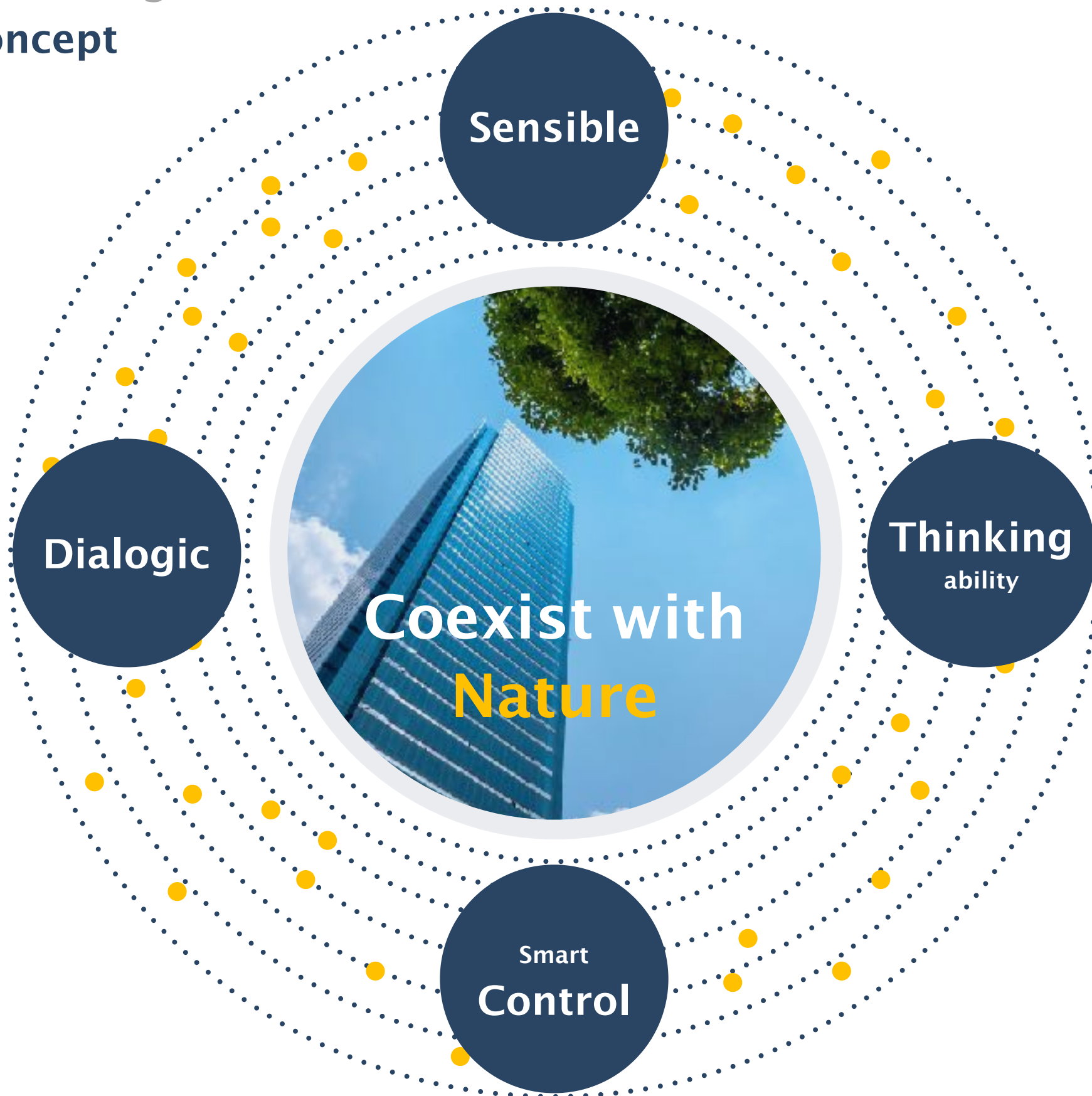


BUILDING FOR
TOMORROW, TODAY.
BUILD THE FUTURE

Chicony Building I

Design Concept

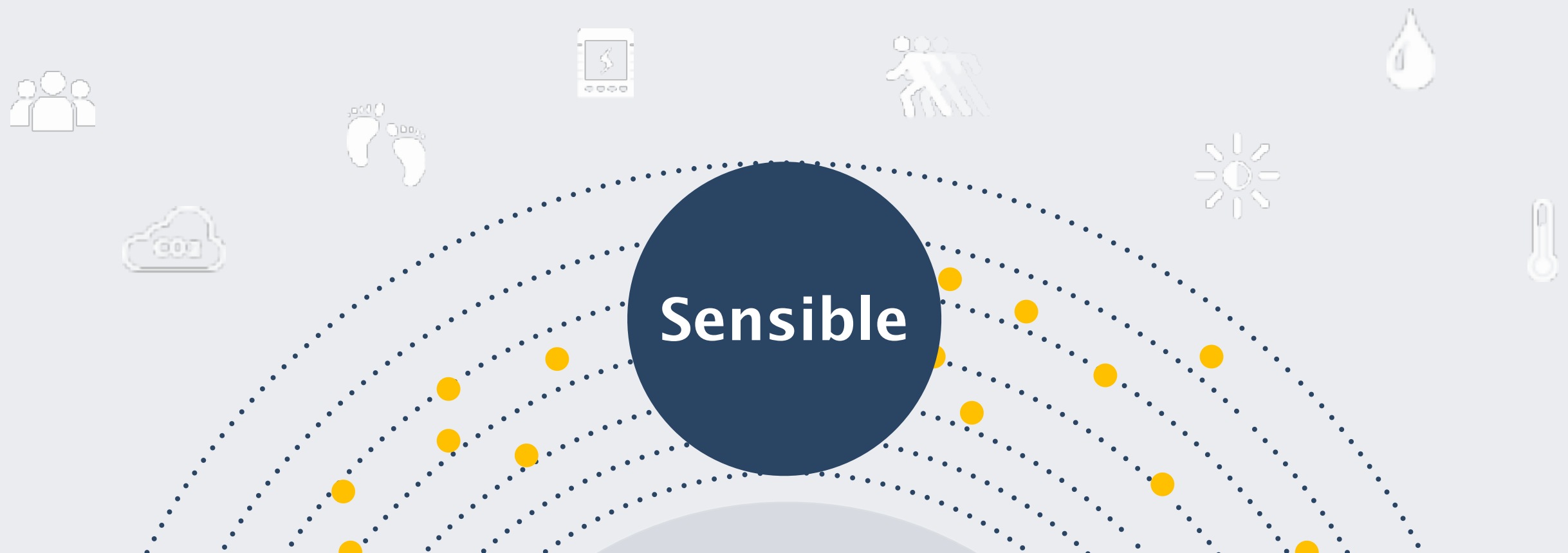


- Sunlight Angle
- Wind Strength
- Wind Direction
- Outdoor Temperature
- Outdoor Humidity
- License Plate Recognition
- Vehicle Recognition
- Control Line Staff Detection

- Indoor Temperature
- Indoor Humidity
- Luminosity
- Human Sensing
- Human Counting
- Facial Recognition
- CO Detection
- CO₂ Detection
- VOC Detection
- Formaldehyde Detection
- Smoke Detection
- Air Flow Detection
- Power Detection
- Water Pressure Detection
- Flooding Detection
- Glass Explosion Proof
- Vehicle Occupancy Detection
- Emergency Sensing

Outdoor Environment

Indoor Environment

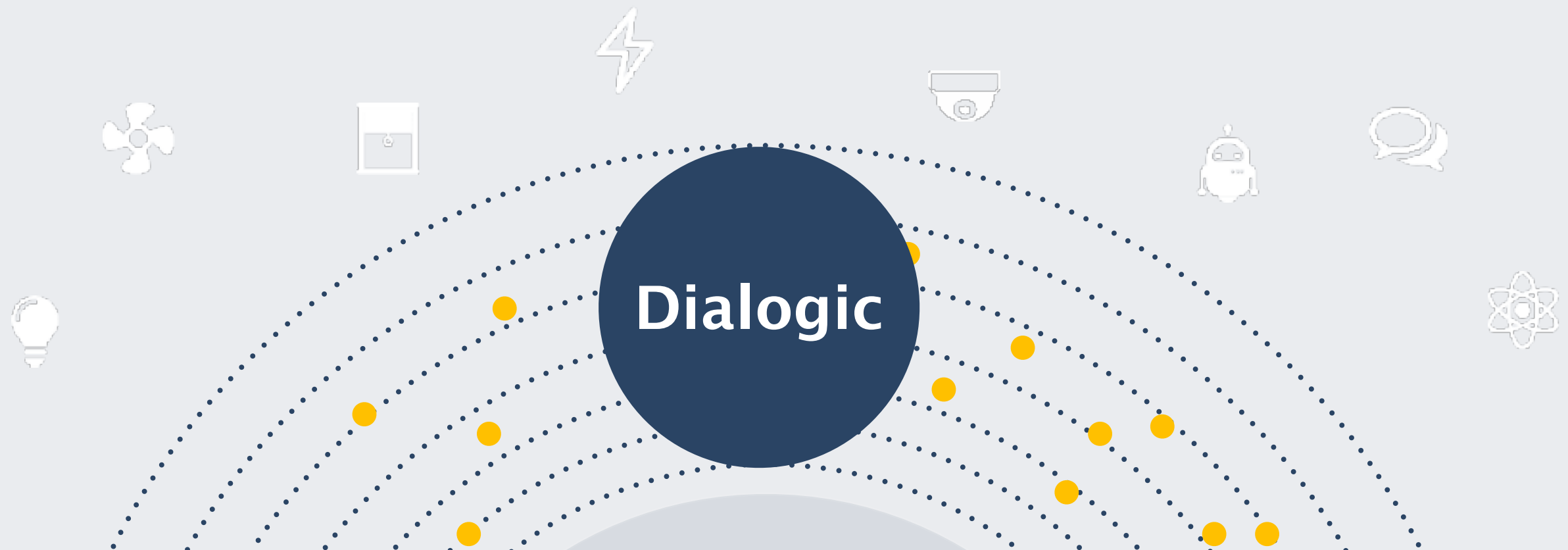


- Sensor
- Dimmable LED Driver
- Relay
- AI/DI/AO/DO/RS485/RS232
- Data Converter

- Cloud Management Platform
- Mobile Devices App
- Natural Language Conversational Interface
- Public Broadcasting System
- Interactive navigation System

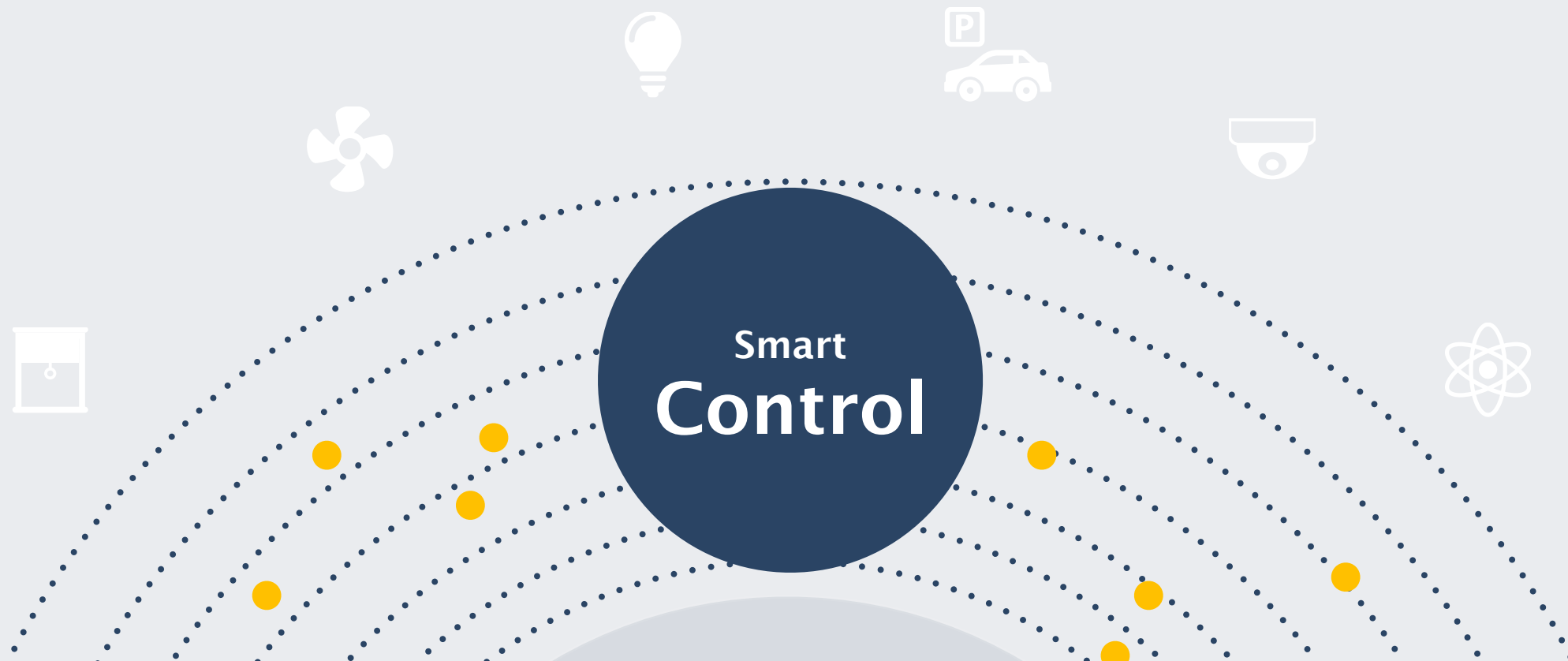
Interaction between Equipment

Interaction between Human and Machine



- Smart Lighting
- Rainwater Recycle
- Smart Curtain
- Smart Elevator
- HVAC Optimize
- Renew energy
- Image security / Facial Recognition
- Smart parking
- Energy Management
- Smart street lighting

Intelligent Systems





Double Low-E Glass

- 8mm+12AS+8mm Double Silver Insulating Glass
- Heat Conduction: $1.52\text{W} / (\text{M}^2 \times \text{K})$
- Sheltering Coefficient: 0.25, Solar Transmittance 0.22



Elevator Power Recycling

- Potential Energy Recycling
- Estimated Power Saving: 30%~40%



Rainwater Recycling

- Recycle the rainwater for plant watering



Wind Power Generation

- 10.5kWh
- Estimated Power Generation: 19,163kWh/Y
- CO2 Lower 11,727kg /Y
- Location : 1F

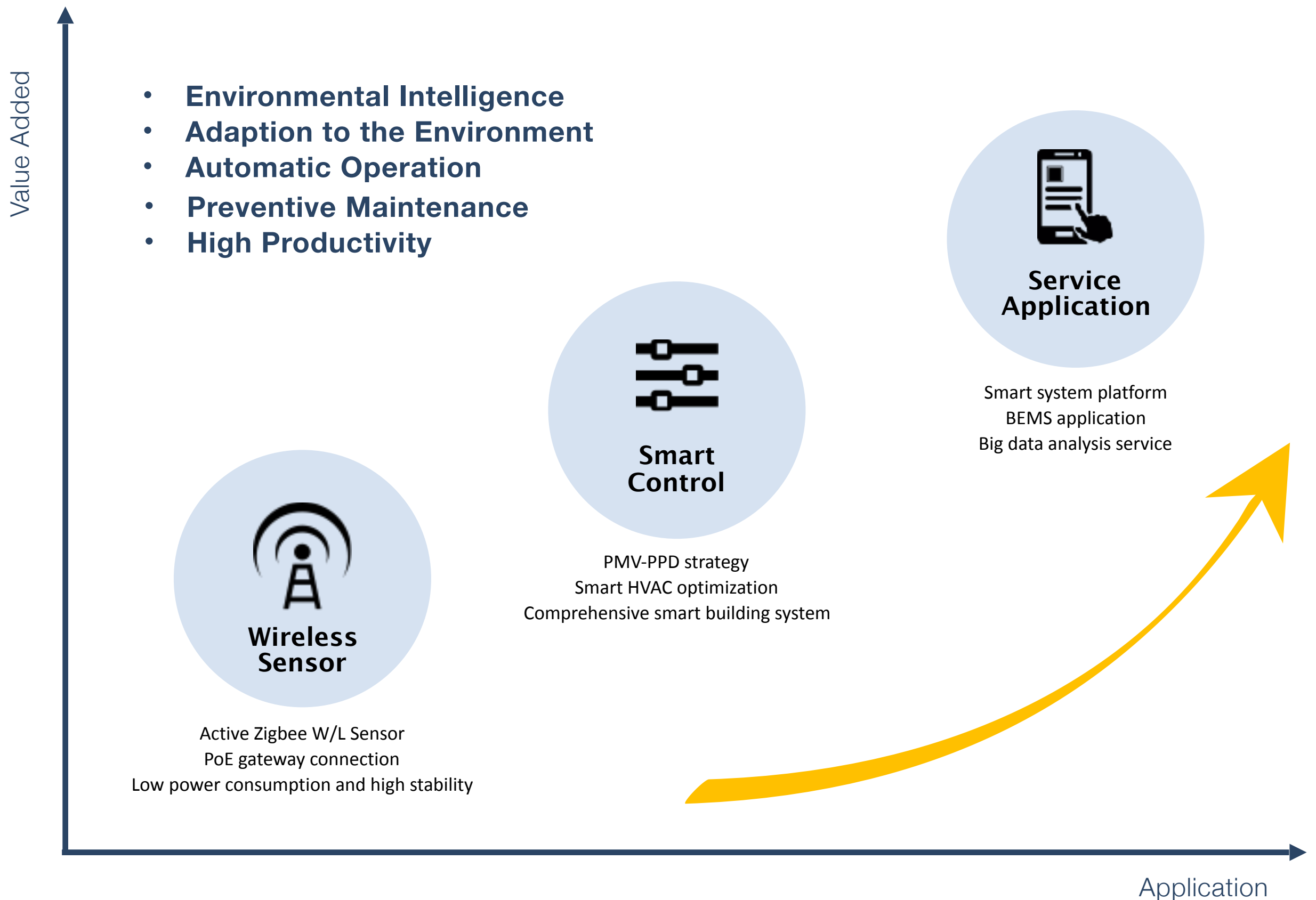


Solar Energy Generation

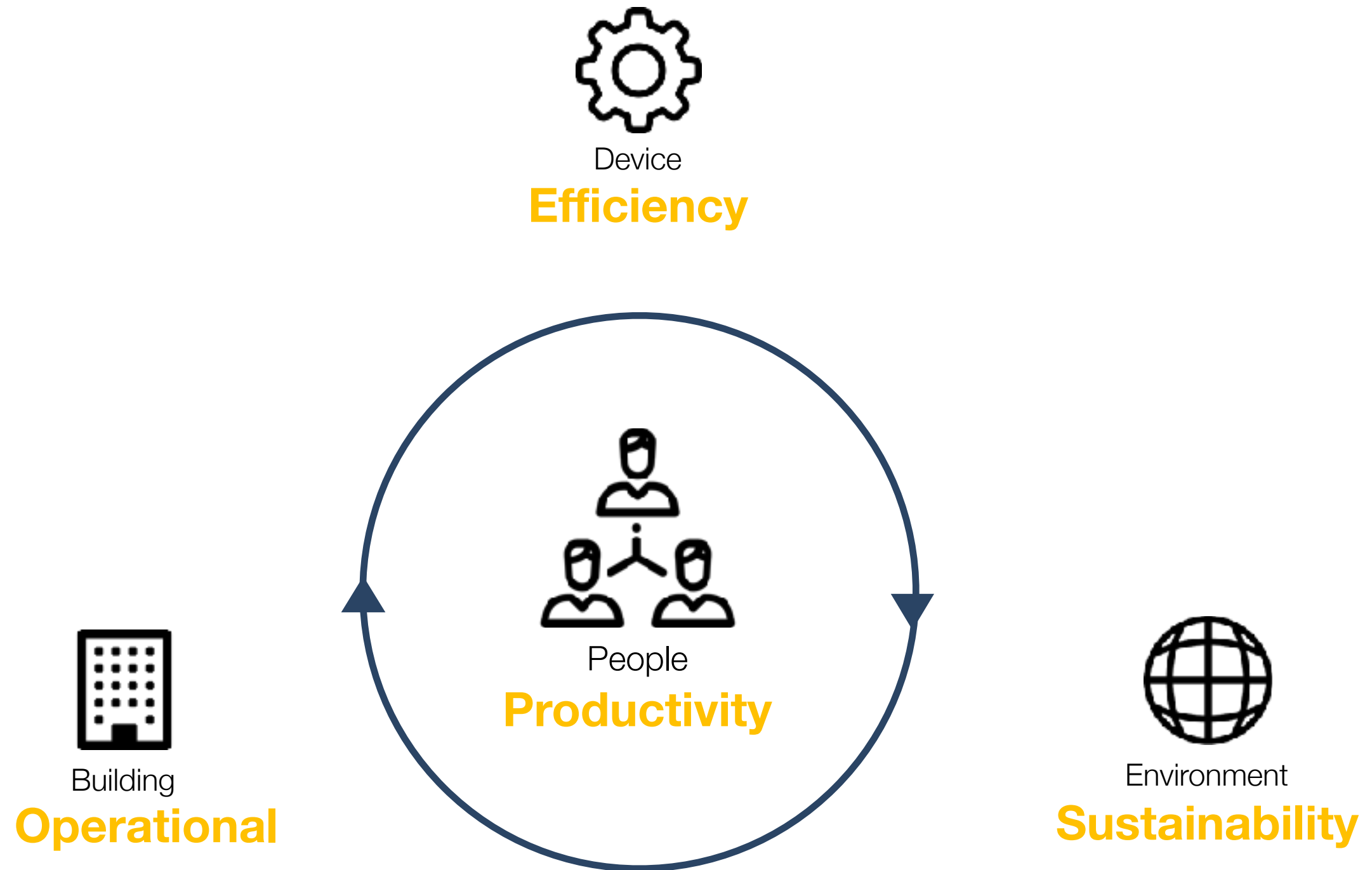
- 17kWh
- Estimated Power Generation: 17,134kWh/Y
- CO2 Lower: 10,633 kg/Y
- Location : RF



Chicony Building | Advantage



Chicony Building | **Benefit**



The Future We Imagine Is the Future We Get