

TCS Intelligent Urban Exchange™ 4.0 for emission insights: Actionable emissions insights for sustainable business transformation



From emissions data to business intelligence

Organisations today are under increasing pressure to accurately measure, report, and reduce greenhouse gas (GHG) emissions. Regulatory requirements are evolving, stakeholders demand transparency, and sustainable practices are becoming a core business differentiator.

It can often be a missed fact that the data behind such sustainability agendas can deliver tremendous value. However, most enterprises face a critical challenge—emissions data is fragmented across systems, suppliers, and value chains, making reporting complex, time-consuming, and error-prone.

TCS Intelligent Urban Exchange™ enables organisations to move beyond compliance reporting to truly actionable emissions insight—transforming complexity into clarity. Insight into impact.

Why actionable emissions insights matter

Traditional emissions reporting answers **“what happened”**.

Modern enterprises need to understand **“what next”**.

Actionable-emissions-insights empower businesses to:

- Make data-driven decisions to reduce emissions and optimise operations
- Identify high-impact decarbonisation opportunities across the value chain
- Improve transparency and trust with regulators, investors, and customers
- Transition from reactive reporting to proactive sustainability management
- Lay a strong foundation for decarbonisation strategies

End-to-end emissions intelligence across all scopes

TCS Intelligent Urban Exchange™ provides comprehensive coverage across Scope 1, Scope 2, and Scope 3 emissions:

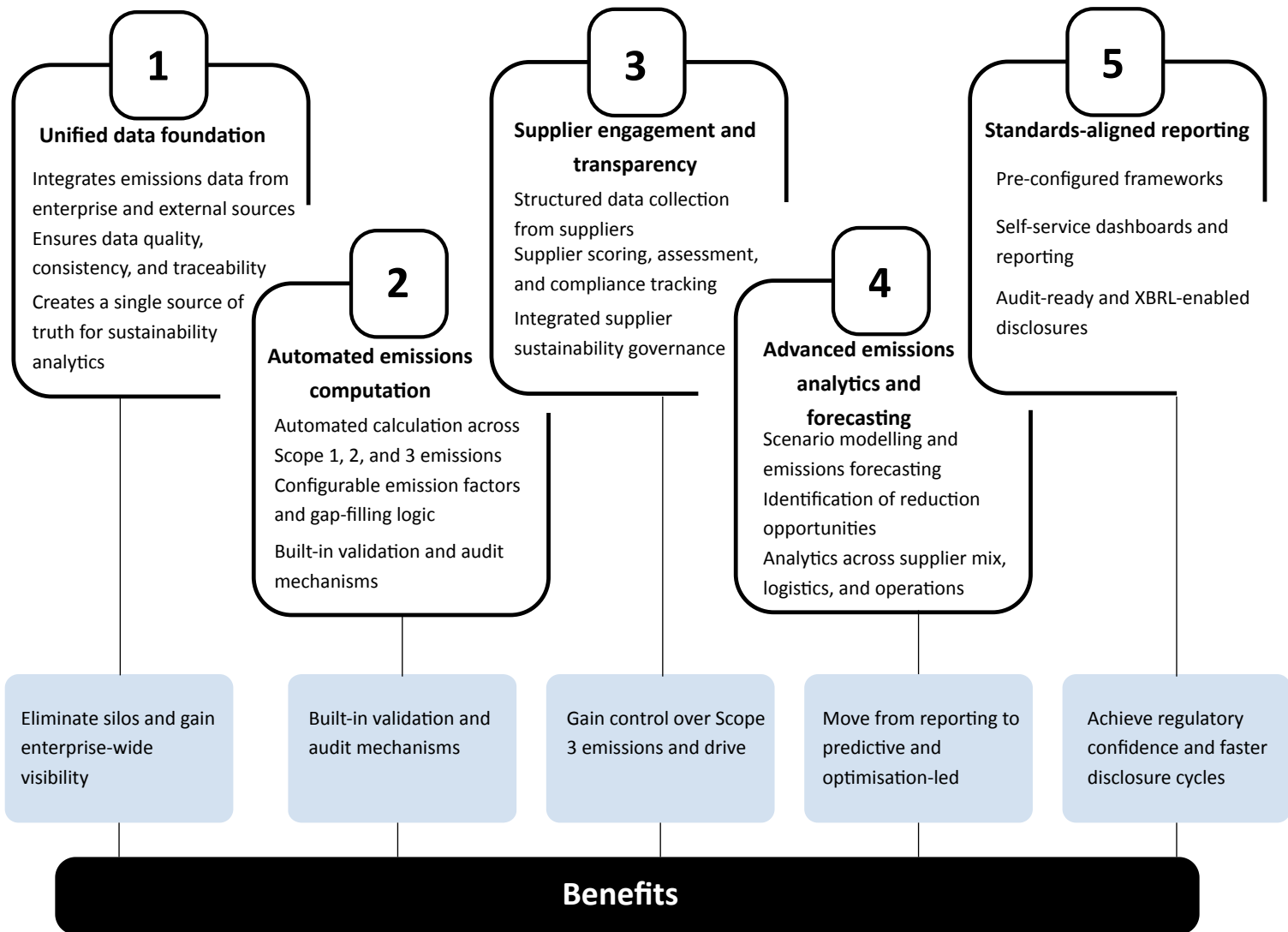
Scope 1: Direct emissions from operations

Scope 2: Indirect emissions from energy consumption

Scope 3: Value chain emissions across suppliers, logistics, and product lifecycle.

With Scope 3 typically representing the largest and most complex share of emissions, IUX delivers visibility, control, and traceability across even the most distributed ecosystems whilst providing comprehensive coverage across all Scope 3 emission categories.

Turning data into action: How TCS Intelligent Urban Exchange™ delivers insight



The power of actionable insight

With IUX, emissions data becomes a strategic asset, delivering:

- Real-time visibility into emissions across operations and the value chain
- Actionable insights to prioritise decarbonisation initiatives
- Informed financial and operational decisions tied to sustainability outcomes
- Continuous improvement through predictive modelling and scenario planning

Business impact

Organisations using IUX for emissions insight can achieve:

- Accurate, auditable emissions reporting across all scopes
- Significant reduction in manual effort and reporting complexity
- Enhanced supplier transparency and engagement
- Improved decision-making with data-driven sustainability insights
- Regulatory-ready, future-proof sustainability disclosures

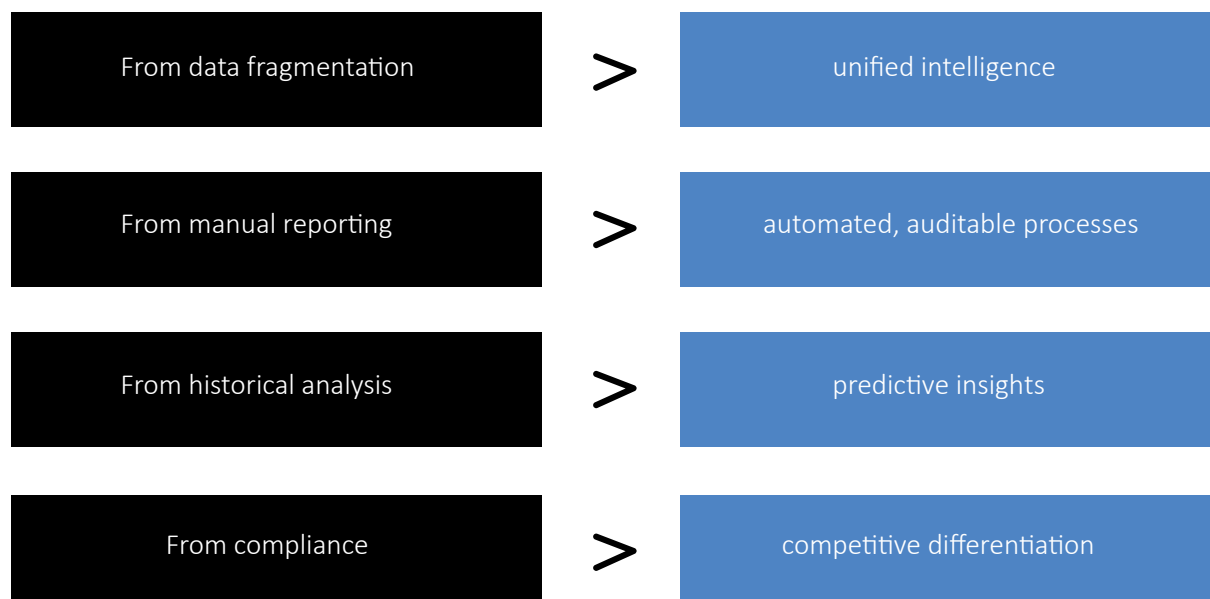
Built for enterprise scale and future readiness

IUX is designed with a cloud-agnostic, API-led architecture, enabling seamless integration with ERP systems, operational platforms, and external data sources—without disruption to existing technology landscapes.

Benefit: Rapid deployment, scalability, and future-proof integration

From compliance to competitive advantage

TCS Intelligent Urban Exchange™ transforms emissions management from a compliance exercise into a strategic capability:



Contact

Visit the <https://www.tcs.com/what-we-do/products-platforms/tcs-intelligent-urban-exchange> page on <https://www.tcs.com>

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About Tata Consultancy Services Ltd (TCS)

Tata Consultancy Services (TCS) (BSE: 532540, NSE: TCS) is a digital transformation and technology partner of choice for industry-leading organizations worldwide. Since its inception in 1968, TCS has upheld the highest standards of innovation, engineering excellence and customer service.

Rooted in the heritage of the Tata Group, TCS is focused on creating long term value for its clients, its investors, its employees, and the community at large. With a highly skilled workforce spread across 55 countries and 202 service delivery centers across the world, the company has been recognized as a top employer in six continents. With the ability to rapidly apply and scale new technologies, the company has built long term partnerships with its clients – helping them emerge as perpetually adaptive enterprises. Many of these relationships have endured into decades and navigated every technology cycle, from mainframes in the 1970s to Artificial Intelligence today.

TCS sponsors 14 of the world's most prestigious marathons and endurance events, including the TCS New York City Marathon, TCS London Marathon and TCS Sydney Marathon with a focus on promoting health, sustainability, and community empowerment. TCS generated consolidated revenues of over US\$30 billion in the fiscal year ended March 31, 2026. For more information, visit www.tcs.com

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