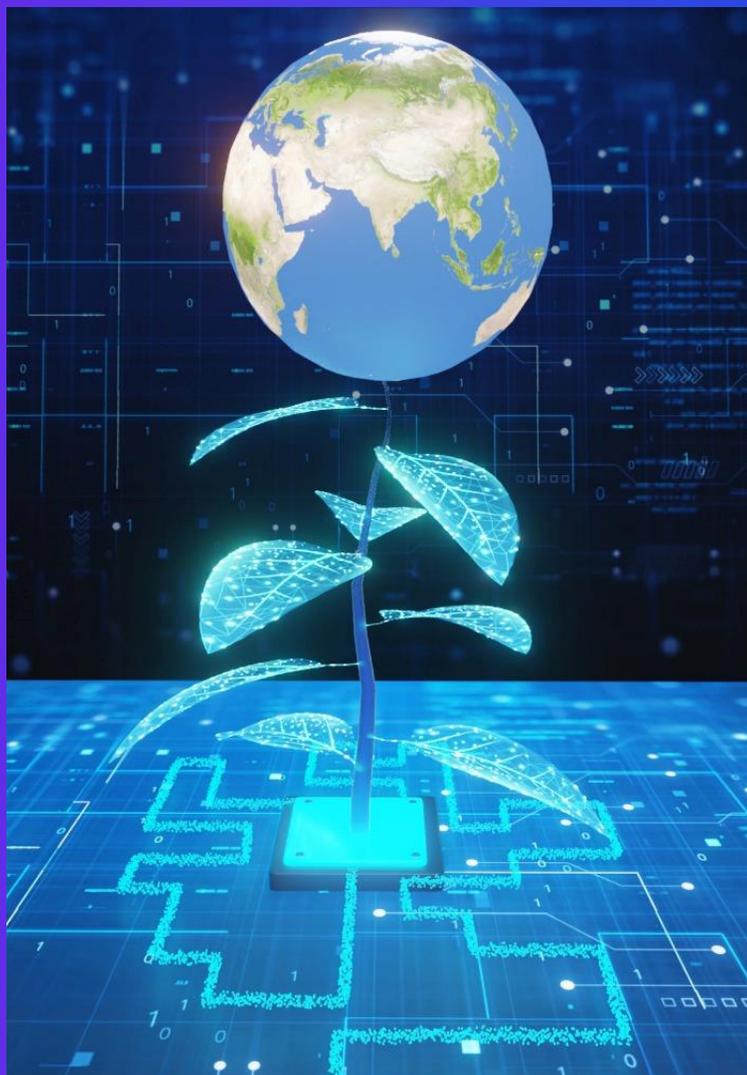




ENRich 2023

Growing with less



New Delhi

—

10-11 October 2023

“Legacy is not what I did for myself. It's what I'm doing for the next generation.”

Vitor Belfort

Source: Interview to USA Today on 9 May 2018; link accessed on 21 September 2023

Foreword

In a world characterised by increasing population, dwindling resources, and environmental concerns, the concept of 'Growing with Less' has emerged as a logical response, and as our theme for ENRich 2023. It embraces the notion of sustainable development, urging individuals, communities and nations to find innovative ways to thrive, but minimising their impact on the planet.

The concept of 'Growing with Less' holds particular significance in the energy sector, where the need for sustainable and efficient practices is paramount. With the growing demand for energy and the urgent need to mitigate climate change, it becomes imperative to transition to a cleaner and more resource-efficient energy system .

By embracing these principles, we must reduce our dependency on finite resources, curb greenhouse gas emissions, and create a more sustainable and resilient energy system. The transformation of the energy sector is not only an environmental imperative but also an opportunity for innovation, job creation, and a better future for generations to come.

Of course, the dimension of "less" cannot be seen in absolutes. In high growth economies the absolute energy requirements would be higher. However, in relative terms this growth must demand much lesser in terms of energy and resources. With an aim to explore the theme of 'Growing with Less', ENRich 2023 will be held on October 10th & 11th in New Delhi. This year, we kickstart ENRich 2023 with the **Innovation Summit** on the first day, which will feature the Leaders 2050 conclave, a Leaders Forum on the confluence of Policy, Industry, and Academia, a Young Innovators Panel, and the felicitation of the top startups emerging from the ENRich 2023 Startup Search. 11th October, the **Conference Day** will feature high powered panels and fireside chats featuring energy sector veterans from across the globe. The venue will also host an immersive Innovation Kaleidoscope featuring metaverse experiences on energy transition, a showcase of the top startups from the startup search, and more.

Thank you for being a part of ENRich over the years, and I look forward to welcoming you to ENRich 2023.



Anish De

Global Head
Energy Natural Resources and Chemicals (ENRC)
KPMG International

Speakers



Shri Dharmendra Pradhan

Minister of Education, and Minister of Skill Development and Entrepreneurship, Govt. of India



Shri Hardeep Singh Puri

Minister, Petroleum and Natural Gas and Minister, Housing & Urban Affairs, Govt of India



Ajay Mathur

DG, International Solar Alliance



Arun Singh

Chairman and CEO, ONGC



Atanu Chakraborty

Chairperson, HDFC Bank



Chintan Vaishnav

Mission Director, Atal Innovation Mission



Dr. Anil Kumar Jain

Chairperson, Petroleum & Natural Gas Regulatory Board, India



Dr. Leena Srivastava

Head, ACPET, Ashoka University



Eric Ingersoll

Founding Director and Co-CEO, Terraprisis



Gurdeep Singh

CMD, NTPC



Harsh Mariwala

Founder and Chairman, Marico



Jennifer Holmgren

CEO, LanzaTech



Mahesh Kolli

President and Joint Managing Director, Greenko



Navroz Dubash

Professor, Centre for Policy Research



Punit K Goyal

Co-Founder and Chief of Fundraising, BluSmart Mobility



Pankaj Sharma

Co-Founder and Managing Director, Log9 Materials



Radhika Chaudhary

Director and CFO, Ricron Panels



Sashi Mukundan

President, bp India and Senior Vice President, bp group



Siddharth Mayur

Founder, MD and CEO, H2E Power Systems



Sumant Sinha

Chairman and CEO, ReNew



Tarun Kapoor

Advisor to Prime Minister of India



Vishal Kapoor

CEO, EESL

Speakers



Yezdi Nagporewalla

CEO,
KPMG in India



Akhilesh Tuteja

Partner and Head, Clients &
Markets, KPMG in India,
Global Head, Cyber Security



Anish De

Global Head, ENRC,
KPMG International



Amit Bhargava

Partner, Metals and Mining,
KPMG in India



Angie Gildea

NR Regional Co-Leader for
Americas, KPMG in the U.S.



Anvesha Thakker

Partner and Industry Lead, Clean
Energy, KPMG India, Energy
Transition Co-Lead: Global
Decarbonisation Centre (GDC)



Apurba Mitra

Partner, ESG, KPMG in India



Jonathon Peacock

Partner and Global Head, Oil &
Gas, KPMG International



Franceli Jodas

Partner and Global Head, Power &
Utilities, KPMG International



Manas Majumdar

Partner and National Lead, Oil & Gas,
Chemicals, KPMG in India



Matt Cuchra

Partner and Global Nuclear Network
Lead, KPMG International



Mike Hayes

Partner and Global Lead Climate &
Decarbonization, and GDC



Ram Soni

Associate Partner,
KPMG in India



Regina Mayor

Global Head of Clients & Markets,
KPMG International



Sharad Somani

Partner, Advisory and Head of
Infrastructure, Asia Pacific and
Head of KPMG ESG, KPMG in
Singapore



Simon Virley

CB, Vice Chair and Head of Energy,
KPMG in the UK



Trevor Hart

Partner and Global Mining
Head, KPMG International



Vikas Gaba

Partner and National Lead,
Power and Utilities,
KPMG in India

The Innovation Summit

10th October 2023

Hotel Hyatt Regency, Bhikaji Cama Place, New Delhi

1000 – 1100 IST 0430 – 0530 GMT Venue: Family Room	CXO Roundtable on Critical Minerals Security: Path to Greener Future The roundtable is to discuss on India's play, role of stakeholders and major interventions needed
1130 – 1230 IST 0600 – 0700 GMT Venue: Family Room	CXO Roundtable on Greening the chemicals industry: Opportunities and Challenges Views from industry leaders on opportunities and challenges in greening the chemicals sector and key initiatives to gain competitive advantage
1230 – 1330 IST 0700 – 0800 GMT	Networking Lunch
1400 – 1600 IST 0830 – 1030 GMT Venue: Oval Room	ENRich 2023 Launch Leader's 2050 Conference - Preparing for the incognisable future
1615 – 1645 IST 1045 – 1115 GMT Venue: Oval Room	Investing in Innovation: Keynote Address by Shri Harsh Mariwala, Founder and Chairman, Marico Industries
1645 – 1745 IST 1115 – 1215 GMT Venue: Oval Room	Ministerial Session <ul style="list-style-type: none">• Special Address: Dr. Chintan Vaishnav, Mission Director, Atal Innovation Mission and Chair Startup 20 Engagement Group under G20 India Presidency• Release of "Voices"• Ministerial Address: Shri Dharmendra Pradhan, Minister of Education, and Minister of Skill Development and Entrepreneurship, Government of India• Inauguration of KPMG Innovation Kaleidoscope
1745 – 1845 IST 1215 – 1315 GMT Venue: Oval Room	Leader's Forum Policy, Industry, Academia: Collaborating for accelerating energy transition
1845 – 2000 IST 1315 – 1430 GMT Venue: Oval Room	Young Innovators Panel Building responsible and purposeful business for a better future
2000 – 2030 IST 1430 – 1500 GMT Venue: Oval Room	Felicitation of Start Up Search Finalists Felicitation by Shri Ghanshyam Prasad, Chairperson, Central Electricity Authority (CEA)
2030 IST onwards 1500 GMT onwards	Dinner and Networking

Conference Agenda

11th October 2023

Hotel Hyatt Regency, Bhikaji Cama Place, New Delhi

0930 – 1000 IST 0400 – 0430 GMT	Registration and Networking
Inaugural 1000 – 1100 IST 0430 – 0530 GMT	<ul style="list-style-type: none">Opening by ENRich 2023Welcome Address: Yezdi Nagporewalla CEO, KPMG in IndiaOpening presentation: "The world that we are in" Anish De, Global Head - Energy, Natural Resources and Chemicals (ENRC), KPMGSpecial address – Dr. Ajay Mathur, DG, International Solar AllianceKeynote address – Mr. Atanu Chakraborty, Chairman, HDFC Bank
Fireside Chat 1 1100 – 1130 IST 0530 – 0600 GMT	Breakthroughs in the Net Zero journey Dr. Jennifer Holmgren, CEO, LanzaTech, and Simon Virley, OBE, Head of Energy & Natural Resources, KPMG UK
1130 – 1200 IST 0600 – 0630 GMT	Networking / Tea Break
Panel 1 1200 – 1300 IST 0630 – 0730 GMT	Theme: Energy transition and the emergent risks – are we falling behind the curve? <ul style="list-style-type: none">What are the key risks deterring us from achieving our energy transition goals?What requires urgent attention – political economy, technology, finance, skills, or networks?
1300 – 1400 IST 0730 – 0830 GMT	Networking Lunch
Fireside Chat 2 1400 – 1430 IST 0830 – 0900 GMT	Theme: The Journey to Fossil Free: Fireside chat between Sumant Sinha, author & Chairman ReNew and Mike Hayes, Global Head of Renewables & Head GDC, KPMG
Ministerial session 14:30 – 15:00 IST 0900-0930 GMT	Ministerial Session Launch of Thought Leadership Paper Ministerial Address: Shri Hardeep Singh Puri, Minister, Petroleum and Natural Gas and Minister, Housing & Urban Affairs, Govt of India
1500 – 1530 IST 0930 – 1000 GMT	Networking Tea
Panel 2 1530 – 1630 IST 1000 – 1100 GMT	Theme: Investing right in Decarbonization: Identifying critical action theatres for Industry for 2030 goals <ul style="list-style-type: none">What sectors / components of decarbonisation is the priority for sustainable finance?How can the finance flow from the Global North to the Global South be encouraged?
Panel 3 1630 – 1715 IST 1100 – 1145 GMT	Theme: Growing with less – action imperatives <ul style="list-style-type: none">What are the priority areas for investments in short, medium and long term to build a livable planet?Role Multilateral Financial Institutions can play in mitigating the climate challenges, including just transition and climate justice
Closing Session 1715 – 1730 IST 1145 – 1200 GMT	Valedictory

KPMG Innovation Kaleidoscope

KPMG Innovation Kaleidoscope has become a distinctive showcase of ENRich over the years, presenting our point-of-view on information and technology and wide-ranging futuristic applications in the energy sector.

ENRich 2023 will see the KPMG Innovation Kaleidoscope in a brand-new avatar with curated experiences around:



Immersive Metaverse Experience

Showcasing the future of energy in virtual reality along 3 themes:

- Biofuel
- Hydrogen
- Smart Grids.



Bespoke Technology Solutions

Curated solutions for solving real-world challenges:

- Cyber pavilion
- ESG control and command center
- Embodied carbon
- Industry X.0 showcases.



Future of technology Zone

Demonstration of innovative solutions in the energy domain by leading new-age start-ups (curated as part of the ENRich Start-up Search).



Meet and Greet Zone

Dedicated pavilion for networking and engaging with experts across the KPMG network and tech innovators



ENRich 2023
Growing with Less

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The Future Skills Agenda



Self sufficiency

- Capacity/Skills
- Manufacturing Focus
- Resource optimisation

Energy security

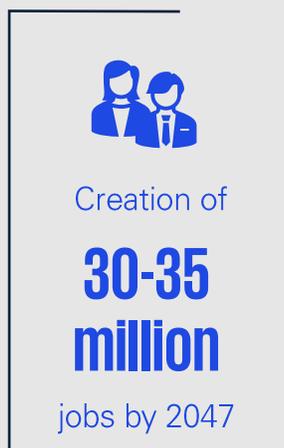
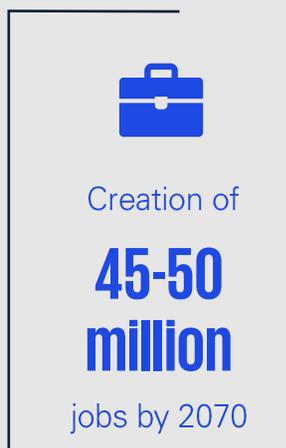
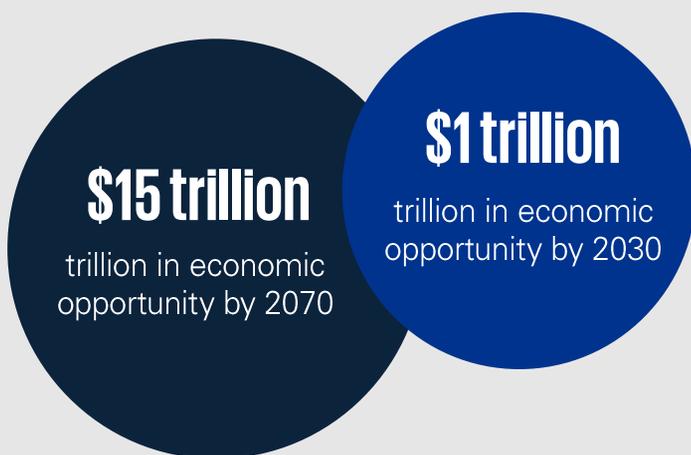
- Rapid RE acceleration
- RE RTC products
- New technologies
- DRE
- RE integration – storage, power markets
- Strong grid infrastructure

Global leadership

- Biofuels
- Global co-operation and initiatives
- Hydrogen

Cornerstones of Government's long term vision

India's shift to a net zero economy



The Next Steps...

- Create **capacity of future skills** in next gen learners
- Create **enabling pathways** including national and International mobility
- Ensure **quality of credential acquired** with **international acceptance and compliant to transnational standards**
- Industry oriented infrastructure and courses** in HEIs
- To incubate **Entrepreneurship focused on emerging areas**
- To **facilitate job placements of work-ready students** oriented with industry aligned training
- Different skilling requirements for the 3 biggest markets need to be assessed, that is, **Domestic India market, Global market, and captives**

ENRich 2023 Startup Search



What is this?

The culmination of our startup search, and a moment for us to felicitate our finalists



Who will it involve?

The top startups from the ENR sector identified in our search, as well as the jury involved to select the finalists



What can you expect?

Insights from our esteemed jury, showcases of the innovative solutions of our top startups, and a sneak peek inside the Startup Search Process



45+ Nominations

Two evaluation tracks for pre-revenue and mature startups



10+ Solution Categories

EVs, Decarbonisation Technology, Waste Management etc.



12 Startups for jury pitch



10+ Jury Members

External industry Experts and KPMG Partners



6 Finalists



The Outcome

Felicitation ceremony, showcase at the KPMG Innovation Kaleidoscope

LEADERS 2050

Leaders 2050 is a KPMG member firms led, global external network for...

Young professionals...

...with an interest in
climate, Energy
Transition, ESG...

...in KPMG and our
clients across all
industries and sector.

Our vision is to help future Leaders build the skills, networks and knowledge to have a positive impact and deliver Net Zero by 2050

Our Principles

We help future leaders find purpose by engaging with and driving the low carbon transition

We promote inclusion of all social groups, industry sectors and low carbon technologies

We recognise the social and equity challenges of Net Zero and prioritise the 'just transition'

We support digital, smart and collaborative approaches to help drive engagement and change



Our Reach (...so far):

Canada

The US

Brazil

Ireland

The U.K.

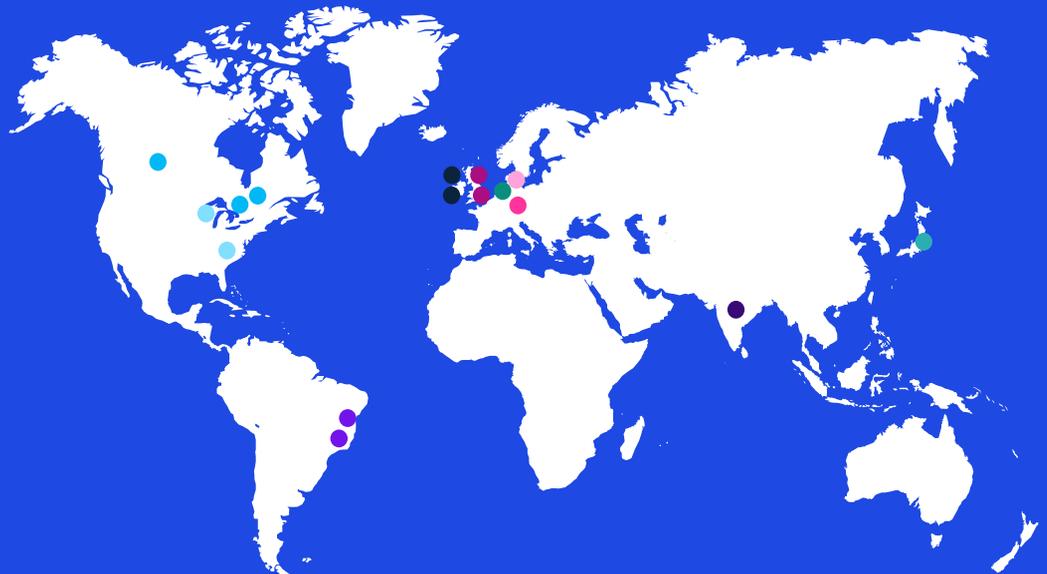
The Netherlands

Denmark

Germany

India

Japan



What we do

01

Host events to create safe spaces for young professionals to connect and build their network



02

Provide a platform for knowledge sharing and skills building to support young leaders



03

Publish thought leadership reports on topics that matter to our members



ENRich Voices and Thought Leadership



Voices

This edition of Voices at ENRich 2023 puts the spotlight on how policy making and academia can help drive positive change in the world of energy.

The world cannot wait any longer. As climate summit after summit points out, the window of opportunity to effect change is narrowing hour by hour. The reality of climate change and its far reaching impacts are visible to all. As energy transition becomes more than a buzz word and organizations play catch up, it is increasingly clear that our governments and our education and research institutions will need to partner with industry on driving change.

“Voices” will carry cross-generational views on the issues involved in making change happen. We believe that this collection of “Voices” from our colleagues in Industry, Government, and Academia will shine light on all the action that is happening in the space of energy and resource transition across this “Triumvirate” and bring a well-rounded set of opinions to the table for all of us.



Thought Leadership

ENRich 2023 will see the launch of our thought leadership on “Energy Transition – Pivoting towards global leadership in manufacturing”.

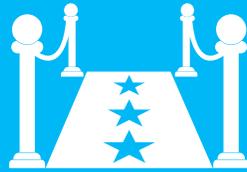
The global energy transition is in full swing, with India emerging as a central figure driving progress. However, recent supply shocks, global market imbalances, and geopolitical tensions have led to a global reevaluation of the current renewable energy (RE) supply chain paradigm. India, with strong captive demand for RE equipment coupled with unique domestic characteristics, is well positioned to capitalize on the manufacturing opportunity this reevaluation presents and emerge as a manufacturing hub.

Fulfilling this potential will require a number of imperatives to be addressed across the manufacturing value chain. Upstream activities such as raw material extraction and processing, and downstream activities such as end-of-life management and circularity will also key roles in ensuring sectoral development. Industry 4.0 and other digital technologies will need to be leveraged to remain at the cutting edge of manufacturing. Skill development and fostering of a collaborative innovation ecosystem will serve as critical enablers for long term viability. These imperatives will also alter the job landscape in the country, with new roles emerging as capacities develop.

This thought leadership will bring opinions from multiple KPMG sectoral experts to bear on one of the most critical issues within the energy transition today. We believe that this work will paint a clear picture of India’s RE manufacturing landscape leading up to 2030, and beyond.

ENRich through the years





See you at ENRich 2023!



30 years
and beyond



Anish De

Global Head

Energy Natural Resources and Chemicals,
KPMG International

E: anishde@kpmg.com



kpmg.com/socialmedia

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KPMG Assurance & Consulting Services LLP, Lodha Excelus, Apollo Mills Compound, NM Joshi Marg, Mahalaxmi, Mumbai - 400 011 Phone: +91 22 3989 6000, Fax: +91 22 3983 6000

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