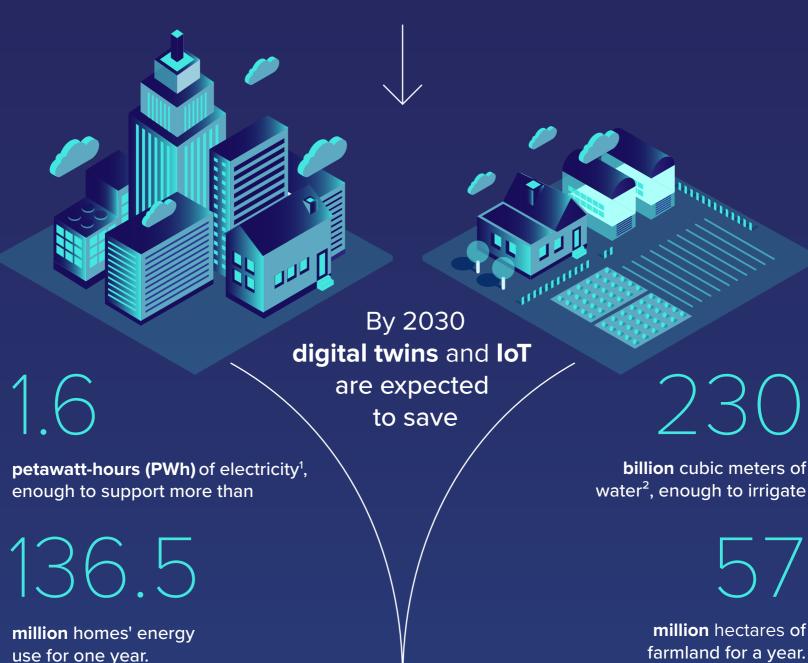
From Data to Green

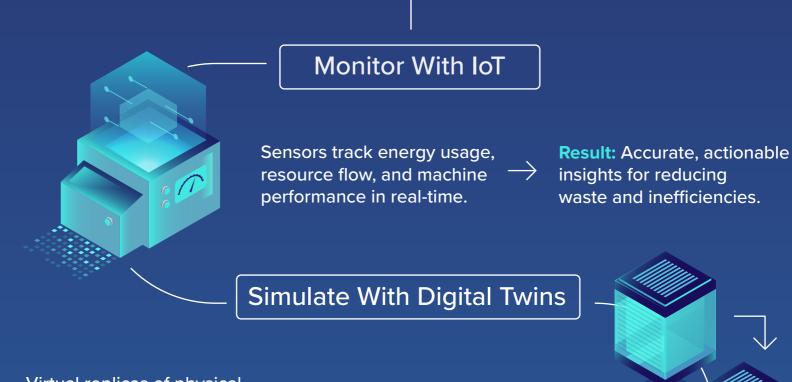
How **loT and Digital Twins** Are Transforming Manufacturing for a Sustainable Future

Leverage smart technologies to reduce costs, optimize resources, and minimize your environmental impact.

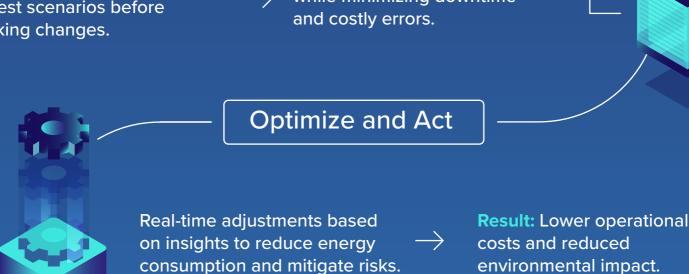
Digital Technology with a Green Impact



How IoT and Digital Twins **Enable Sustainability**



Virtual replicas of physical **Result:** Optimize processes operations allow manufacturers while minimizing downtime to test scenarios before and costly errors. making changes.



Transparent Supply Chains

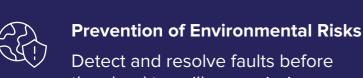
seamless reporting.

Combined with blockchain. **Result: Stronger stakeholder** IoT ensures end-to-end confidence and

transparency for ESG compliance.



reduction in energy costs of smart buildings.4



Detect and resolve faults before

they lead to spills or emissions.

Compliance and Reputation

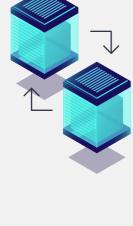
Environmental Benefits

for Manufacturers

Transparent ESG reporting builds investor and customer trust.

footprint of buildings.³

40/ water consumption optimization.5



reduce operational costs, improve ESG compliance, and position your business as a sustainability leader.

Investing in IoT and Digital Twins can

⁵ The Global Lighthouse Network Playbook for Responsible Industry Transformation

the foundation that powers rapid innovation and scalable business transformation.

 $^4\mbox{A}$ Promising Solution to Energy Management in Smart Buildings

³ A Review of Digital Twin Technologies for Enhanced Sustainability in the Construction Industry

Get In Touch

Artificial Intelligence. Automation. Cloud Engineering. Advanced Analytics. For Enterprises, these are key factors of success. For us, they're our core expertise.

We work with global iconic brands. We bring them a unique value proposition through market-leading technologies and business process excellence. At the heart of it all is Digital Engineering –

We've created over 200 unique inventions under several patents across Al and other emerging technologies. Leveraging our advanced products and platforms, we drive digital transformation at scale,

Talk to our experts and make sure your

business is ready for a green future.

SUTHERLAND

digital outcomes

¹ IoT Technology Will Save More Than Eight Times the Energy it Consumes by 2030 and Drive Strong Reduction in CO2 Emissions and Water Usage ² IoT Technology Will Save More Than Eight Times the Energy it Consumes by 2030 and Drive Strong Reduction in CO2 Emissions and Water Usage