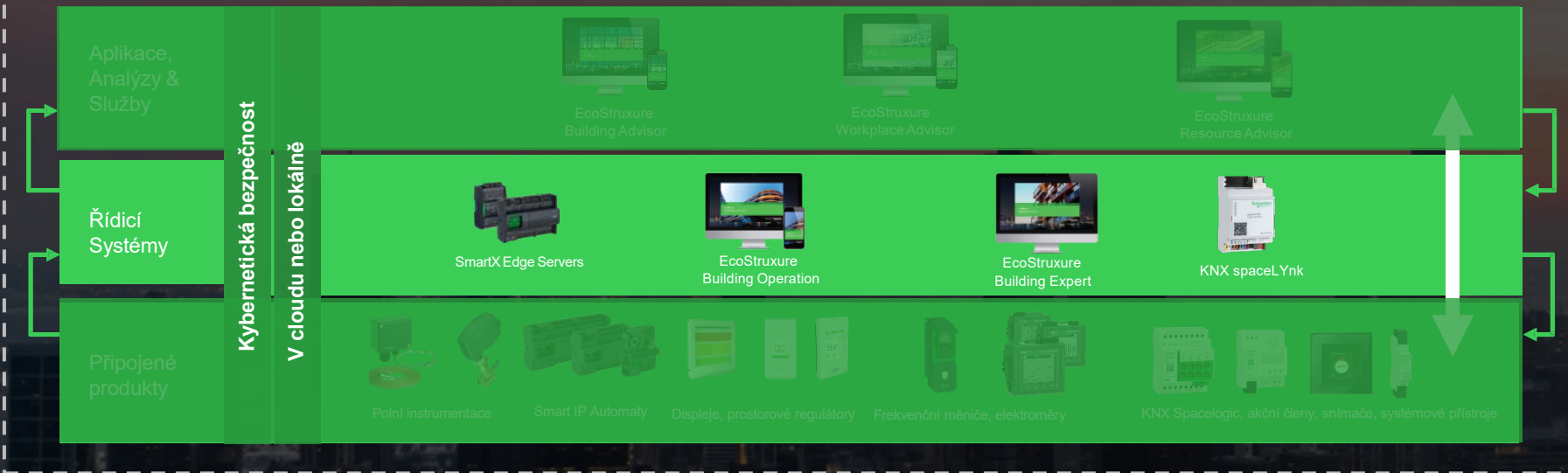
Act

EcoStruxure™ Building

Innovation At Every Level



Platforma EcoStruxure™



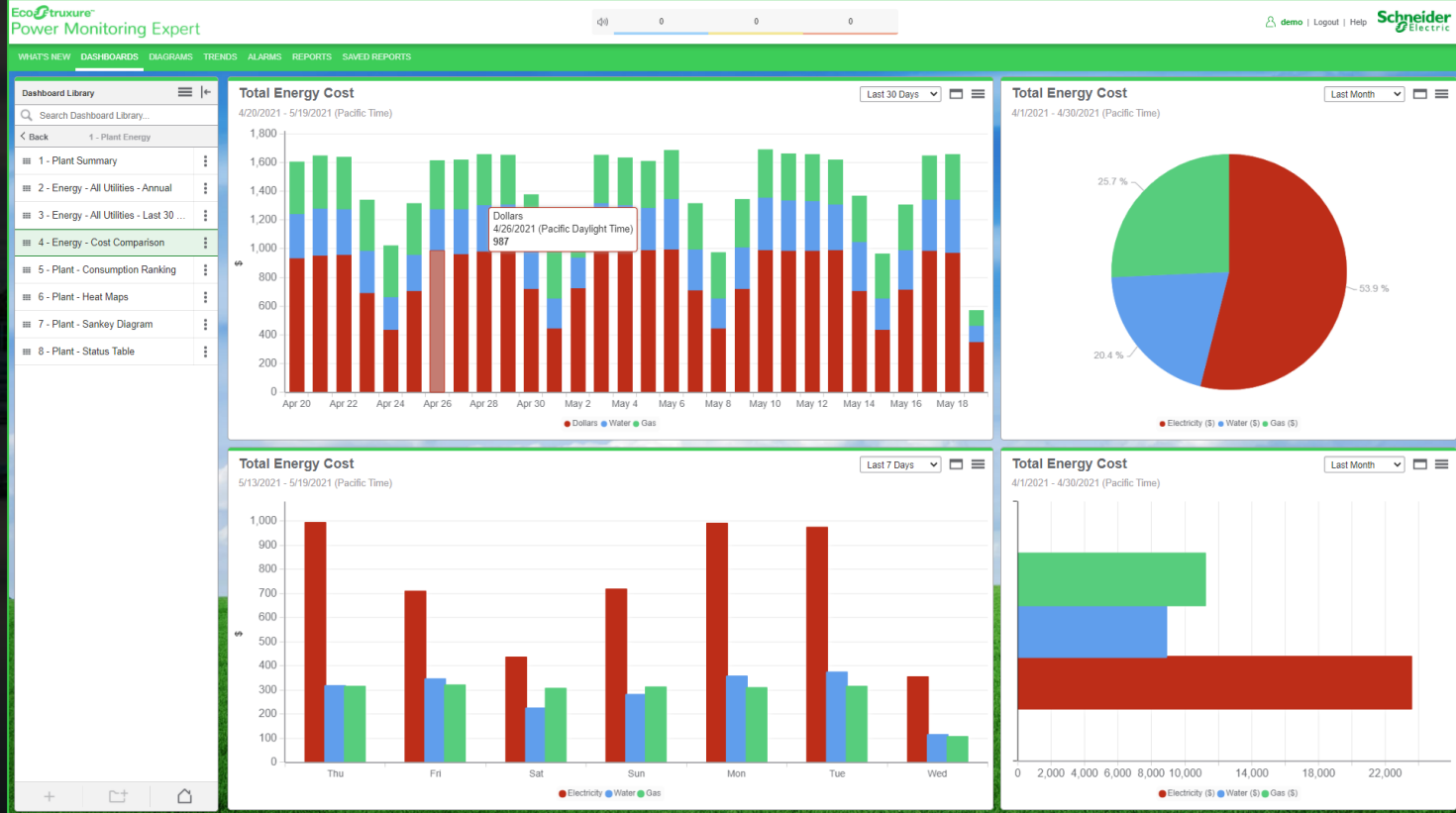
Reducing energy consumption and costs



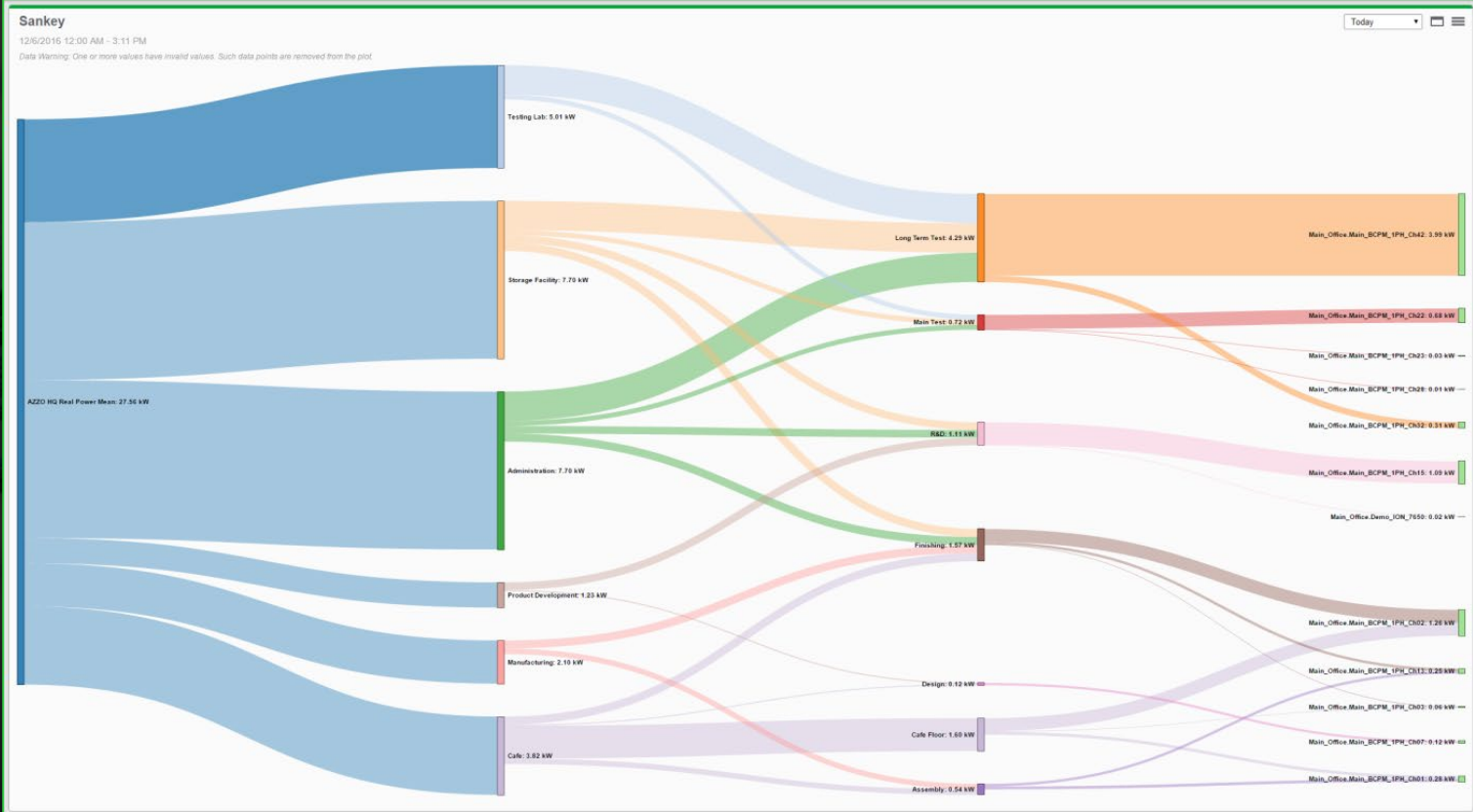
- Cost allocation
- Consumption comparison
- Energy monitoring
- Energy modeling and verification



Reducing energy consumption and costs



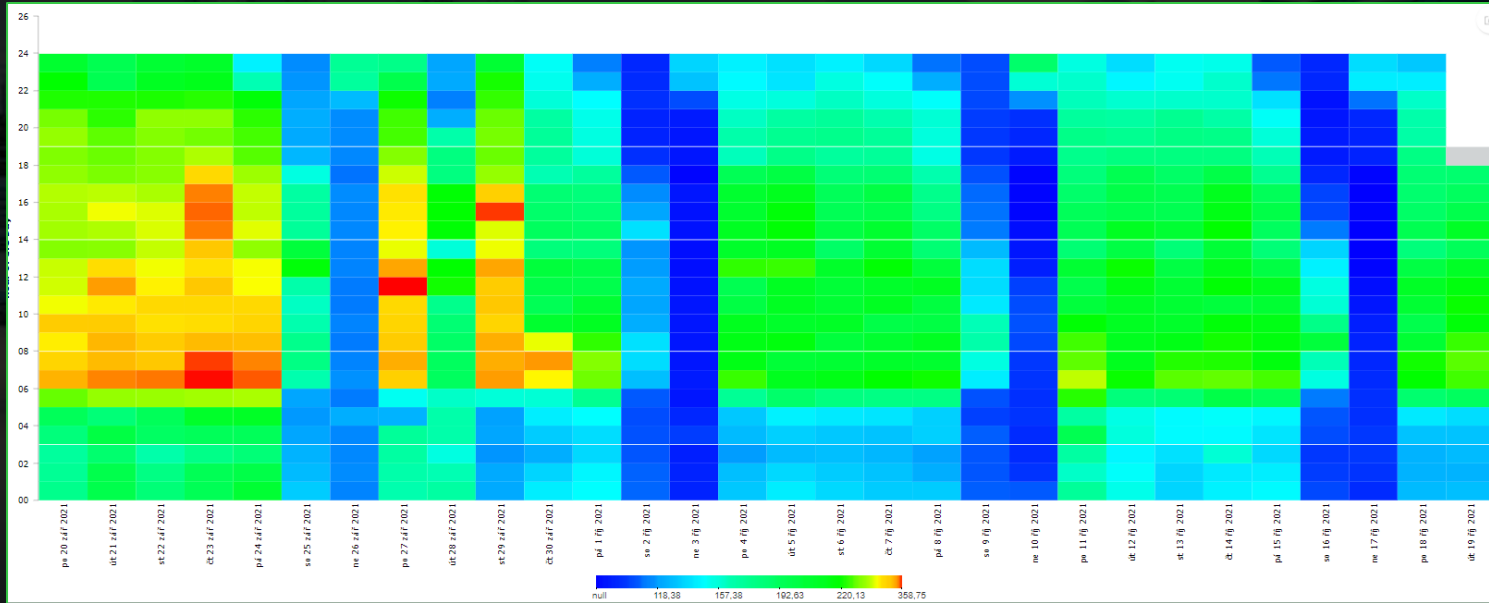
Reducing energy consumption and costs

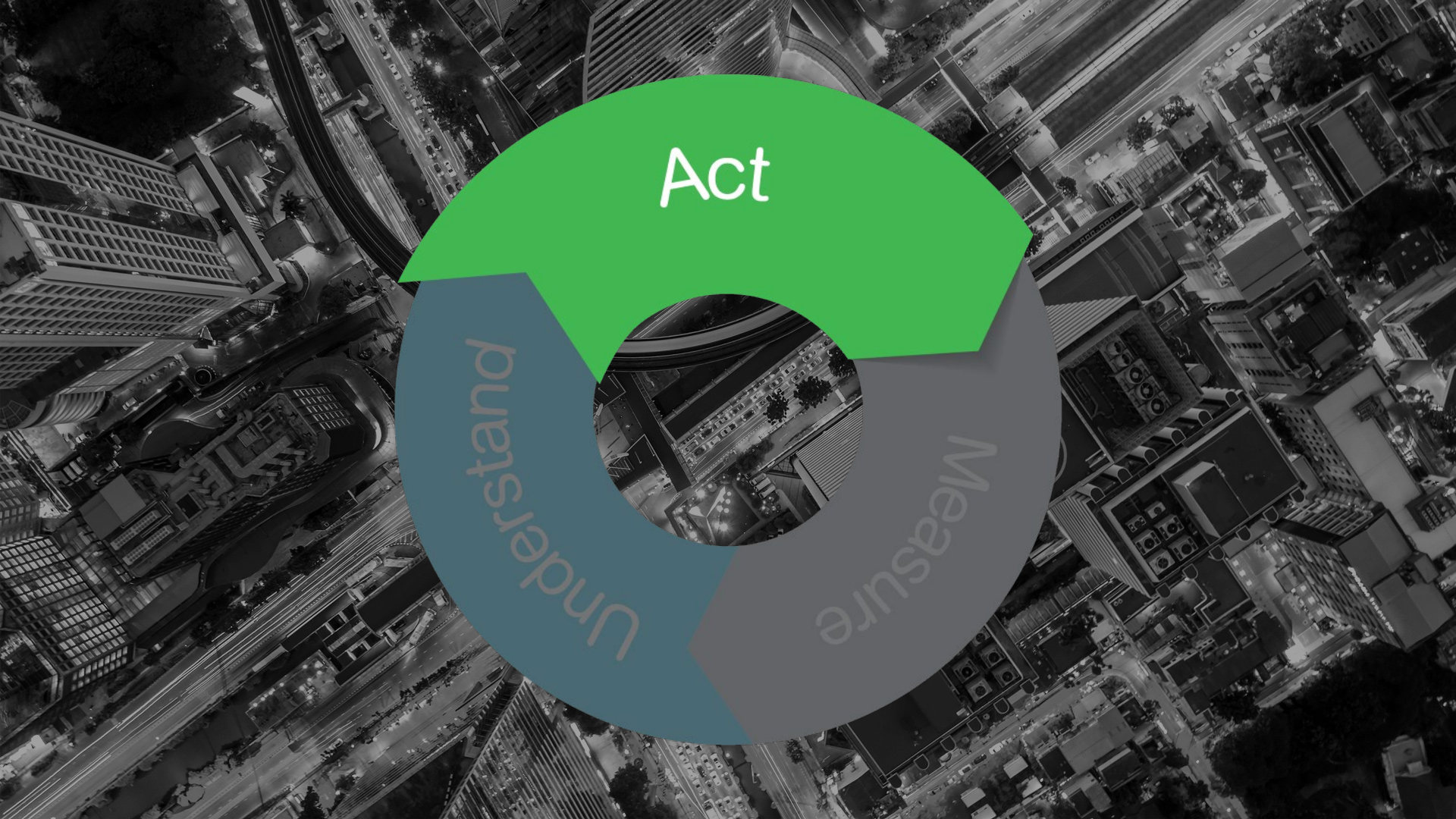


Reducing energy consumption and costs



Heat maps to identify patterns





Act

Understand

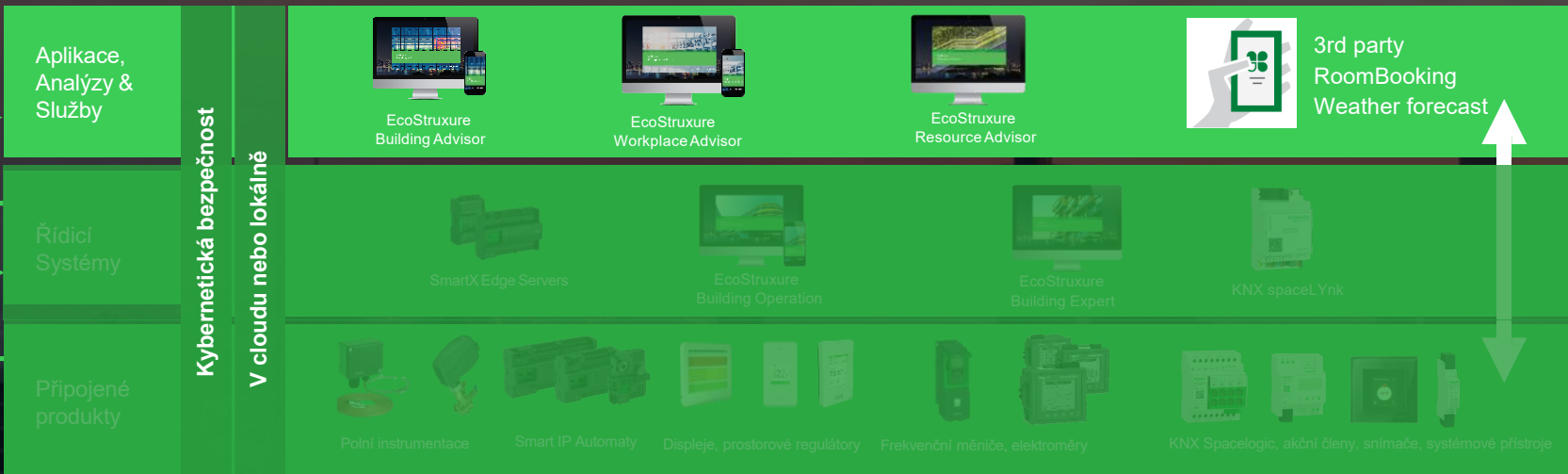
Measure



EcoStruxure™ Building

Innovation At Every Level

Platforma EcoStruxure™



Reducing energy consumption and costs



EcoStruxure™
Building Operation

EcoStruxure™
Power Monitoring Expert

Actions on HVAC
Heat recovery
Light Control according to
occupancy and sun irradiance

Microgrid
Demand control



How to reach **energy savings?**

Targeted corrective actions

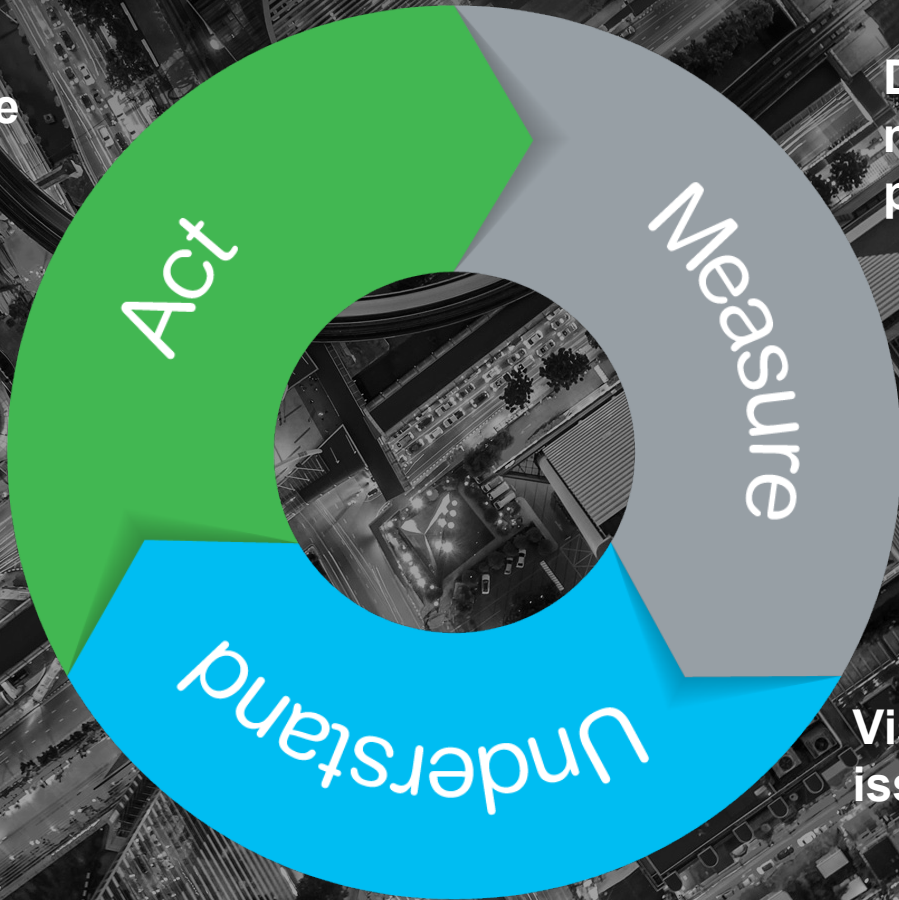
Act

Data from digital meters and connected products

Measure

Understand

Visualization and issues identification



Building for the future

Sustainable | Resilient | Efficient

An aerial night view of a city, likely Dubai, showing a dense urban landscape with numerous skyscrapers and buildings. A prominent feature is a bright, glowing stream of light or energy that flows vertically through the city, starting from the top right and ending near a large circular plaza in the lower right. The overall scene is dark, with the city lights and the glowing stream providing the primary illumination.

Life Is On

Schneider
Electric