From outer Space to your workspace:

Unlock the power of satellite data for your business

EY
Building a better working world

EY Space for Earth

EY Space for Earth is an easy-to-use tool that harnesses the power of satellite data and artificial intelligence to drive smarter decisions and better business outcomes.

Developed by the EY Space Tech Lab, EY Space for Earth gives organisations unprecedented visibility across their operations to transform decision-making, optimise performance and accelerate innovation. In a complex landscape, businesses must be proactive in managing risk and compliance and better data is critical.

EY Space for Earth is an intuitive business intelligence platform that seamlessly integrates Earth Observation data with machine learning and AI. With its user-friendly interface, our tool can be easily integrated with existing systems, and does not require any specialist knowledge to use. Whether a small startup or a large corporation, every organisation has the ability to revolutionise their operations and unleash the full power of Space Tech.

Key transformational capabilities include:

Virtual site inspections
EY Space for Earth offers virtual asset inspections in even the most challenging locations, enabling accurate monitoring, impact assessment and risk prediction. Proactive maintenance prioritisation reduces costs, minimises disruptions, and enhances safety. Impact assessment validates claims and quantifies maintenance and repair activities with ease.

Disaster and climate resilience
EY Space for Earth calculates the impact of climate events on assets and landscapes, enabling organisations to identify new risks, enhance disaster preparation and preparedness activities, accelerate recovery efforts, and prioritise worker and community safety.

ESG performance monitoring
With EY Space for Earth, organisations gain deeper insights into habitat health, revegetation progress, and emissions – facilitating transparent, accurate climate and environmental performance monitoring and supporting organisations to activate and deliver on their ESG and decarbonisation agendas.

EY Space for Earth in action

Example applications delivering real value for our clients:

Protecting scarce water resources
Dramatically reduce the time needed to find and fix leaking water pipes and identify water anomalies and risk areas for flooding.

Keeping rail safety on track
Increase the safety and efficiency of rail maintenance through virtual, interactive site visits of any section of rail track to spot potential risks caused by vegetation or water.

Maintaining reliable power supply
Improve effectiveness of vegetation maintenance around critical infrastructure like powerlines and transmission towers, through mapping assets, detecting encroaching vegetation, identifying bushfire risks and prioritising remediation based on threat level, network and fieldwork constraints.

Reframe your future

Technology developed for Space allows us to reimagine how we do business on Earth. EY Space for Earth gives any organisation easy, cost-effective access to this innovation, to reframe their own future through:

Enhanced operational performance	Stronger risk management and foresight	Accelerated innovation
Fresh perspectives can solve old challenges. EY Space for Earth brings new solutions to long-standing operational and productivity challenges and enables more informed decision-making through actionable insights – ultimately driving an competitive advantage for your business.	How an organisation manages risk, across assets, infrastructure and ESG impact, is increasingly linked to its ability to operate successfully. EY Space for Earth enables smarter, earlier decisions that strengthens risk performance and identifies opportunities to create more value.	EY Space for Earth embeds advanced technology and data analytics at the heart of an organisation, accelerating innovation across the business.

Why EY?

EY Space for Earth is built on our deep sector knowledge, and ongoing investment in data and technology. The solution developed by the EY Space Tech Lab, that includes business leaders, remote sensing experts, technology engineers and AI specialists, is an industry first.

Solutions that meet your needs

EY Space for Earth delivers business-focused solutions that can be tailored to specific sectors, including power and utilities, logistics and transport, mining, insurance, and defence. For a demo or discussion, please contact us.

Contacts

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