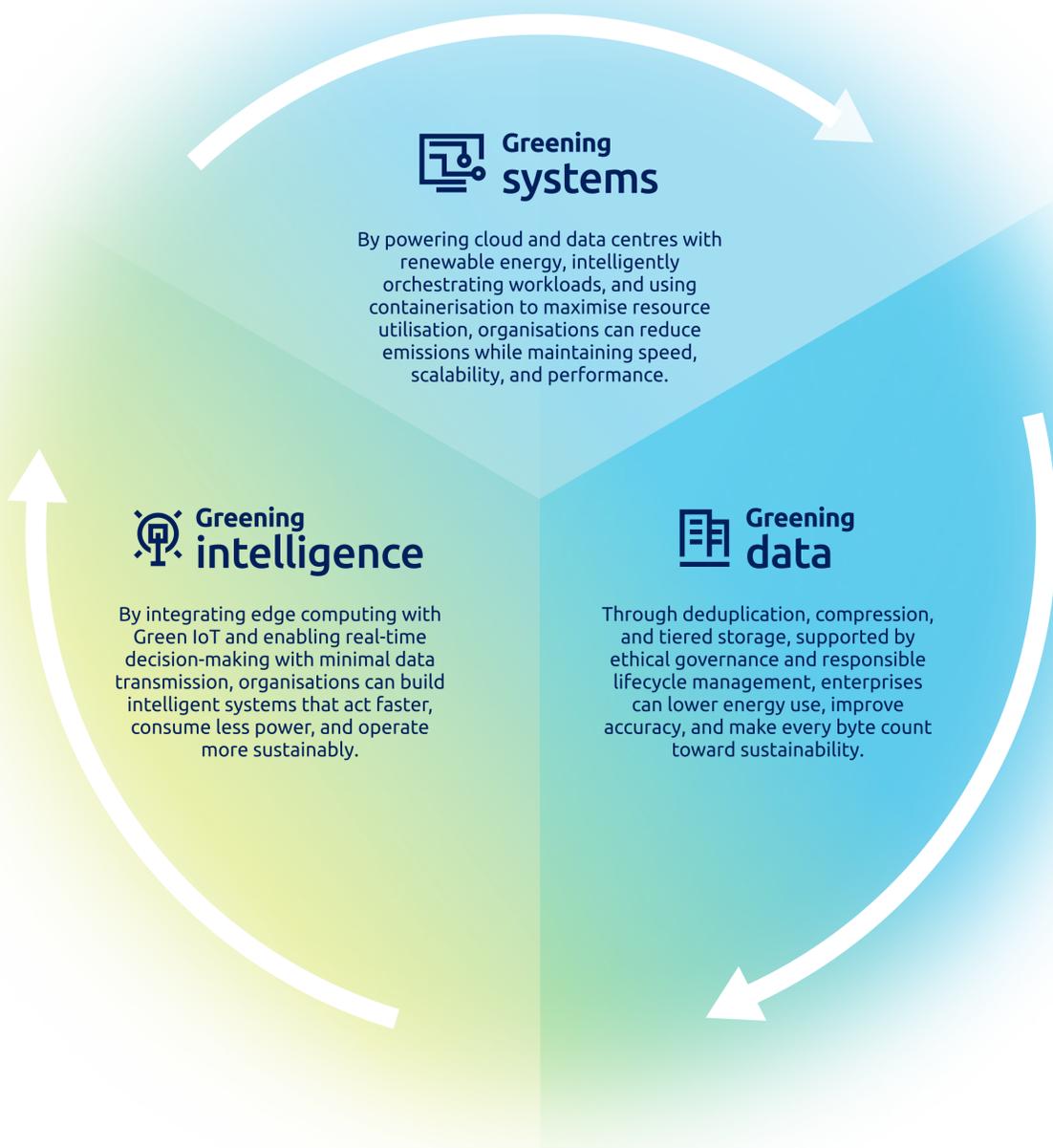


AI is accelerating innovation and energy use. Data centres already account for up to 4% of global CO₂ emissions, projected to reach 14% by 2040 if unchecked. As AI models and workloads grow, sustainability can no longer be an add-on; it must be built into intelligence itself.

Sustainable intelligence begins by rethinking how AI is powered, trained, and deployed.

The strategies of Green AI

A simple framework for designing energy-aware, responsible AI systems.



The impact

When Green AI strategies are applied across systems, data, and intelligence, the results are both measurable and meaningful, driving real reductions in energy use and emissions while improving performance.

- Up to **76%** reduction in AI training energy through efficient data practices
- Up to **30%** lower infrastructure emissions via renewable cloud architectures
- Real-time** edge decision-making for faster, low-energy performance

Sustainable intelligence isn't just possible, it's already here.

How NCS enables sustainable intelligence

Artificial intelligence (AI) has rapidly transitioned from a theoretical innovation to a transformative force reshaping industries, economies, and organisational strategies.

Cloud & Infrastructure

Modern, renewable-ready architectures



Data & AI

Energy-aware analytics and governance frameworks



Edge & IoT

Decentralised intelligence for smarter operations



Sustainability by Design

Embedding environmental metrics into every stage of transformation



Together, we can make Green AI a reality.

Partner with NCS to build energy-aware, intelligent systems with technology that is both a driver of progress and a guardian of the planet.



Contact us now