

ENERGY TRANSITION NOW





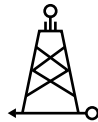
BUILD
TOMORROW
NOW

ENERGY TRANSITION NOW

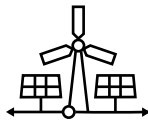
The rise in climate consciousness has significantly shifted consumers' preferences toward sustainable businesses. And to stay relevant and find the way to the future, businesses need energy transition now.

It's time for organizations to embrace sustainability and pursue net zero goals to meet growing demands and lead the change toward a better future.

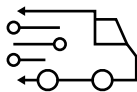
Energy generation
will shift to renewables



Electricity will be the
dominant energy currency

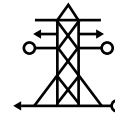


Sustainable logistics will
redefine supply chains



ENERGY TRANSITION

Market
opportunity for
the next 20-30
years



Complex energy landscapes
will need modern grids



Consumer demand for
clean energy solutions
will increase

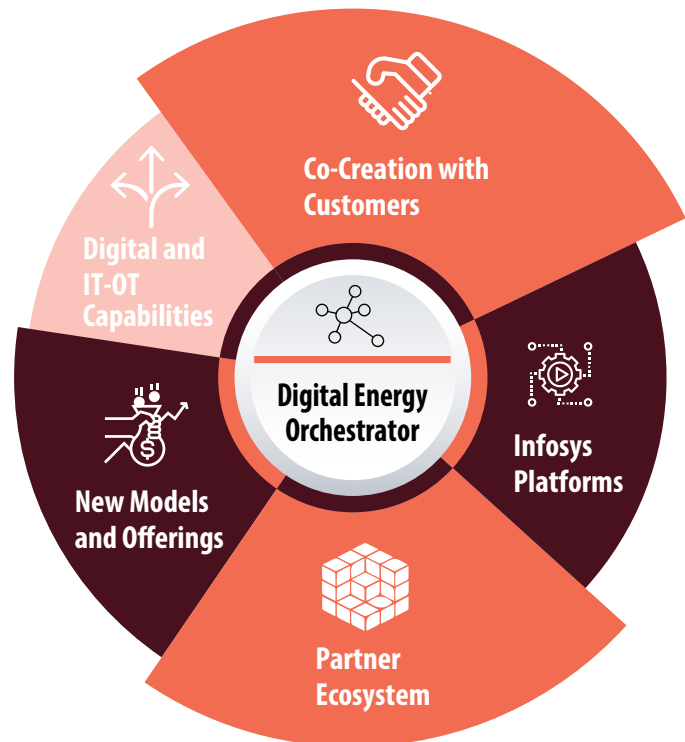


Scaling biofuels and green
hydrogen will become
a necessity

YOUR DIGITAL ENERGY ORCHESTRATOR

Having achieved carbon neutrality 30 years prior to the timeline set by the Paris Agreement, Infosys brings a wealth of expertise and solutions to support your sustainability journey. We are the digital energy orchestrator, here to empower companies to transition toward a greener future.

Discover our **six pillars** of change and transform the way you move to a sustainable future

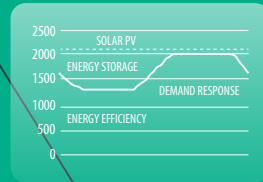


ENERGY TRANSITION PILLARS

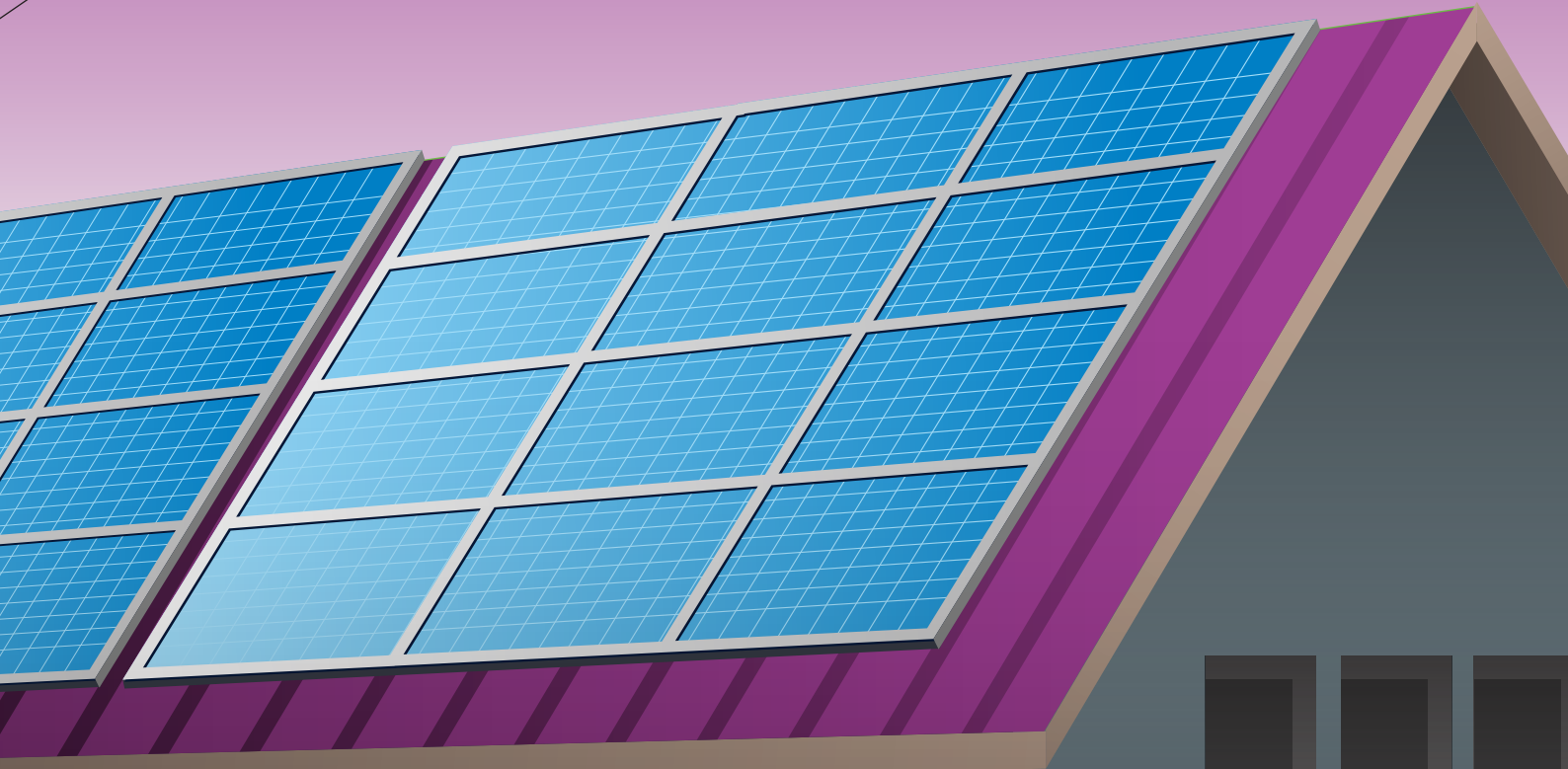
-  NEXT-GEN GRID
-  SUSTAINABLE TRANSPORTATION
-  CARBON MANAGEMENT
-  RENEWABLES AND STORAGE
-  NET ZERO AND SUSTAINABILITY
-  SMART ENERGY SOLUTIONS

PILLAR 1

MOVE THE MIX TO SMARTER



50%
ENERGY FROM
RENEWABLES



**IMPROVE
DISTRIBUTION
NOW**

NEXT-GEN GRID

As energy systems evolve, traditional grids struggle to keep up with the bidirectional and intermittent energy flows from distributed energy resources. To get ahead of potential congestion issues now, and secure safety and reliability, public utility companies must embrace

the grids of the future. Infosys' next-gen solutions can help you make the shift to smarter, more efficient energy systems that meet the demands of today and tomorrow.

**Grid Modeling, Planning
and Modernization**

**Grid Resilience and
Safety Improvements**

**Advanced Distributed
Management Systems**

**Distributed Energy
Resources Management**

**Vegetation
Management**

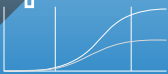
PILLAR 2

MAKE THE SWITCH TO CLEANER

OPENED REVENUE
STREAMS IN A NEW
LINE OF BUSINESS



ENABLING
EXPONENTIAL
EV ADOPTION





EVSE ONBOARDING

**ENHANCE
MOBILITY
NOW**

SUSTAINABLE TRANSPORTATION

In today's business landscape, sustainable practices are becoming increasingly important as companies seek to reduce their carbon footprint. Electric vehicles are a crucial part of this transition, but to fully embrace this change, organizations must also focus on supporting

charging infrastructure and power grid capacity.

Infosys provides a comprehensive range of sustainable transportation solutions to help your company stay ahead of the curve and achieve your future mobility goals.

**EV Charge
Enablement**

**EV Infrastructure
Management**

**EV Fleet
Management**

**EV Consumer
Analytics**

**Vehicle-to-Grid
and Grid-to-Vehicle**

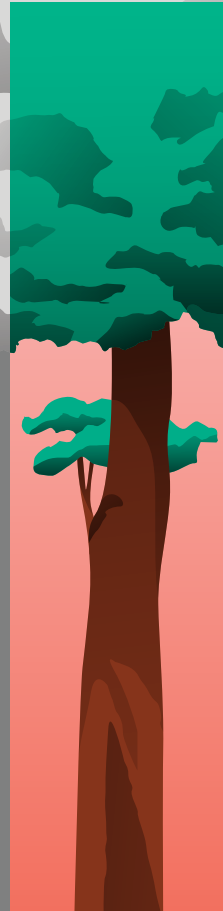
PILLAR 3

LEAD THE CHANGE TO GREENER



100%
CARBON-FREE
ENERGY BY 2045

€ 27 BILLION
IN ENERGY
TRANSITION
UNTIL 2026



CARBON CAPTURE UTILIZATION
AND STORAGE SOLUTION





CARBON CREDIT TRADING

**REDUCE
EMISSIONS
NOW**

CARBON MANAGEMENT

The world is waking up to the urgency of lowering greenhouse gas emissions, and it's time for your organization to look for ways to measure, monitor and control its carbon footprint.

To help you tackle this challenge, Infosys offers a range of sustainable solutions and services designed to track and optimize your operations, so you can start your journey toward a greener future.

**Natural Gas Exploration,
Production and Transport**

**LNG Operations
and Supply Chain**

**Open-Source Data
Universe: Open Footprint**

**Carbon Capture/Storage - Enhanced
Oil Recovery, CO2 Reservoirs**

**Data Analytics and Reporting
Platform for CCUS, Renewables**


PILLAR 4

FUEL THE WAY TO BRIGHTER

GRID RESOURCES
ORCHESTRATION





13 MPH 
WIND SPEED IOT
SENSOR

**OPTIMIZE
STORAGE
NOW**

RENEWABLES AND STORAGE

The shift to a low-carbon economy is enabled by renewable energy resources and energy storage systems. However, distributed energy resources (DERs) are characterized by variable generation, remote locations, and customer ownership, making traditional

centralized generation and storage management methods insufficient. To address this challenge, Infosys offers you integrated solutions designed to meet the needs of DERs at the grid's edge.

**Advisory Services,
Solar, Wind and Biogas**

**Renewables Integration,
Monitoring and Maintenance**

**Energy Storage
Systems**

**Biofuels and Hydrogen
Set Up and Monitoring**

**C&I Green Energy Integration
and Storage Enablement**

PILLARS

DRIVE THE PATH TO BETTER



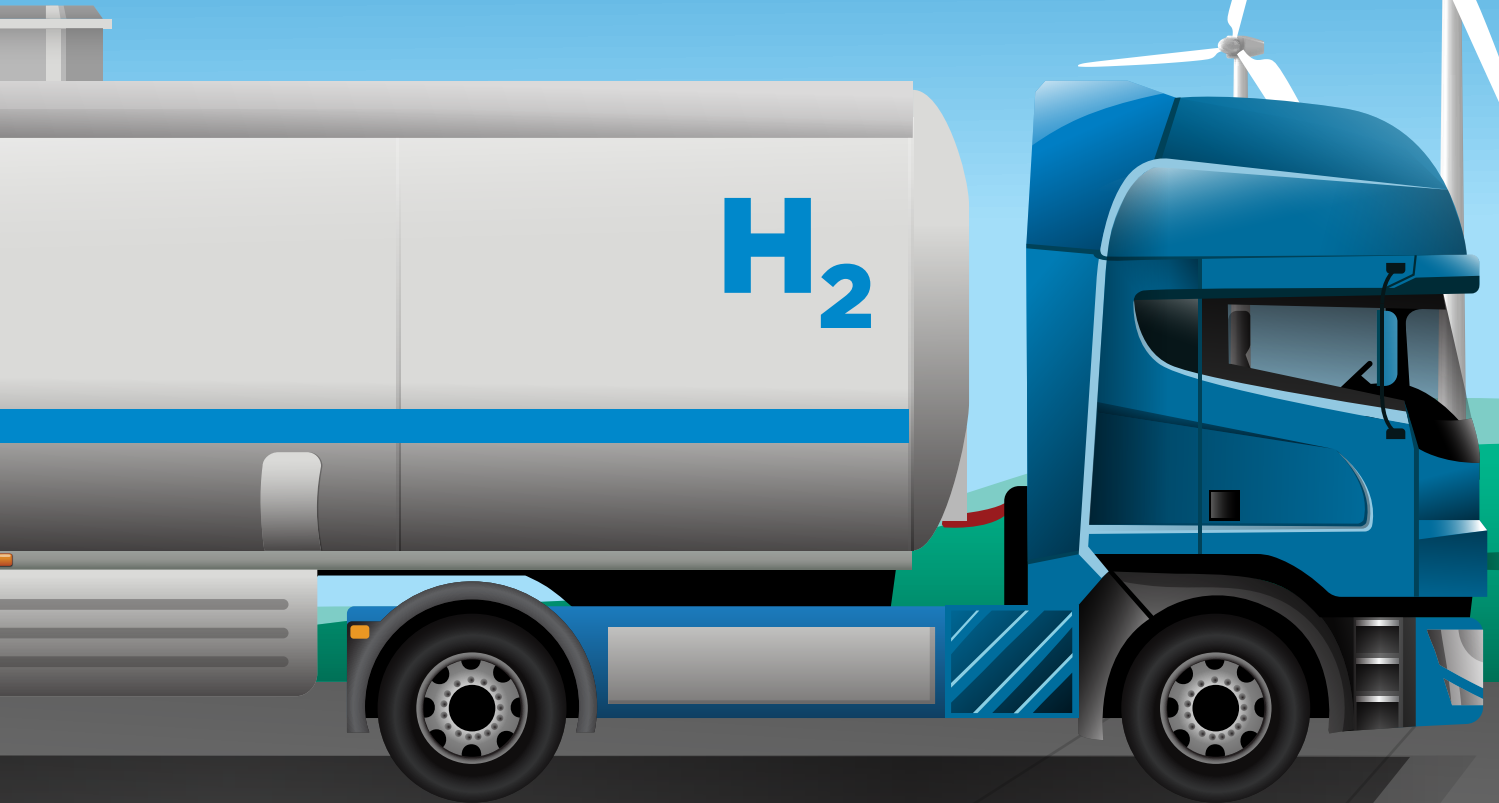
REDUCING CARBON
EMISSIONS FOR
ENTERPRISES TO
ACHIEVE THEIR
NET ZERO GOALS



QUANTIFYING OUTCOMES



SUSTAINABLE SOURCING



CHOOSE
RESPONSIBILITY
NOW

NET ZERO AND SUSTAINABILITY

With the world moving toward energy transition to tackle the detrimental impacts of climate change, it has become imperative for organizations to adopt sustainable practices to reduce their carbon footprint.

At Infosys, we offer sustainability advisory services coupled with analytics and technology platforms that can help you achieve your net zero goals while keeping your business operations streamlined.

**Sustainable Sourcing,
Traceability and Transparency**

**Circular Product
Lifecycle Management**

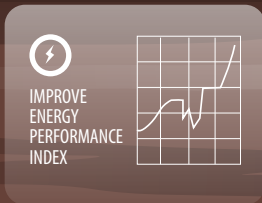
**Energy Efficiency
Management**

**Sustainability Strategy Guidance
and Performance Improvement**

**Digital ESG Analytics
and Carbon Offsetting Platform**

PILLARS

POWER THE SHIFT TO LEANER





GREEN DATA CENTER
AS A SERVICE

**REALIZE
OUTCOMES
NOW**

SMART ENERGY SOLUTIONS

The global energy paradigm is evolving fast, and enterprises must adapt to smarter energy solutions and newer business models. By leveraging 5G and IoT sensors with telemetry, cloud and AI/ML, seamless data access and sharing are made possible.

At Infosys, we collaborate with industry partners to co-create new-age energy efficiency solutions for commercial buildings, telecom infrastructure, and data centers, among others.

**HVAC and
EV Charging**

**Data Center
Optimization**

**DER
Management**

**Improved Reliability
and Resilience**

**Supply Management
and Maintenance**

**OUR
PARTNER
ECOSYSTEM**

At Infosys, we partner with an extensive network of experts from different industries to deliver energy solutions to businesses. From analyzing universal industry challenges to understanding unique business

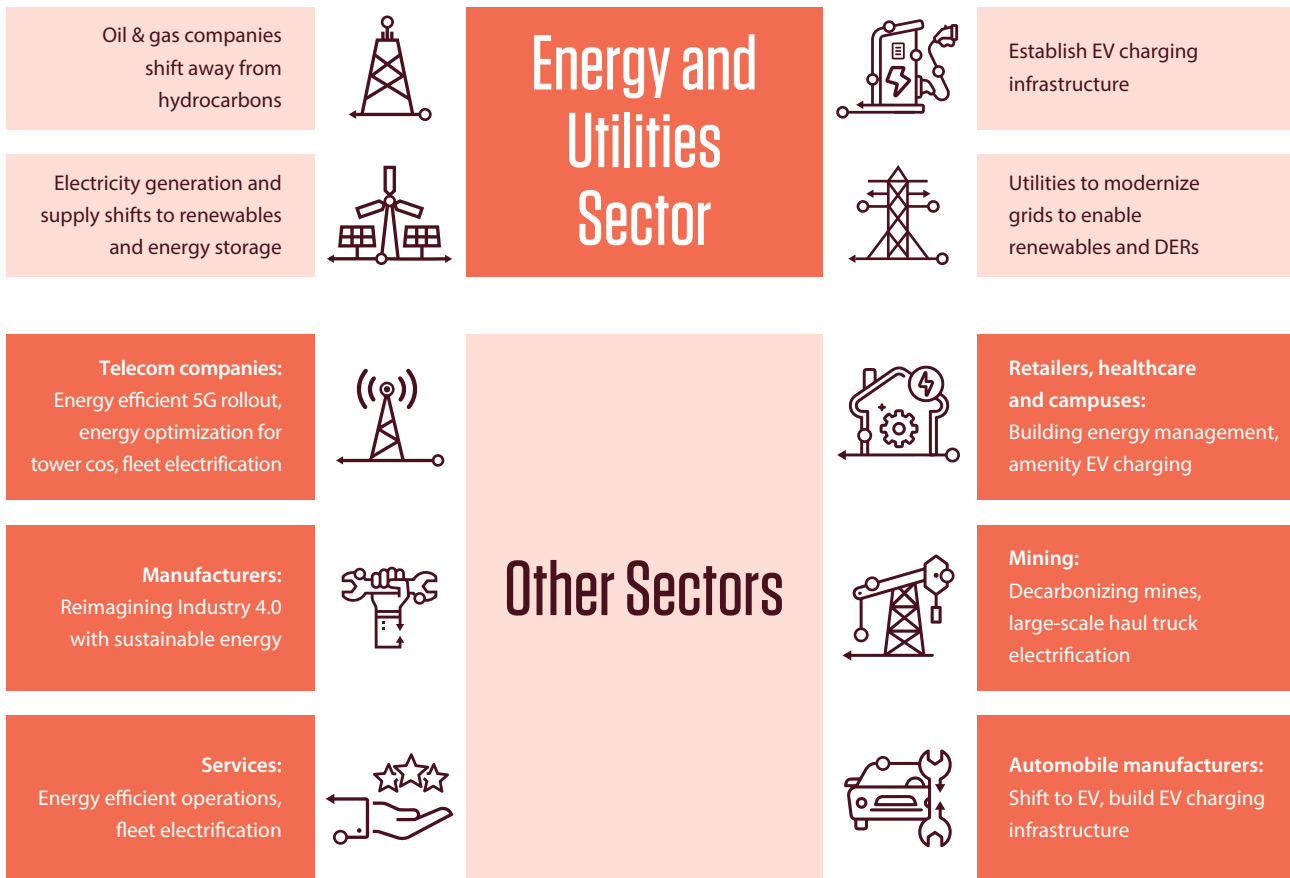
requirements, it is our shared vision for a greener tomorrow that drives us to create future-focused solutions that can enable you on your sustainability journey.



**AN INDUSTRY
AGNOSTIC
EVOLUTION**

Transitioning to cleaner sources of energy has become the need of the hour, globally. While the energy and utilities sector plays a major role in setting up and

modernizing infrastructure, other industries must build energy transition into their core business strategy to grow efficiently and sustainably.



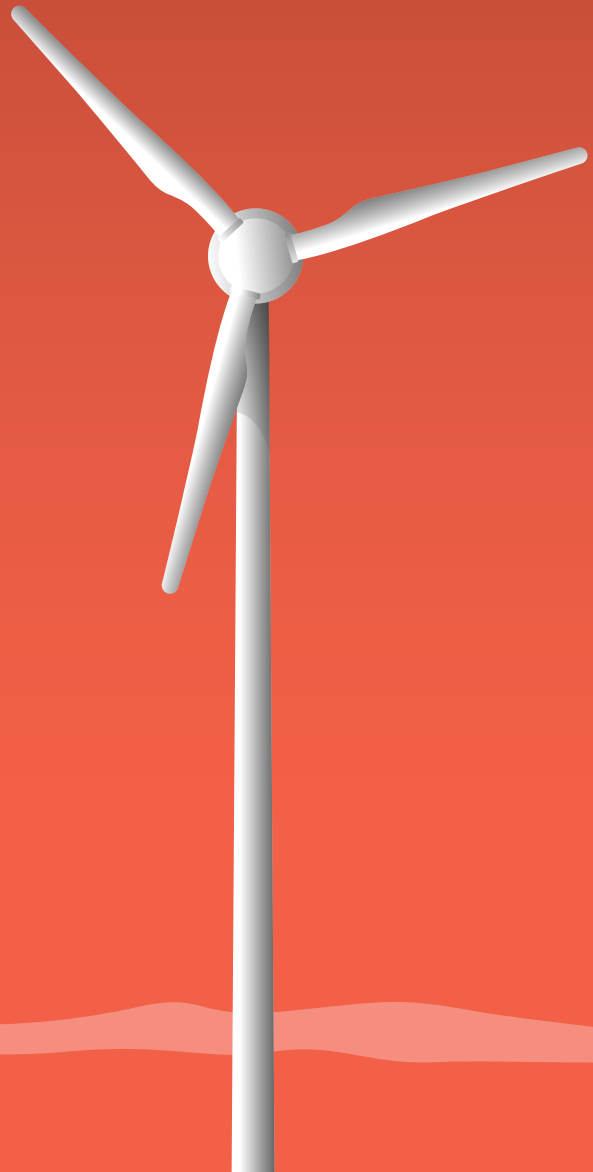


FOR A
BETTER
FUTURE

LEAD THE
CHANGE
NOW



Infosys.com/EnergyTransition





ENERGY TRANSITION NOW

For more information, contact askus@infosys.com

Infosys[®]
Navigate your next

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