Reliance
New Energy

Maker Chambers IV, Nariman Point, Mumbai 400 021. India / www.ril.com

Reliance
New Energy

We Care

ABOUT THE COLLECTIVE FUTURE OF HUMANITY AND OUR PLANET

“From very humble beginnings over 45 years ago to now becoming the largest private sector company in India, the Growth of Reliance mirrors the relentless spirit of dynamism and hope that resides within the heart of each of my fellow Indians.

It is this spirit that Reliance is committed to fostering and which is articulated in our timeless expression of intent, ‘Growth is Life’.”

Mukesh D. Ambani
Chairman & Managing Director
Reliance Industries Limited

THE STORY OF RELIANCE

The story of Reliance is the powerful and inspirational story that began with a man who had a daring vision and whose legacy now energizes the lives of billions of Indians.

The pioneering spirit of Founder-Chairman Dhirubhai Ambani continues to animate the heart and soul of the Reliance family – under the current leadership of Chairman and Managing Director Mukesh D. Ambani.

Today, Reliance Industries Limited is a US$ 118.6 billion, Fortune Global 500 company, and India's largest private sector enterprise, with operations across energy and new materials, retail, digital services, media and entertainment, and much more.

"Reliance is the place for those who dare to tackle the seemingly impossible challenges of our society and invent solutions that overcome them."

Mukesh D. Ambani
Chairman & Managing Director
Reliance Industries Limited

RELIANCE NEW ENERGY

"We have a 15-year vision to build Reliance as one of the world's leading New Energy and New Materials company.

The New Energy business based on the principle of Carbon Recycle and Circular Economy is a multi-trillion opportunity for India and the world.

It is also an opportunity to make clean and green energy abundantly available at an affordable price to every Indian, every Indian enterprise, and every Indian utility.

More than a business, this is our seva to save Planet Earth from the ravages of climate change."

Mukesh D. Ambani
Chairman & Managing Director, RIL
at the 43rd AGM, 2020

Reliance has set itself on an ambitious plan to become net carbon zero by 2035.

Our New Energy business will be far more ambitious, far more transformational, and far more global in scope than anything Reliance has ever done before.

We firmly believe that as one of the biggest energy markets in the world, India will play a leading role in transforming the global energy landscape.

As a company always focused on growing businesses of the future, Reliance will provide leadership on the combined strength of our balance-sheet, talent, technology and proven project execution capabilities.

Reliance will make its New Energy business a truly global business.

A FULLY INTEGRATED RENEWABLE ENERGY ECOSYSTEM

We are well on our way to creating a manufacturing ecosystem, which will be fully integrated with secure and self-sufficient supply chains.

It will be backed by world-class talent and capabilities, built on the pillars of technological innovation through strategic partnerships. It will deliver a modular, world-scale, and affordable Green Energy manufacturing business that will also be the most modern—based in India, for India and the world.

Our overall initial investment from our own internal resources in the New Energy business will be over US$10 billion in 3 years.

FIVE GIGA FACTORIES FOR NEW ENERGY

We are progressing rapidly on constructing the Dhirubhai Ambani Green Energy Giga Complex over 5,000 acres in Jamnagar, Gujarat, India. It will be a world class, self-sufficient green energy ecosystem when completed, and amongst the largest such integrated renewable energy manufacturing facilities in the world.

These giga factories will manufacture and fully integrate all the critical components of the New Energy ecosystem.

- One, for the production of solar energy — we will build an integrated solar photovoltaic module factory.
- Two, for the storage of intermittent energy — we will build an advanced energy storage battery factory.
- Three, for the production of green hydrogen — we will build an electrolyser factory.
- Four, for converting hydrogen into motive and stationary power – we will build a fuel cell factory.
- Fifth, a giga factory for Power Electronics

THE END-TO-END NEW ENERGY ECOSYSTEM

- Fully integrated solar photovoltaic manufacturing complex
- Advanced energy storage systems for integrated cells, battery packs and control manufacturing
- Electrolyser manufacturing facility
- Mobility solutions and development for Electric Vehicles (EVs) and Fuel Cell Electric Vehicles (FCEVs)
- Power electronics and semiconductor development
- Basic raw material and auxiliary materials manufacturing
- Research and Development facilities for all New Energy Technologies
- Wind power generation
- Bio-energy

2035	5,000 acres	₹ 75,000 Crore (US$10 billion)
Our net-carbon zero target	Dhirubhai Ambani Green Energy Giga Complex in Jamnagar	Investment in the New Energy business

BUSINESS VALUE STREAMS

Our aim is to establish and enable at least 100 GW of solar energy by 2030 and accelerate India's transition from fossil dependence to renewable energy sources. Our wholly-owned subsidiary, REC Group, brings 25 years of commitment to the solar industry and is a global leader in solar manufacturing, providing highest efficiency solar panels with Heterojunction Technology (HJT).

We have a defined improvement roadmap to increase the HJT module efficiency even more through innovations like perovskite-tandem cell technology. Our 10GW solar PV cell and module factory at Jamnagar will commence production by 2024. And we are targeting to scale up to 20GW annual capacity in a phased manner by 2026.

SOLAR

This will be first of its kind of 'quartz-to-module' facility globally – from quartz, to metallurgical silicon, to polysilicon, to ingots/wafers – and integrate them with cells and modules. Further, we will invest in Glass and POE film manufacturing – both having natural synergies with our Chemical and Materials business at Reliance.

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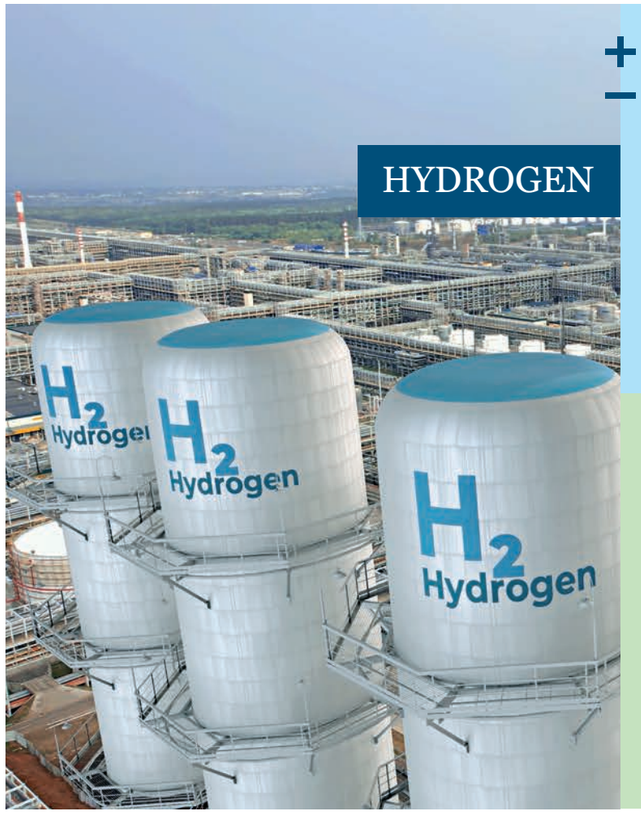
HYDROGEN



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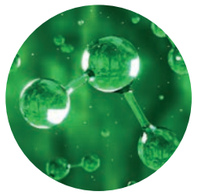
Reliance is one of the largest producers of Grey/Blue Hydrogen globally. We are in advanced stages of developing the blueprint for achieving the 1-1-1 green hydrogen vision for India – that is, to make India the first country globally to achieve $1 per one kg in one decade for green hydrogen.

This would be achieved by selecting the most cost-efficient technology, value engineering on hydrogen balance of plant equipment, development of integrated and highly automated manufacturing set up, and local material supply chain network for various components of green hydrogen electrolyzer equipment. Reliance would be uniquely positioned to power the electrolyzers with the cheapest solar power from its giga-scale plants.

We have partnered with Stiesdal to accelerate cost reduction and commercialisation of their Pressurised Alkaline Electrolyzer technology. In addition, we are in advanced stages of partnering with other leading electrolyser technology players globally to set up a giga-scale electrolyser manufacturing facility at Jamnagar. We will complement our partners' technological innovation in stack manufacturing with our engineering skills, operational excellence, long-standing experience in efficient seawater desalination, digital twin expertise, and indigenous balance of plant, with a singular aim to deliver Green Hydrogen at the lowest cost.

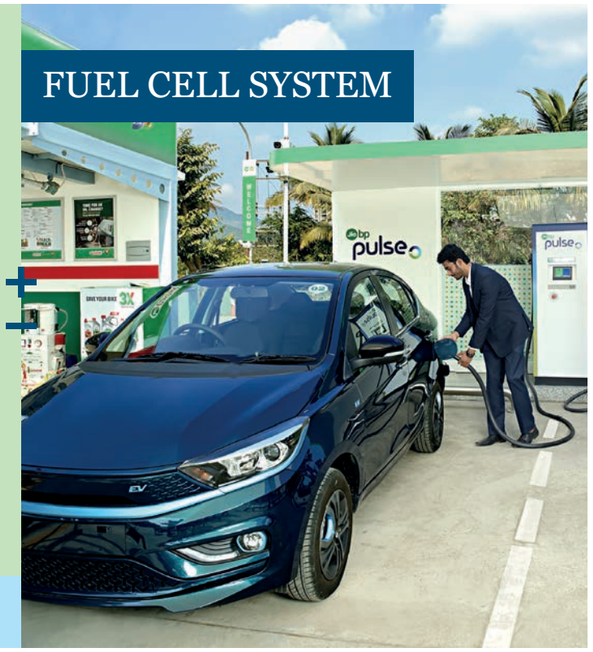
In 2023, we unveiled India's first Hydrogen Internal Combustion Engine (H2ICE) technology solution for heavy duty trucks. These H2ICE powered trucks will emit near-zero emissions, deliver performance on par with conventional diesel trucks, and reduce noise with projected reductions in operating costs, thus redefining the future of Green Mobility.

We aim to progressively commence transition from Grey/Blue Hydrogen to Green Hydrogen by 2025, after proving our cost and performance targets.



FUEL CELL SYSTEM

We are setting up a fuel cell giga factory for electricity and power generation. Fuel cells will progressively replace internal combustion engines. Fuel cell engines can power automobiles, trucks, and buses. They can also be used in stationary applications for powering data centres, telecom towers, emergency generators, micro grids and industrial equipment.



MOBILITY

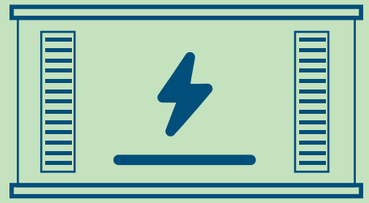
Our Mobility Team is creating and deploying multiple business models and partnerships with several automotive companies to successfully enable large-scale consumption of hydrogen, energy, charging solutions, and battery storage solutions across the spectrum of mobility, including 2-wheeler, 3-wheeler, 4-wheeler, and commercial vehicles (trucks and buses).

We are creating a comprehensive organization and business plan around sustainable energy transition from upstream energy generation, hydrogen ecosystem, and creating end-use applications in both stationary storage and mobility.

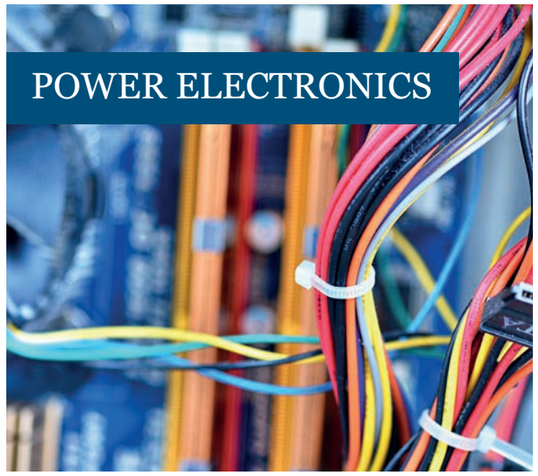
ENERGY STORAGE

We are integrating energy storage with wind and solar power generation at a mega-watt scale in Jamnagar to provide grid-connected and round-the-clock electricity. We will also deploy batteries at grid-scale to convert intermittently captured photons into electrons for captive requirements, as well as for India's growing energy needs.

For large scale and cost-competitive Green Hydrogen production, we will leverage our solar and wind energy storage integrated manufacturing ecosystem and set up a fully integrated, automated giga-scale electrolyser manufacturing facility.



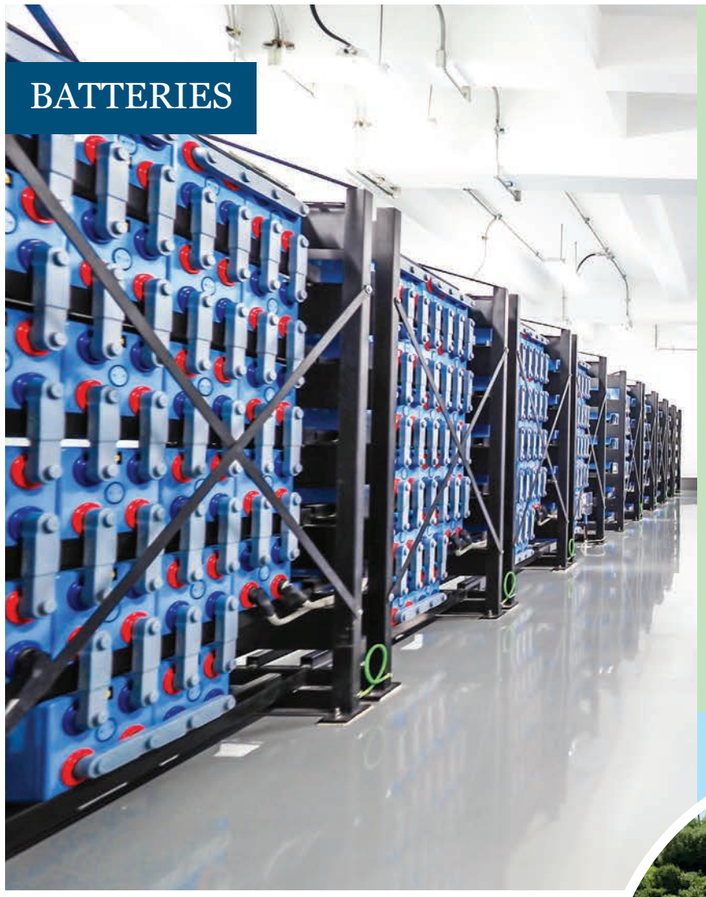
POWER ELECTRONICS



One of the key components linking the entire value chain of Green Energy is affordable and reliable power electronics. We are building significant capabilities in design and manufacturing of power electronics and software systems, integrating with our capabilities of Telecommunications, Cloud Computing and IoT platform. We will build this through partnerships with leading global players to provide most affordable solutions, meeting global standards of performance, safety, and reliability.

We will deliver a wide range of green power electronic solutions like Solar Inverters, BESS (Battery Energy Storage System), Electrolyzer Power supply units and EV chargers for both captive requirements and for the external market. We are focussed on developing a Global Technology Centre and the Power Electronics Giga Factory for localizing manufacturing in India.

BATTERIES



We are creating an end-to-end battery ecosystem – from battery materials to cell manufacturing, leading up to packs and Battery Management Systems (BMS), to deliver safe and reliable batteries with high energy density and fast charging capabilities.

Batteries are an integral part of providing long-duration energy storage for grid-scale renewable energy.

They are also critical to promote Green Mobility and stationary applications for residential and commercial use.

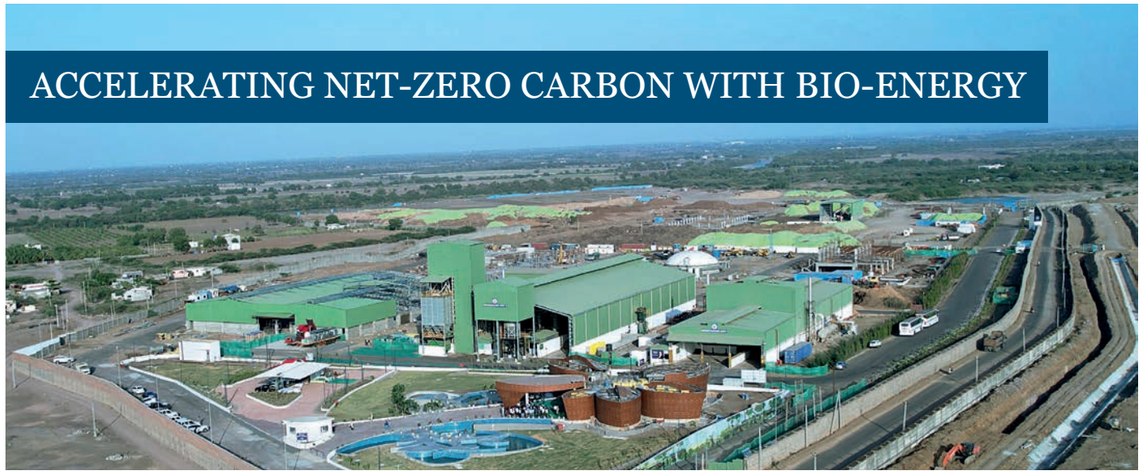
Our deep understanding and knowledge of Chemistry and Materials will add to our competitive advantage in setting up our world-scale battery manufacturing facility. We aim to set up a battery giga factory by 2026 for manufacturing battery chemicals, cells and packs, as well as containerised energy storage solutions and a battery recycling facility. We aim to produce Lithium Iron Phosphate (LFP) based solutions at world beating lifecycle costs and we are fast-tracking commercialisation of our sodium ion battery technology.

WIND POWER GENERATION

We are pursuing wind power generation by developing a manufacturing ecosystem for cost-efficient wind power generation at giga scale.

Our foray into carbon fibre—which is a significant cost driver in manufacturing wind blades—lends a unique advantage to further integrate and reduce the cost of wind turbines. Further, we will partner with the world's leading technology players in wind equipment manufacturing to deliver cost-efficient solutions.

ACCELERATING NET-ZERO CARBON WITH BIO-ENERGY



Bio-energy will help replace fossil fuels with renewable alternatives to produce green fuels for power plants, industrial boilers, and transport sectors. Our target biofuels include Compressed Biogas (CBG), densified briquettes and pellets, Green Hydrogen, and bio-oils.

To accelerate our target of net-zero carbon by 2035, we are developing capabilities in bio-energy.

We are India's largest bio-energy producer.

We have set up two demo units for Compressed Biogas (CBG) at Jamnagar and a commercial scale CBG plant at Barabanki, Uttar Pradesh—commissioned in a record 10 months.

We aim to utilise a share of surplus agro-waste to convert to various forms of bio-energy. We target to establish 100 CBG plants in the next five years, consuming 5.5 million tonnes of agro-residue and organic waste. This will mitigate ~2 million tonnes of carbon emissions and help produce 2.5 million tonnes of organic manure annually. We expect this to result in a reduction of 0.7 million metric tonnes per annum (MMTPA) of imported liquefied natural gas.

THE INTELLECTUAL CAPITAL FOR NEW ENERGY

As always, we will develop our New Energy business by getting our First Principles right, and we believe that we have all the right ingredients in place.

- First, we have over 2,500 scientists, engineers, and professionals working passionately to deliver our New Energy vision, and we aim to expand it tenfold in next few years.
- Second, we are expanding our partnerships with the world's leading start-ups and academic institutions to collaborate and innovate for the future.
- Third, our large captive requirement across our businesses enables us to scale rapidly.
- Fourth, in collaboration with global Engineering, Procurement, and Construction (EPC) players, we will repurpose our proven capabilities in project management and combine physical and digital technologies to deliver lowest-cost green energy.
- Fifth, our New Energy business model will be modular and replicable across the globe.

As a result of these combined strengths, our New Energy business will help India become a net exporter of energy.

It will also strengthen the indigenous R&D base and make India a reservoir of intellectual property.

We are certain that India will present to the world a template of a Green Economy Movement, which will truly be a People's Movement.

RELIANCE NEW ENERGY COUNCIL

The Reliance New Energy Council (NEC) comprises some of the finest minds globally. These members will help us validate our strategies and embrace disruptive pathways to achieve our goals.

NEC members are experts at the top of their fields who will guide us on technical strategy, help identify opportunities, and advise us on partnerships worldwide.

They are global advocates and thought leaders of the New Energy business. With such luminaries in our Council, Reliance hopes to transform the world and make it an even better place.

The NEC Charter

- Accelerate the market-led transition of Reliance to clean energy, with the aim of becoming Net Carbon Zero by 2035.
- Reinvent Reliance to become a New Energy major with a focused technology roadmap of 5 to 15 years – including an optimal mix of clean, and affordable energy.
- Formulate strategies for business configuration, operations, models, manufacturing, and project development within an ever-evolving Indian and global policy landscape.

Dr. R. A. Mashelkar

Chairman, New Energy Council
Former Director General of CSIR, India

Dr. Raghunath A. Mashelkar, the Chairman of the Reliance Innovation Council (RIC), is an eminent scientist and President of Global Research Alliance. Earlier, he served as the Director General of the Council of Scientific and Industrial Research for 11 years and is widely recognised for transforming the organisation.

A former President of Indian National Science Academy, Dr. Mashelkar is a prominent champion of the innovation movement in India. He is currently the Chairman of India's National Innovation Foundation, a member of the National Innovation Council and a member of the Scientific Advisory Council to the Prime Minister of India. He has been honoured with several awards from various institutions for his outstanding contribution in the field of science and technology and has received honorary doctorates from 29 universities.

He won the JRD Tata Corporate Leadership Award in 1998 and the *Business Week* (USA) 'Stars of Asia' award in 2005. He has been awarded three of India's highest civilian awards from the President of India – the Padma Shri in 1991, the Padma Bhushan in 2000, and the Padma Vibhushan in 2014.

Dr. Mashelkar is also a former member of the Reliance Board.

Mukesh D. Ambani

Chairman & Managing Director
Reliance Industries Limited

Mukesh D. Ambani is the Chairman and Managing Director of Reliance Industries Ltd. He joined Reliance in 1981 and initiated the company's backward integration journey – from textiles to polyester fibres, petrochemicals and petroleum refining, and finally, upstream into oil and gas exploration and production.

Mukesh Ambani led the creation of several new world-class manufacturing facilities involving diverse technologies at Reliance, which have boosted organisational capabilities and capacities manifold. He also led the creation of the world's largest grassroots petroleum refinery at Jamnagar in India, which is often referred to as the 'refining hub of the world' today.

Ambani's achievements have been acknowledged at national and international levels. In 2023, he was ranked #1 among Indian CEOs and #2 globally among the world's top CEOs list in the Brand Guardianship Index 2023 by Brand Finance. He was named among *Foreign Policy's* "Top 100 Global Thinkers" and TIME 100's "Most Influential People" in 2019.

In 2013, *Forbes* ranked him 38th in its annual list of the "World's Most Powerful People" while the All India Management Association (AIMA) named him the 'Entrepreneur of the Decade'. In 2010, he was awarded the Dean's Medal by University of Pennsylvania for his "visionary leadership in the application of engineering and technology for the betterment of mankind".

In 2009, *Harvard Business Review* in its global ranking of the Top 50 CEOs ranked him the fifth best-performing CEO. An extreme innovator, he is always on the lookout for businesses of the future that have the potential to change the game.

Dr. David Milstein

Professorial Chair of Organic Chemistry, Weizmann Institute of Science, Israel

Dr. David Milstein was born in 1947 in Ulm, Germany, where his family took refuge after being displaced during the Holocaust. With his family, he immigrated to the newly founded state of Israel at the age of two.

He went on to complete his Bachelor of Science degree with distinction in 1968, Master of Science with distinction in 1969, and a Ph.D. Summa Cum Laude in 1976 under Prof. J. Blum from the Hebrew University of Jerusalem, Israel.

Dr. Milstein conducted his post-doctoral research at Colorado State University with advisor Dr. John Stille.

Currently, Dr. Milstein is Founder and Head of the Kimmel Centre for Molecular Design and the Professorial Chair of Organic Chemistry at the Weizmann Institute of Science, a multidisciplinary basic research institution in the natural and exact sciences in Israel.

He is also presently a Full Professor at the institute's Department of Organic Chemistry.

In 2007, Science magazine cited as one of ten "breakthroughs of the year" his group's pioneering development of a ruthenium-based catalyst. The catalyst was developed to convert starting compounds, called amines and alcohols, directly into another class of widely useful compounds, called amides, which play crucial roles in chemistry and biology. This catalyst, called the 'Milstein catalyst' is used today in labs around the world. Two of his catalysts are being marketed worldwide by Strem Chemicals, Inc.

Dr. Milstein's H Index is 91 (ISI); 97 (Google Scholar) and citations are 30,000 (ISI); 35,500 (Google Scholar).

HONOURS AND AWARDS

- David Milstein is a Foreign Member of the Royal Society; a member of the US National Academy of Sciences; Israel National Academy of Sciences and Humanities; and the German National Academy of Sciences.
- He has received many honours including the Israel Prize (Israel's highest honour); the Israel Chemical Society Gold Medal; and the European Prize for Organometallic Chemistry.

Dr. Geoffrey Maitland

Professor of Energy Engineering, Imperial College, London

Dr. Geoffrey Maitland is the Professor of Energy Engineering at Imperial College, London, and the former President of the Institution of Chemical Engineers (2014-15).

His career has spanned academia and industry, spending 20 years in Oil and Gas with Schlumberger and over 20 years at Imperial, first as a young lecturer from 1974 and then from 2005 in his current position. He is also the Founding Director of the Qatar Carbonates and Carbon Storage Research Centre, a $70 million, 10-year academic-industry research programme based at Imperial College.

His current research is centred on how we can continue to use fossil fuels for most of this century without causing catastrophic climate change, particularly through carbon capture, usage and storage (CCUS). He has chaired several CCUS public reports and been a member of the 2018 UK Government CCUS Cost Challenge Taskforce.

Dr. Maitland studied Chemistry at Oxford University, where he also obtained his doctorate in Physical Chemistry. He is a Fellow of the Institution of Chemical Engineers, the Royal Society of Chemistry, the Energy Institute and the Royal Academy of Engineering.

Dr. Robert Armstrong

Director, Massachusetts Institute of Technology Energy Initiative (MITEI), USA

Dr. Robert Armstrong is Director at the Massachusetts Institute of Technology Energy Initiative (MITEI) and the Chevron Professor of Chemical Engineering at the institute.
His research is focused on pathways to a low-carbon energy future. He was a member of MIT's Future of Natural Gas and Future of Solar Energy study groups.

He advised the teams that developed MITEI's most recent reports: "The Future of Nuclear Energy in a Carbon-Constrained World" (2018) and "Insights into Future Mobility" (2019). He is co-chairing the new MITEI study, "The Future of Storage".

HONOURS AND AWARDS

- Elected to the American Academy of Arts and Sciences and the National Academy of Engineering.
- Received the 2006 Bingham Medal from the Society of Rheology and the Warren K. Lewis Award and the Professional Progress Award in 1992, both from the American Institute of Chemical Engineers.

Henrik Stiesdal

Founder and CTO, Stiesdal, Denmark

Henrik Stiesdal is a pioneer of the modern wind industry, having built his first wind turbine in 1976 and, in 1978, having designed one of the first commercial turbines. Stiesdal's initial work in the late 1970s and early 1980s contributed significantly to the development of the simple and robust technologies of the 'Danish Concept'. Stiesdal has more than 175 inventions to his credit and has received more than 650 patents related to wind power technology. He studied medicine, physics, and biology at the University of Southern Denmark in Odense. During his 40 years in the wind industry, he has worked with all aspects of turbine technology, including fundamental research, turbine design, manufacturing, sales, project implementation, service, and quality management.

In 1990, he assumed overall responsibility for the Vindeby Offshore Wind Farm, the world's first offshore wind farm.

HONOURS AND AWARDS

- Named one of the most influential persons in the wind industry he has also received the German Renewables Award for Lifetime Achievements in Wind Energy.

Dr. Alan Finkel

Former Chief Scientist of Australia; Chairman, Low Emissions Technology Investment Advisory Council, Australia

Dr. Alan Finkel is the former Chief Scientist of Australia. He has an extensive background in science as an entrepreneur, engineer, neuroscientist, and educator. Currently, he has two official roles that support Australia's march towards lower emissions:

- Chair of the Low Emissions Technology Investment Advisory Council that advises the Minister for Energy and Emissions Reduction on the adoption of low emissions technologies.

- Special Adviser to the Australian Government on low emissions technologies.

Dr. Finkel was awarded his PhD in electrical engineering from Monash University and worked as a postdoctoral research fellow in neuroscience at the Australian National University.

He has served as President of the Australian Academy of Technology and Engineering (ATSE), and as Chancellor of Monash University.

Dr. Martin Green

Scientia Professor, University of New South Wales (UNSW), Australia

Often referred to as the 'father of photovoltaics', Professor Martin Green is a world-leading specialist in both monocrystalline and polycrystalline silicon solar cells.

He is Scientia Professor at the University of New South Wales (UNSW), Sydney and Director of the Australian Centre for Advanced Photovoltaics. He has been working at UNSW since 1974. He is also the Research Director of Sydney-based CSG Solar Pty. Ltd., a company established to commercialise UNSW's polycrystalline silicon thin-film on glass solar cell technology.

Green was born in Brisbane on July 20, 1948, and was educated at Brisbane State High School, graduated from University of Queensland, and completed his PhD on a Commonwealth Scholarship at McMaster University in Canada, where he specialised in solar energy.

Dr. Green has revolutionised the efficiency and costs of solar photovoltaics, making this now the lowest cost option for bulk electricity supply. His record-breaking achievements stretch across decades. Among his many breakthroughs, he invented the PERC solar cell, which accounts for at least a quarter of the world solar cell manufacturing capacity and has a rapidly increasing market share due to its greater efficiency over other types of cells. The PERC cells pioneered by UNSW now reflect 50% of world production.

Prof Green's Google Scholar H index is 137 and he has 97,756 citations.

HONOURS AND AWARDS

- Fellow of the Royal Society of London, the Australian Academy of Science, the Australian Academy of Technological Science and Engineering and the Institute of Electrical and Electronic Engineers (IEEE).
- Winner of the prestigious Japan Prize in 2021.
- Recipient of the Karl Böer Solar Energy Medal of Merit Award from the University of Delaware in 2003.
- Recipient of the Millennium Award from the World Renewable Congress in 2000.

Dr. Rachid Yazami

Founding Director and CTO, KVI Holdings, Singapore; Former Research Director CNRS, France

Dr. Rachid Yazami is Founding Director and CTO at KVI Holdings, a start-up in Singapore dedicated to battery life and safety enhancement for mobile electronics, large energy storage, and electric vehicle applications.

Previously, he was the Principal Scientist at Nanyang Technological University in Singapore.

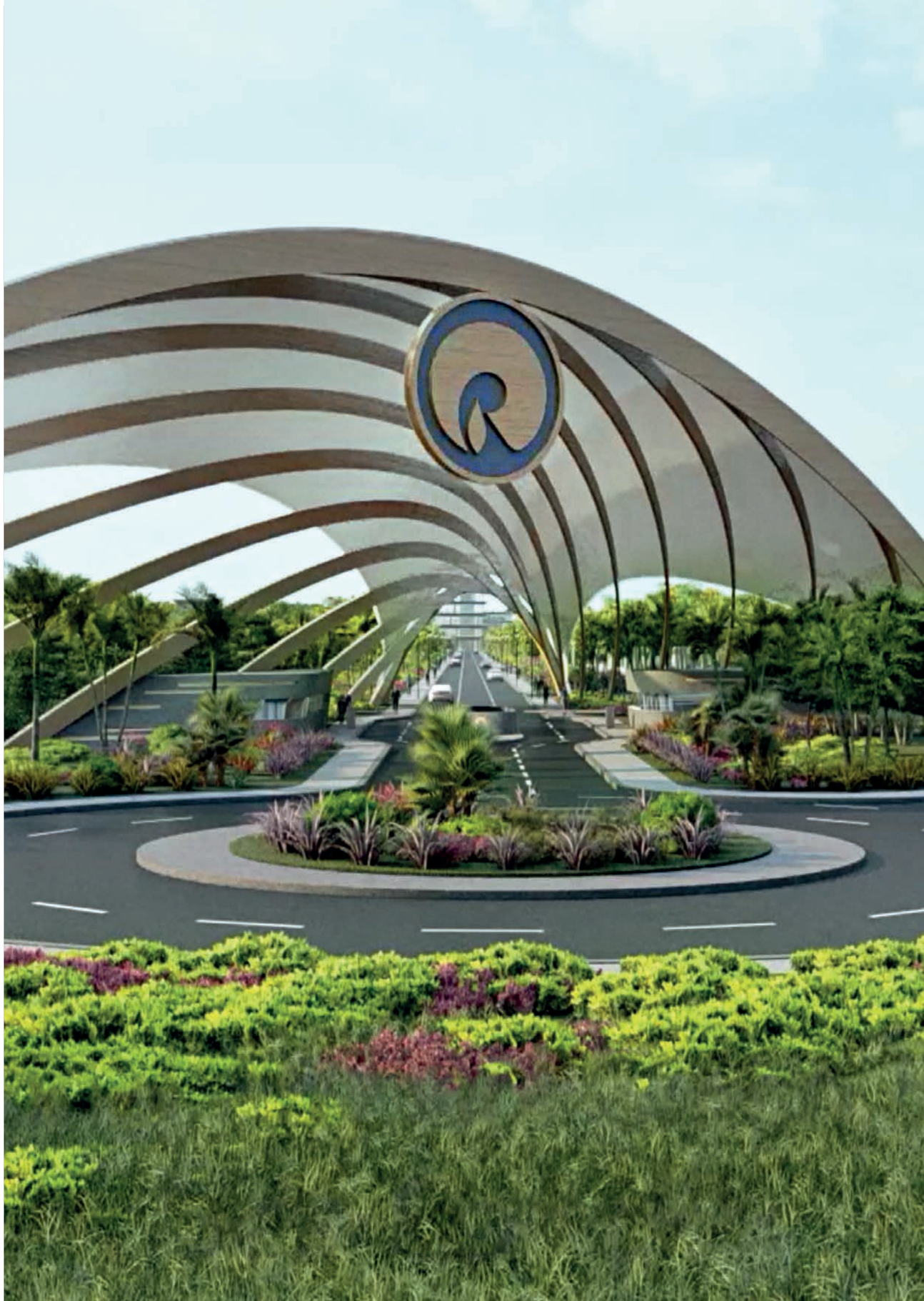
Dr. Yazami received his PhD from the Centre National de la Recherché Scientifique, France, in 1985, and Master's in Engineering from the Institut Polytechnique de Grenoble, France, in 1978.

He is listed as an inventor on more than 150 patents related to battery technology, including nano-Si- and nano-Ge-based anodes for ultra-high-rate charge lithium batteries, the lithium-carbon fluoride battery for space and medical applications, and more recently, liquid anodes. He has co-authored more than 250 papers on batteries and their materials and systems.

In 1979–1980, Dr. Yazami invented the lithium graphite anode, now used in commercial Li-ion batteries, a product with over $100 billion/year in business value.

HONOURS AND AWARDS

- Winner of the Draper Prize, the equivalent of a Nobel Prize for engineers.
- Received scientific awards from NASA, NATO, IBA, the Japan Society for the Promotion of Science, and IEEE.
- Won the UAE’s prestigious Mohammed bin Rashid Medal for Scientific Distinguishment in the field of Sustainability Science.
- Member of the French Carbon Society (GFEC), the Electrochemical Society, the American Chemical Society, and the International Society of Electrochemistry.
- Nominated for the Queen Elizabeth Prize for Engineering (2013-2015).



OUR INVESTMENTS & ACQUISITIONS IN NEW ENERGY AND CLEAN MOBILITY

REC SOLAR HOLDINGS AS (REC GROUP)

RNEL has acquired REC Solar Holdings AS (REC Group), one of the world's leading solar cells/panels and polysilicon manufacturing companies, for an enterprise value of USD 771 million.

Visit https://www.recgroup.com/en to learn more.

FARADION LTD

Reliance New Energy Limited (RNEL) has acquired leading global sodium-ion battery technology company Faradion Ltd. for an enterprise value of GBP 100 million. RNEL is also investing GBP 25 million as growth capital to accelerate commercial roll out.

Visit https://faradion.co.uk/ to learn more.

SENSEHAWK

Founded in 2018, SenseHawk is an early-stage California-based developer of software-based management tools for the solar energy generation industry. SenseHawk helps accelerate solar projects from planning to production by helping companies streamline processes and use automation.

SenseHawk has helped 140+ customers in 15 countries adopt new technology for their 600+ sites and assets totalling 100+ GW. SenseHawk's Solar Digital Platform offers end-to-end management of solar asset lifecycles.

LITHIUM WERKS

RNEL has acquired assets of LFP batteries provider Lithium Werks for USD 61 million. Lithium Werks is a leading provider of cobalt-free and high-performance Lithium Iron Phosphate ("LFP") batteries.

Visit https://lithiumwerks.com/ to learn more.

SKYTRAN INC

Reliance is also giving a boost to revolutionary technologies in clean mobility solutions. We have acquired a majority stake in skyTran Inc, a futuristic rapid transit system.

With this investment, we aspire to bring to India high-speed, efficient, and economical intra and inter-city connectivity through a 'Transportation-as-a-Service' platform.

FORGING GLOBAL PARTNERSHIPS

We have forged strong global partnerships to co-create New Energy solutions for India and the world.

AMBRI INC

Along with strategic investors Paulson & Co. Inc. and Bill Gates, and a few other investors, RNEL has invested USD 144 million in energy storage company Ambri Inc as part of Reliance's long-duration energy storage systems business globally.

Visit https://ambri.com/ to learn more.

STERLING & WILSON SOLAR

RNEL has acquired a 40% stake in Sterling & Wilson Solar, one of the largest EPC and Operations and Maintenance (O&M) providers globally, to provide turnkey solutions in the New Energy value chain.

Visit https://sterlingandwilson.com/ to learn more.

NEXWAFE

RNEL has invested USD 29 million (EUR 25 million) in Germany's NexWafe and partnered with them for the joint technology development and commercialization of high-efficiency monocrystalline "green solar wafers".

NexWafe's unique patented technology is expected to drastically lower costs and make solar photovoltaics the lowest-cost form of renewable energy available and build large-scale wafer manufacturing facilities in India.

Visit https://www.nexwafe.com/ to learn more.

STIESDAL A/S

RNEL is collaborating with Denmark's Stiesdal A/S on the manufacturing of their HydroGen Electrolyzers in India, which will produce hydrogen at a significantly lower cost compared to current levels, thus paving the way for rapid decarbonization and commercialization of affordable Green Hydrogen.

Visit https://www.stiesdal.com/ to learn more.

CAELUX CORPORATION

RNEL is investing USD 12 million for a 20% stake in Caelux to accelerate its product and technology development, including construction of its pilot line in the United States for expediting the commercial development of its technology. RNEL and Caelux have also entered into a strategic partnership agreement for technical collaboration and commercialization of Caelux's technology.

INVESTING IN GREEN ENERGY PROJECTS

Reliance is investing **INR Rs 5.95 lakh crore** in Green Energy and other projects in **Gujarat, India over a span of 10 to 15 years.**
The investment will help in setting up a **100 GW Renewable Energy Power Plant** and with **Green Hydrogen Eco-System development.**

Further, Brookfield Asset Management has signed an MoU with RIL to explore opportunities to manufacture renewable energy and decarbonisation equipment in Australia.

This MoU aims to both accelerate and de-risk Australia's energy transition by enabling it to locally produce clean energy equipment such as PV modules, long duration battery storage, and components for wind energy.

JOIN US IN CREATING A GREEN ENERGY FUTURE FOR THE PLANET

Reliance is the place for those who dare to tackle the seemingly impossible challenges of our society and invent solutions that overcome them. We are looking for candidates who are passionate about sustainability, renewable energy solutions, and truly care about people and planet! Come help us co-create the green New Energy future for India and the world.

Send us your CVs at
careers.newenergy@ril.com
visit www.ril.com or
Visit https://careers.ril.com/newenergy/
for all open positions.

About Reliance Industries Limited

Reliance Industries Limited (www.ril.com) is a Fortune 500® company and India's largest private sector corporation, with revenues of INR 9,74,864 crore (US$ 118.6 billion) as of FY22-23. In just over four decades, we have evolved into an integrated major player across energy, materials, new commerce and retail, entertainment, and digital services. Reliance features 45th in the Forbes Global 2000 rankings of "World's Largest Public Companies" for 2023 – and the top-most among Indian companies. It features among LinkedIn's 'The Best Companies to Work for in India' (2023).

To learn more about Reliance New Energy,
visit https://www.ril.com/OurBusinesses/New-Energy.aspx

Read the RIL CMD Mukesh D. Ambani's address to shareholders at the 46th AGM (post-IPO) delivered on August 28, 2023, for more insights into the Reliance New Energy vision and implementation plan:
https://www.ril.com/InvestorRelations/Chairman-Communication.aspx