



GLOBAL SUMMIT 2023



UNLOCKING SUSTAINABILITY: G20 PRESIDENCY PAVES THE WAY FOR AN ESG-DRIVEN NEW WORLD ORDER

Opportunities for MSMEs and Entrepreneurs in achieving net-zero goals

Net Zero Everywhere!

Apple commits to be 100 percent carbon neutral for its supply chain and products by 2030

🕒 🐦 ✉️ 🔗

Already carbon neutral today for corporate emissions worldwide, the company plans to bring its entire carbon footprint to net zero 20 years sooner than IPCC targets

COP26: India PM Narendra Modi pledges net zero by 2070

🕒 2 November 2021

🔗 COP26



Climate change: China aims for 'carbon neutrality by 2060'

🕒 22 September 2020



IndianOil to go Net Zero by 2046

IndianOil has resolved to achieve net-zero operational emissions by the year 2046. The plans encompass both Scope 1 & 2 emissions. Mr Shrikant Madhav Vaidya, Chairman, announced this during the Company's 63rd Annual General Meeting, held on 25th November 2021. This announcement coincides with India completing 99 years of independence and the celebration of its 75th anniversary. This historic declaration by the country's energy major, aligns with India's net zero commitment as part of the Panchamrit goals by the Hon'ble Prime Minister at the COP-26 Summit in Glasgow.

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The Climate Pledge

The Climate Pledge is a commitment to reduce greenhouse gas emissions by 2040—10 years ahead of the Paris Agreement. Amazon co-founded The Climate Pledge in 2021, joining a global sector community of companies, organizations, and governments working together to address the challenges of decarbonizing our economy.

Climate change: EU aims to be 'climate neutral' by 2050

🕒 28 November 2018



Net Zero Meaning

- Every human activity generates emissions - directly or indirectly
- These emissions can be reduced using low-carbon and energy-efficiency technologies
- Any residual emission can be neutralized using natural approaches like restoring forests or through technologies like CCUS
- Urgent need to totally mitigate or neutralize carbon emissions

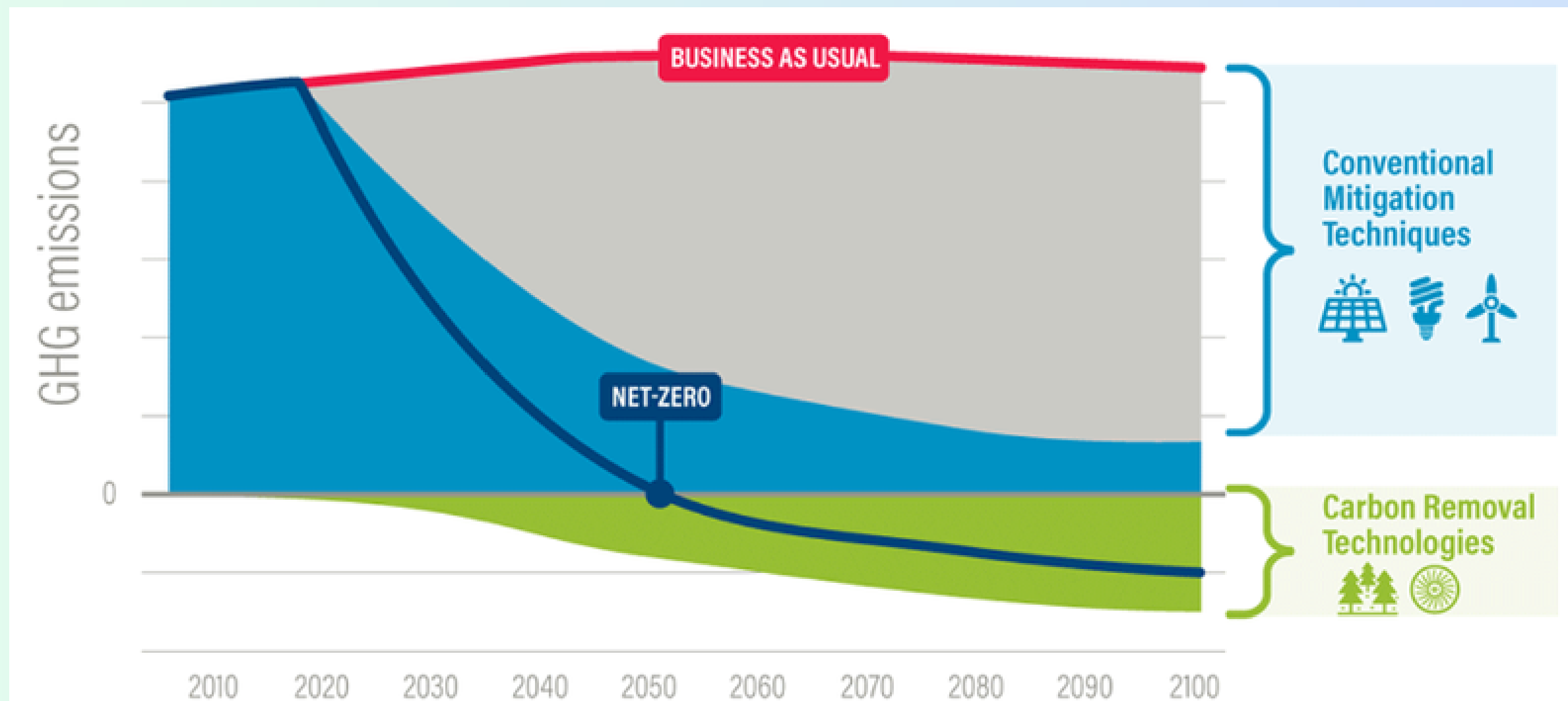


Image Source: WRI

Where is the industry headed?

- The value chain has multiple stakeholders and each one contributes to the total carbon emissions
- The emission reduction burden will fall on every stakeholder
- Emission reduction will start from the end product and will move up the value chain
- Decarbonizing the value chain will take efforts from all stakeholders
- Customers and investors already prefer products and companies with lower emission footprint
- With carbon markets stabilizing, domestic and international regulations, focus will be on adapting low carbon and energy efficiency technologies



Challenges

- Low carbon and energy efficiency technologies still developing
- Lower awareness of emerging technologies
- Emerging technologies not suitable for small-scale operations
- Cost of transition high for small-scale industries
- Technology inertia

~~Challenges~~ Opportunities

- Opportunities for the development of low-carbon and energy-efficiency technologies
- Higher potential for emerging technologies
- Significant scaling potential for small-scale operations
- Amazing opportunities in climate finance
- Opportunity to take the domestic products to the international markets and compete globally

Low carbon economy

- Parallel to the financial systems
- Carbon auditing, accounting, reporting, and monetization
- A major factor in making investment decisions by retail and institutional investors
- With climate finance worth trillions USD, emission reduction will be the focus for traditional financial institutions
- A low-carbon economy can play a major role in making India a global leader

Mantra for India@2047

Upskill | Upgrade | Innovate

Thank you
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