TCS’ sustainability solutions

Building a greater, sustainable future for all
We believe the only future is a sustainable future

Sustainability and purpose-driven businesses are important, now more than ever. To run a sustainable business in a world that is changing rapidly, businesses need to be resilient, adaptable, and make sustainable choices today for a better tomorrow.

Focusing on damage control and mitigation is not enough. It’s time now to move to regeneration, and from a reactive mindset of “doing less harm” to a proactive one of “doing more good.” By doing so, businesses can create positive outcomes for themselves, their people and customers, and the planet.
We believe in using tech innovation to drive meaningful change for the world

We are committed to empowering businesses to meet many new and old sustainability challenges.

**Increasingly scarce resources**
Economic development is driving demand, and the cost of resources. We will need the resources of 5 Earths to meet the world’s resources need every year if everyone lived like the average US citizen.

**Investor demands**
Investors are looking at sustainability performance when evaluating a company’s potential for future returns. No wonder global ESG assets are on track to exceed $53 trillion, or more than 1/3rd of the projected total assets under management, by 2025.

**Sustainability-conscious customers**
Customers are showing a preference for greener companies, forcing many to change their business models. A WEF report shows 66% of all respondents to a survey and 75% of millennial respondents said they consider sustainability when making a purchase.

**Tighter regulations**
Government and industry regulations, and climate pacts such as phasing down of coal usage, reversing deforestation, and just transition as agreed in COP26, and net-zero commitments of the Paris Accords mean a significant change in the current ways of doing business.
No single organization can create a sustainable future alone but together we can...

Build resilience and grow through change
Ride the waves of economic and environmental disruption, and grow sustainably

Create equal opportunities
Build solutions that address the needs of the disadvantaged and the marginalized

Create better ways of working and living
Enable more sustainable, flexible opportunities for people to work from wherever they want.

Nurture future generations
Secure the planet for posterity; provide access to knowledge and resources to improve the quality of life for future generations.

Provide sustainable choices
Give individuals greater choice and control over how and where they live, and connect with the world around them.
...Drive sustainability across four horizons

- **Nurture regenerative economies**
  that empower self-reliant, local communities.

- **Drive sustainable living**
  by fostering sustainable life experiences and consumption.

- **Create sustainable value chains**
  in your sphere of influence through collaboration with partners, suppliers, etc.

- **Build a sustainable business**
  with the agility, resilience and capabilities to innovate and create products and services that are kinder to the planet.
We can take you closer to your sustainability goals

Whether it’s measuring and monitoring your sustainability investments; de-risking and monetizing them; automating and scaling; or just communicating your efforts. With our 200+ offerings, we can help you:

- Manage **climate change** and preserve natural resources.
- Embed **circularity** in your products and services.
- **Nurture** your workforce and empower **human capital**.
- Build an **inclusive, regenerative** and thriving society.
- **Innovate** for social and environmental impact.
- Drive **transparency** with all stakeholders.

Know more about TCS’s 4 horizons approach to Creating a Sustainable Organization and chart your course to Embracing Regenerative Economics for a Sustainable Future.
Manage climate change and preserve natural resources

Combating climate change and its adverse effects is an urgent imperative. TCS can enable your journey toward creating net-zero pathways and decarbonizing energy systems with our solutions such as TCS Clever Energy™ and TCS Digifleet.

The alarming pace at which natural resources are getting depleted makes it more important than ever to preserve and restore for the future. We can assist you in restoring natural capital and water stewardship through our breakthrough solutions such as TCS IUX: Smart City Solutions and TCS Digital Farming Initiative: Earth to Cloud.

TCS helps ENGIE transition to zero carbon

Together with TCS, the energy major set up a next-gen, cloud-based IT ecosystem by migrating and modernizing its applications in the cloud. The move is accelerating ENGIE’s journey to becoming a future-ready organization and helping it:

- Lead the zero carbon transition across the world
- Deliver projects faster with better integration of the enterprise’s IT and business operations

Learn more.
In a world where resources are limited, any form of waste is criminal. Exactly why following a closed-loop, cradle-to-cradle principle is critical. TCS can help you embed circularity in your business by enabling a life cycle approach, supplier sustainability, sustainable mobility and reuse, recapture and recycling through our solutions such as TCS Sustainable by Design and TCS ENVIROZONE™.

Helping logistics solutions provider PostNord take the road to sustainability

COVID-19 drove home the importance of sustainable supply chains and data-driven logistics.

TCS helped logistics company PostNord reimagine its entire product transportation and packaging business to make it more sustainable.

Learn more.
Nurture your workforce and empower human capital

It’s proven—organizations that embrace people of all backgrounds, genders, and abilities do better on all economic parameters compared with their peers. Companies have a responsibility toward the health, safety, welfare, education and enablement of human capital within their own organization and across their value chain. Our solutions such as TCS Connected Worker Solution and TCS Accessibility suite: Technology for Disabled can help.

Agriculture major ensures employee safety with TCS Connected Workforce Safety solution

When COVID-19 hit, more than 50 employees of a global agriculture major tested positive for the virus. Plant operations were affected and ensuring a healthy work environment was a challenge. TCS Connected Workforce Safety solution helped the company leverage IoT to create a digital fence around its workplace, and implement protocols to set industry standards for health and safety. The result? A safer workplace for all employees.
Build an inclusive, regenerative and thriving society

Stakeholder capitalism entails taking measures to help every single stakeholder thrive. There are immense opportunities in this space for all organizations, be it in driving solutions for smart cities, senior citizens, disabled, or the economically disadvantaged. TCS can help you become community stewards, and enable just transition and equitable access for all through our solutions such as **TCS iON**.

Helping the government provide health cover to India’s poorest

The Pradhan Mantri Jan Arogya Yojana (PM-JAY) is the world’s largest fully funded health insurance scheme covering 500 million people. As partner to the Indian government on the initiative, TCS designed a highly configurable, cloud-based solution architected for usability, scalability, high performance and security, supporting sophisticated analytics to detect fraud.

The solution has already made a difference to more than 5 million beneficiaries.
Innovate for social and environmental impact

Today’s solutions will not solve tomorrow’s problems. So, it is imperative that we invest in research and development. Not just that, collaborating with ecosystem partners, academia, startups, government bodies, and like-minded thought leaders, futurists and technologists is a must to innovate for a sustainable tomorrow. TCS Pace™ and TCS Interactive can accelerate sustainability innovation and unlock new growth for you.

Energy major Total is ushering in “The Refinery 4.0”

The oil and gas giant is setting up a digital innovation center in partnership with TCS to find new low-carbon energy processes and meet their health, safety, security and environmental goals in refinery management.

Helping seniors shine on

Yes, that is what TCS and the Singapore Management University are doing with SHINESeniors. Leveraging discreet monitoring and assistive technologies at around 100 local Housing Development Board apartments in Singapore, the pilot is helping the elderly stay independent, while addressing their wellness needs.

PETRONAS and TCS empowering young entrepreneurs to create an impact with SEEd.Lab

Together, PETRONAS and TCS are nurturing young graduates and budding entrepreneurs on their innovation journey to develop, scale and grow a social enterprise from ideation to commercialization with SEEd Lab (Social Enterprise Education Lab). Learn how we are helping the youth address social pain points and create a positive impact on our communities.

Learn more.
Drive transparency with all stakeholders

Increased focus on Environmental, Health, Safety and Social (EHSS); risks of litigation, along with regulatory and stakeholder requirements, are driving organizations to strategically manage reporting, governance and compliance across all stakeholder groups on material topics. TCS can help you with mandatory compliance management and voluntary sustainability reporting and governance through our TCS ESG Integration suite of products.

A partnership for sustainable growth

See how GRI partnered with TCS to make sustainability reporting more accessible and adaptable for businesses worldwide.

Learn more.
Awards and accolades

FTSE4Good

Contact
To know more about our Sustainability Solutions, reach out to us at corporate.sustainability@tcs.com

About Tata Consultancy Services Ltd (TCS)
Tata Consultancy Services is a purpose-led transformation partner to many of the world’s largest businesses. For more than 50 years, it has been collaborating with clients and communities to build a greater future through innovation and collective knowledge. TCS offers an integrated portfolio of cognitive powered business, technology, and engineering services and solutions. The company’s 509,058 consultants in 46 countries help empower individuals, enterprises, and societies to build on belief.

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