

Presents



INDIA'S LARGEST CLIMATE STARTUP SUMMIT

CLIMAFIX Summit
2023

India Climate Startup Snapshots 2023



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Introduction

CLIMAFIX India Climate Startup Snapshots 2023

Climate change is the definitive existential challenge for our generation, and possibly for the next few. Several drivers need to work in a synchronized manner to fight the challenge, and innovation is one of the most critical of these. And that leads us to startups.

The high innovation quotient of startups, the speed at which they work, and the energy that founders bring to the table can make a significant impact on decarbonization efforts.

Globally, climate tech startups have been sprouting up across geographies massively. The trend has started in India too. The country is home to over 3,000 climate tech startups (about 3300 according to government of India estimates). While some of these could be in very early stages, our estimates suggest that over a thousand climate startups in India are already adding significant value to the innovation ecosystem.

EAI's CLIMAFIX division was formed specifically to focus on this important ecosystem comprising the Indian climate startups. CLIMAFIX, through its online portal and a number of services offered to startups, aims to become a critical accelerator for the ecosystem. One of the solutions from CLIMAFIX is the India Climate Startup Guide.

This is the first compendium of over 200 startups with concise profiles and insights about each. In addition, the guide also provides expert inferences and recommendations based on a detailed analysis of these startups.

The India Climate Startup Snapshots from CLIMAFIX will be an invaluable resource for currently operating and would-be startups, and for financial investors - especially venture capital and angel investors.

This resource has been developed on the occasion of the **Climafix Summit 2023**, India's largest climate series. I hope you find the database valuable too. I will be glad to get your input and suggestions in my email provided below.

Narasimhan Santhanam

Co-founder & Director – EAI

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Launched as a part of CLIMAFIX SUMMIT 2023



EAI  **THE ENERGY CONSORTIUM**
IIT MADRAS
Presents

INDIA'S LARGEST CLIMATE STARTUP SUMMIT

CLIMAFIX Summit 2023

@ IIT Madras Research Park, Chennai
Sep 22 & 23, 2023

1000+ DELEGATES **500+** STARTUPS **150+** INVESTORS

For Registration or Sponsorship for the Summit

Call Muthukrishnan +91- 9952910083 or register using

www.climafix.in

For feedback about the snapshots send it to ask@climafix.in

List of Startups

RENEWABLE ENERGY

- | BioD Energy
- | BioEn
- | BiofuelCircle
- | Biofuels Junction
- | Buyofuel
- | Freyr Energy
- | Grassroots Energy
- | Greenjoules
- | Himalayan Rocket Stove
- | Illumine-i
- | In(fiction) Labs
- | Loom Solar
- | Oorja Energy Engineering
- | RENEW POWER
- | RenKube
- | Sistema Bio
- | Skilancer Solar
- | SolarSquare Energy
- | Sunrise CSP
- | Vesat Solar
- | Virya Paramita
- | X2Fuels & Energy
- | ZunRoof

ENERGY STORAGE

- | Aloe Ecell
- | ChargeKart
- | Cygni
- | Esmito
- | GODI
- | Gegadyne Energy
- | IGrenEnergi
- | Indienergy
- | Ion Energy
- | Log 9 Materials
- | Matter Energy
- | NewTrace
- | Offgrid Energy Labs
- | Ohmium
- | The Energy Company
- | Wenergie

WASTE MANAGEMENT

- | Amplepac
- | Banyan Nation
- | EcoEx
- | Metastable Materials
- | MuddleArt
- | Recykal
- | Samudhyoga Waste Chakra
- | Tan90 Thermal solutions
- | Tessol
- | Wastelink

WATER

- | Cranberry Analytics
- | Digital Paani
- | FluxGen
- | Indra Water
- | Kritsnam Technologies
- | Maithri Aquatech
- | Openwater.in
- | SmarterHomes
- | Uravu Labs
- | WEGoT
- | Watsan

LOW CARBON MOBILITY

ENERGY EFFICIENCY

AGRICULTURE & FOOD

MATERIALS

OTHERS

Aerostrovilos	Aurassure	AltCo	AltMat	Breathe
Altigreen	Albatross Energetics	Bio-Lutions	Bambrew	CARBON CLEAN
Ather Energy	Ambee	Bioprime AgriSolutions	Canvaloop	Earthhood
Battery Smart	Cercle X	Blue Tribe Foods	CarbonCraftDesign	Ecoplore
BatteryPool	Datasee.AI	Clear Meat	Detect Technologies	Low Soot
Blu Smart Mobility	DroneBase	Craste	Ecopak	Offset farm
Bolt	EcoSTP	De Haat	Ecovia	Terracarb
Bounce	Ecolibrium Energy	EM3 Agri Services	GreenJams	
Brightblu	Edgegrid	Ecozen Solutions	GreenPod Labs	
Cell Propulsion	Energeia	Equator Geo	GreenTrek	
Chalo	Energyly	Farm Again	LivNSense	
Enigma	Enerlyf	Fasal	Natur Tec	
Euler Motors	Enrecover Energy	Fermentech Labs	OnsiteGo	
Exponent Energy	Exact Space	GoodDot	Phool	
GoEgo.Network	Gram Power	Greenest	ProKlean	
Hop Electric	Green Sketch Consultants	Imagine Meats	ReMaterials	
IPLTech Electric	Intello Labs	Kheyti	Refash	
IVoomi Energy	Newleaf Dynamic	Krishitantra	Runaya	
InGO Electric	Powerbot	Kriya Labs	Saathi Pads	
LoadExx	Prescinto Technologies	Loopworm	Sea6 Energy	
Magenta	Probus Smart Things	Mister Veg	Strawcture Eco	
MetroRide	Promethean Energy	One Good	String Bio	
Navalt	REConnect Energy	Our Food	ZeroPlast Labs	
Numocity	SenseHawk	RuKart	Zerocicle	
Orxa Energies	Sheru	Takachar	Zerund	
Ozone Motors	Smart Joules	Tartan Sense		
Pravaig Dynamics	SundayGrids	Wakao Foods		
Pure Electric	SustLabs			
Sun Mobility	TRST01			
Taqanal Energy	Thermelgy			
The ePlane Company	TraceX Technologies			
Tork Motors	Virtual Forest			
Turno	Welfund			
VAAN Moto	ZedBee			
Vayve Mobility	Zodhya			
Yulu				
Ziptrax				
Zypp Electric				

FOR CONTRACTORS, INSTALLERS, STARTUPS, ARCHITECTS & YOU.

We offer a wide variety of Sustainable Engineering services including Solar Power Plant Engineering, Green Buildings, Energy-efficient Buildings and EV Charging Stations

About Us

Illumine Industries is headquartered in Austin, Texas, United States. The firm currently employs over 300 industry professionals who are motivated to match the energy requirements of the country.

Illumine-i was founded by ex-Sunrun and SolarCity employees. Since its inception, Illumine-i has grown both horizontally and vertically, exploring new avenues and expanding its clientele. This growth has helped Illumine-i to deliver a broad range of professional services.



SCAN ME

A Journey Through Time

Our company's inception was the result of a trip from California to a small town in India. The journey disclosed an acute transition, from city lights, luxury cars, and air-conditioned buildings to single light bulbs, cycle commutes, and menial shelter.

Seeing a state twice as populous, running with half the amenities of basic human living, brought into question our approach towards living. We wanted to improve not just the scarcity of resources in destitute communities, but also to reduce wastage among affluent societies.

Our Exploits

“**Illumine Industries is the World's Largest Independent Digital Design Engineering Firm in the Residential PV Solar Sector.**”

GET IN TOUCH



[HTTPS://WWW.ILLUMINE.COM/](https://www.illumine.com/)

EXPLORE *Our World*

EMPOWER YOUR CAREER WITH US



Power Engineering

Our team of experienced engineers work on a variety of solar power plant projects ranging from small residential houses to Utility scale power plants. We are empowering sustainable power production.



Construction Engineering

Our team of tenured architects and engineers join hands to design energy-efficient buildings and green buildings, from sky-scrapers to hospitals to even football stadiums. We empower sustainable infrastructure.



Support Services

Our group acts like the nerve-center for employees and we cater to different aspects of the company like HR, Finance, Market Acquisition, Customer Experience, etc. We empower all the other teams to deliver consistently.

We are a bunch of passionate **geeks** doing our bit to make this world a better place, one day at a time. And at Illumine-i, we believe in having fun and we take it very seriously.

Ready to Geek out? Check out our careers page today!



SCAN ME



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RENEWABLE ENERGY



BIOD ENERGY

Decarbonization avenue: Biofuels

 New Delhi

 Founded: 2015



SOLUTION

Bio-diesel production from used cooking oil



TECHNOLOGY / PROCESS

Transesterification, Used cooking oil collection & logistics



BENEFITS

- Sustainable disposal of used cooking oil
- Indigenous production of clean biofuel



HIGHLIGHTS

- Specialities include Green fuel, Pitch, Glycerin
- Biodiesel reduces net emissions of CO2 by about 80%



CONNECT WITH TEAM

[Shiva Vig](#) - CEO

[Siddharth Vig](#) - Vice President



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KEYWORDS

UCO biodiesel | Used cooking oil | Biodiesel



BIOEN

Decarbonization avenue: Biofuels

 Bengaluru 
Founded: 2020



SOLUTION

Solid waste treatment, biogas generation & storage



TECHNOLOGY / PROCESS

Biomethanation



BENEFITS

Converting urban solid wastes, agro residues into biogas
Produces high biogas yield



HIGHLIGHTS

Pulverization not required, solid waste fed as it is.
Modular reactors: Easily serviced, dismantled
No scum formation, odour, acidification, blockage



CONNECT WITH TEAM

Abu Kumar Bhaskar, Co-Founder
[Dr. Sreesha Malayil](#), Co-Founder & Technical Head



ONLINE [Website](#)



KEYWORDS

Agro waste management | Urban waste management | Solid waste to biogas



BIOFUELCIRCLE

Decarbonization avenue: Biofuels

 Pune

 Founded: 2020



SOLUTION

Cloud-based ecosystem for biomass and biofuel supply chains



TECHNOLOGY / PROCESS

Online marketplace, Biomass supply chain optimization



BENEFITS

- Removes bottlenecks in the supply chain and create efficiency
- Subscription based platform enables buyers and sellers to engage more easily



HIGHLIGHTS

- Advanced digital tools to help integrate biomass supply chain
- Provides a range of services to become a true supply chain partner to bioenergy companies



CONNECT WITH TEAM

[Suhas Baxi](#) - Co-founder

[Ashwin Save](#) - Co-founder



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KEYWORDS

Digital platform for biomass supply chain

BIOFUELS JUNCTION



Decarbonization avenue: Biofuels

 Mumbai

 Founded: 2016



SOLUTION

Manufacturer and aggregator of biomass briquettes & pellets in Central India



TECHNOLOGY / PROCESS

Biomass supply chain optimization



BENEFITS

- Able to aggregate and supply large quantities of biofuels on a short notice
- Provides employment in rural regions in addition to reducing industrial carbon footprint



HIGHLIGHTS

- Uses significant mechanization in its processes
- Cotton stalk residue is an important source of raw material used for making biofuels



CONNECT WITH TEAM

[Ashvin Patil](#), Co-founder & Director



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[Website](#)



KEYWORDS

Biomass supply chain | Biomass feedstock aggregation

BUYOFUEL



Decarbonization avenue: Biofuels



Coimbatore

Founded: 2020



SOLUTION

Online platform and marketplace for trading of biofuel-based commodities



TECHNOLOGY / PROCESS

Online marketplace, Supply chain optimization



BENEFITS

- Provides a platform with verified buyers and sellers
- Empowers the biofuels industry by connecting raw material aggregators, biofuel manufacturers, fuel consumers and waste generators



HIGHLIGHTS

- Enables identification of trustworthy and verified business connections
- Availability of structured payment systems
- Tools to negotiate prices and commercials



CONNECT WITH TEAM

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[Prasad P.Nair](#), COO



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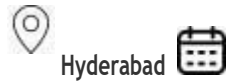


KEYWORDS

Online marketplace for biofuels | Mobile app for green fuels

FREYR ENERGY

Decarbonization avenue: Utility Scale Solar PV



Hyderabad

Founded: 2014



SOLUTION

Residential and corporate rooftop solar system installation



TECHNOLOGY / PROCESS

Solar PV



BENEFITS

- | Hassle free solar power plant installation
- | Precise monitoring of the solar project
- | Subsidies through empanelment with state agencies



HIGHLIGHTS

- | SunPro+ app makes process of owning a solar system seamless
- | ISO 9001 and 14001 certified
- | Stringent quality checks and vendor qualification process



CONNECT WITH TEAM

[Saurabh Marda](#) - Co-founder and Managing Director |

[Radhika Choudary](#) - Co-founder and Director |



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KEYWORDS

Rooftop solar | Solar PV



GRASSROOTS ENERGY PVT LTD

Decarbonization avenue: Biofuels



Bengaluru

Founded: 2016



SOLUTION

BioCNG production and energy distribution



TECHNOLOGY / PROCESS

Biomethanation



BENEFITS

- Requires 50% less energy, 40% less CAPEX.
- By-products used as valuable organic fertilisers.



HIGHLIGHTS

- Proprietary formulation boosts simple bio-sludge to super compost.
- Awarded as one of the most energy efficient solutions by Solar Impulse.



CONNECT WITH TEAM

[Mateen Abdul](#), Founder & CEO



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KEYWORDS

Organic fertilizers | BioCNG purification | Agro-waste management



GREENJOULES

Decarbonization avenue: Biofuels



SOLUTION

Agri residue based liquid biofuels, gaseous cooking fuels, and solid bio-fertilizers



TECHNOLOGY / PROCESS

Pyrolysis



BENEFITS

Contributes to the circular economy by producing renewable biofuels called 'drop-in' fuels using agricultural residues



HIGHLIGHTS

- Facility can process 4 metric tonnes of agro-waste per day
- Biofuel validated by IIT Chennai as equivalent to BIS VI & Euro VI norms
- Drop-in fuels - can be directly used in boilers & vehicles



CONNECT WITH TEAM

[Viraraghavan Sankaran](#) - Co-founder

[V S Shridhar](#) - Co-founder

[Gokul Badgujar](#) - Co-founder

[Shweta Viraraghavan](#) - CTO



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KEYWORDS

Agro-waste to fuels | Pyrolysis based fuels



HIMALAYAN ROCKET STOVE

Decarbonization avenue: Biomass for Heating & Power

 Chandigarh

 Founded: 2017



SOLUTION

Energy-efficient, affordable and clean heating and cooking system suited to Himalayan conditions.



TECHNOLOGY / PROCESS

Smokeless combustion, Dual combustion



BENEFITS

- | 50% fuel savings through reduced fuelwood usage
- | 90% smoke pollution reduction
- | 50% additional heat in room



HIGHLIGHTS

- | Uses dual combustion process for additional heat
- | Eco Series Rocket Stoves, EcoMini Rocket Stove
- |



CONNECT WITH TEAM

[Russell Collins](#), Founder & CEO



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[Website](#) | [LinkedIn](#) | [YouTube](#) | [Twitter](#)



KEYWORDS

Smokeless stoves | High-altitude heating

ILLUMINE-I

Decarbonization avenue: Utility Scale Solar PV

 Chennai

 Founded:2015



SOLUTION

Design support for solar PV power projects



TECHNOLOGY / PROCESS

Solar PV



BENEFITS

- | Quality solar engineering design at lower costs
- | Shorter turnaround time for solar design projects
- | Designs customised to specific needs



HIGHLIGHTS

- | Dedicated Project Manager to handle your account
- | Professional liability insurance for errors and omissions



CONNECT WITH TEAM

Nithish Sairam - Director (Board Member)



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KEYWORDS

Rooftop Solar System | Solav PV | PV System Design



IN(FICTION) LABS

Decarbonization avenue: Utility Scale Solar PV

 Bengaluru

 Founded: 2010



SOLUTION

Robotic solar panel cleaner



TECHNOLOGY / PROCESS

Robotics



BENEFITS

- Increases the solar plant's value, as damages caused by permanent soiling are avoided
- Reduces cleaning time due to high cleaning ability and cleaning quality



HIGHLIGHTS

- Cleans panels at zero risk of damage and at highly cost effective subscriptions
- User friendly robots incorporate motorized glass friendly brushes for cleaning



CONNECT WITH TEAM

[Havish Sreenath](#), Founder & CEO



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KEYWORDS

Solar panel cleaning robots

LOOM SOLAR

LOOM SOLAR

Decarbonization avenue: Distributed Solar PV



Founded: 2018



SOLUTION

Manufactures solar panels and lithium ion batteries.



TECHNOLOGY / PROCESS

Solar PV + Storage



BENEFITS

- High efficiency solar modules
- Multipurpose lithium ion batteries
- 2x Battery life with 100% charging efficiency



HIGHLIGHTS

- Received energy business of the year award for year 2021.
- Solutions are provided for power storage, off grid systems, solar panels, solar batteries.



CONNECT WITH TEAM

[Amol Anand](#) - Co-founder & Director

[Amod Anand](#) - Co-founder



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KEYWORDS

Solar plus battery solutions | Distributed solar power | Residential solar power

Oorja OORJA ENERGY ENGINEERING

Decarbonization avenue: Solar Thermal

 Hyderabad

 Founded: 2008



SOLUTION

Low carbon heating & cooling for industries, commercial establishments and buildings



TECHNOLOGY / PROCESS

Solar Thermal



BENEFITS

- Upfront Capex for cooling solution deployment is borne by Oorja
- Total cost of ownership is lower by 20-30% vis-à-vis standard HVAC



HIGHLIGHTS

- Cooling-as-a-Service
- Solar thermal solutions provide temperatures ranging from 60° C to 1200° C



CONNECT WITH TEAM

[Madhusudhan Rapole](#) - CEO & Founder



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KEYWORDS

Radiant Cooling | Radiant Heating | Solar Thermal Technologies | Solar Heating for Industrial Process Heat | Solar Cooling



RENEW POWER

Decarbonization avenue: Wind Power



Founded: 2011



SOLUTION

Utility scale wind power generation



TECHNOLOGY / PROCESS



BENEFITS

Wind energy presents a clean and renewable source of energy



HIGHLIGHTS

- High Performing Wind Turbine fleet
- 3.94 GW of commissioned wind energy assets.



CONNECT WITH TEAM

[Sumant Sinha](#), Founder & CEO

[Kedar Upadhye](#), CFO

[Balram Mehta](#), COO



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KEYWORDS

Wind energy



RENKUBE

Decarbonization avenue: Utility Scale Solar PV



Bengaluru

Founded: 2017



SOLUTION

Building efficient solar panels with motion free optical tracking technology



TECHNOLOGY / PROCESS

Optical tracking tech



BENEFITS

Motionless solar panel systems that increase yield without high investments



HIGHLIGHTS

- 20% higher energy output than traditional solar panels
- 12% lower Levelized Cost of Electricity (LCOE)
- ROI is about 3 years



CONNECT WITH TEAM

[Bangolae Lakshmikanth Balaji](#) -

Founder & CEO

[Lakshmi Santhanam, PhD](#) - Co-

founder& Principal Engineer

[Janardhana V](#) - Co-founder & President

[Deepika Gopal](#) - Co-founder & Researcher



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KEYWORDS

Motion free optical tracking | AI powered 3D glass design | Solar panel efficiency

SISTEMA BIO



Decarbonization avenue: Biofuels



Pune



Founded: 2016



SOLUTION

A prefabricated, modular biodigester



TECHNOLOGY / PROCESS

Biomethanation



BENEFITS

- Allows farmers to efficiently convert their waste into renewable energy and biofertiliser
- Provides access to biodigester technology, training, and financing for farmers



HIGHLIGHTS

- Distributed biogas technology, service and financing
- Serves both small and large farms



CONNECT WITH TEAM

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[Camilo Pages](#), Co-Founder & CPO



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KEYWORDS

Agricultural waste to generate biogas | Biodigester technology | Animal waste to energy

SKILANCER SOLAR



Decarbonization avenue: Utility Scale Solar PV



SOLUTION

Intelligent robot for automatic cleaning of solar panels



TECHNOLOGY / PROCESS

Robotics, Artificial Intelligence



BENEFITS

- Maximizes energy production from solar panels
- A water-free cleaning system
- Artificially intelligent, energy independent operation & daily cleaning of PV modules



HIGHLIGHTS

- Leverages technology for enhanced efficiency
- Centrally controlled robotic cleaning system for solar plants
- Cleaning solution for small rooftop solar systems



CONNECT WITH TEAM

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[Manish Das](#), Co-Founder & GM



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KEYWORDS

Robotic Cleaning of Solar Panels | Water-free Cleaning system of Solar panels



SOLARSQUARE ENERGY

Decarbonization avenue: Utility Scale Solar PV

 Mumbai

 Founded: 2015



SOLUTION

Rooftop solar company that also provides after sales service.



TECHNOLOGY / PROCESS

Process simplification, Consumer financing models



BENEFITS

- | Simplifies rooftop solar adoption
- | Saves a minimum of Rs. 2000 on electricity bills.
- | Offers guidance from rooftop inspection to solar system installation and post-installation care



HIGHLIGHTS

- | Provides easy financing options with multiple EMI schemes.
- | India's only UL- certified solar company.



CONNECT WITH TEAM

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[Shreya Mishra](#) - CEO - Residential Solar

[Nikhil Nahar](#) - Director -Technical



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KEYWORDS

Residential rooftop solar | Rooftop solar financing

SUNRISE CSP



Decarbonization avenue: Solar Thermal

 Vadodara

 Founded: 2018



SOLUTION

Industrial process heat and electricity generation plants using concentrated solar thermal energy.



TECHNOLOGY / PROCESS

Concentrated Solar Power



BENEFITS

- On-demand low carbon industrial process heating, cooling electricity generation
- Delivers a superior Return On Investment and cost of heat.



HIGHLIGHTS

- Can deliver steam from 100 °C to 600 °C and pressure 1 bar to 160 bar.
- Factory-in-the-Field (FIF) system that ultimately reduces deployment costs



CONNECT WITH TEAM

[Deepak Gadhia](#) - Chairman & Managing

Director, Sunrise CSP India

[Pranav Gadhia](#)- CEO, Sunrise CSP India

Pvt Ltd



ONLINE

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KEYWORDS

CSP | Solar Energy System | Solar PV | Solar Thermal System



VESAT SOLAR

Decarbonization avenue: Solar Thermal

 Coimbatore

 Founded: 2017



SOLUTION

Solar Water Heater for both industrial and domestic purposes



TECHNOLOGY / PROCESS



BENEFITS

Solar heaters reduce energy bills and dependence on the grid which in turn reduces power plant emissions.



HIGHLIGHTS

- Empanelled Supplier for IOCL & HPCL petrol bunks.
- Efficient Solar Collectors for faster heating.



CONNECT WITH TEAM

Tarun Venkatesh, Director



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KEYWORDS

Solar heaters



VIRYA PARAMITA

Decarbonization avenue: Hydro Power

 Visakhapatnam

 Founded: 2020



SOLUTION

Wave-Powered Desalination Unit for the Indian coastal locations.



TECHNOLOGY / PROCESS



BENEFITS

Wave energy provides an unlimited and clean source of energy



HIGHLIGHTS

Enables coastal communities be self sufficient in energy and improves blue economy



CONNECT WITH TEAM

Sunkara Sai Arun, CEO



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KEYWORDS

Wave energy | Blue economy | Coastal sustainability



X2FUELS & ENERGY

Decarbonization avenue: Biofuels

 Chennai

 Founded: 2018



SOLUTION

Developer of thermochemical technologies for conversion of biomass into liquid and solid fuels



TECHNOLOGY / PROCESS

Thermochemical conversion of bioma



BENEFITS

- Designed to cater to waste disposal problems of different sectors
- Compact, adaptable for different feedstocks, energy efficient and reliable
- Produce high-value crude, free of nitrogen and sulphur.



HIGHLIGHTS

- Hydrothermal liquefaction and pyrolysis to convert wastes to fuels and energy
- Feedstocks include lignocellulosic agri-residues, plastics, bio-organic wastes and municipal solid wastes



CONNECT WITH TEAM

[Dr Vinu R](#) - Co-founder

[Dr S R Chakravarthy](#) - Co-founder

[Nallasivam Jeganathan](#) - Chief

Technology Officer



ONLINE

[Website](#)



KEYWORDS

Biomass to Liquid Fuels | HTL of Biomass | Bio-oil from Biomass



ZUNROOF

Decarbonization avenue: Distributed Solar PV



Founded: 2016



SOLUTION

Rooftop solar and IoT based energy solutions



TECHNOLOGY / PROCESS

IoT, 3D modelling, Data analytics



BENEFITS

Rooftop solar panels reduce energy bill



HIGHLIGHTS

- App to track Sun movement optimises energy delivery
- Residential solar solutions using 3D modelling, data analytics



CONNECT WITH TEAM

[Pranesh Chaudhary](#), Founder & CEO

[Sushant Sachan](#), Co-Founder and Chief

R&D officer



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KEYWORDS

Rooftop solar energy | Residential rooftop solar | IoT enabled rooftop solar power

A PATH TO SUSTAINABLE & NET ZERO BUILDINGS

Energy Efficient

COOLING AS A SERVICE (CaaS)!

A path to Sustainable & Net Zero Buildings

Predictable monthly cooling expense

Opex savings from highly efficient systems

No maintenance costs

Scalable to meet changing needs

Lowers technology Risk

Reduction in carbon footprint

Access to best-in-class technologies




ENERGY EFFICIENCY



AURASSURE

Decarbonization avenue: Digital for Decarbonization

 Bhubaneswar

 Founded: 2022



SOLUTION

An IoT-enabled intelligent system to monitor various environment gases, dust and weather parameters



TECHNOLOGY / PROCESS

IoT



BENEFITS

- Low cost and portable systems
- Receive high spatio-temporal air quality information through sensor nodes
- Advanced standards of encryption for data authenticity



HIGHLIGHTS

- Utilizes Big Data and IoT to precisely monitor the air pollutant levels
- Wireless/GSM Connectivity



CONNECT WITH TEAM

[Vamsi Krishna](#) - CoFounder and CTO

[Akanksha Priyadarshini](#) - Co-Founder & CEO

[Raviteja Cherukuri](#) - Co-founder



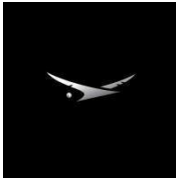
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[Website](#) | [LinkedIn](#) | [YouTube](#) | [Twitter](#)



KEYWORDS

Air Quality Monitor | IoT-based Flood Forecasting | IoT-based Flood Monitoring



ALBATROSS ENERGETICS

Decarbonization avenue: Energy Efficient Buildings

 Founded: 2020



SOLUTION

Desiccant enhanced air conditioning technology



TECHNOLOGY / PROCESS

HVAC&R



BENEFITS

- High quality air
- Novel absorptive materials offering high endurance
- High accuracy



HIGHLIGHTS

- Smart integrated control systems
- Intelligent air handling unit



CONNECT WITH TEAM



ONLINE

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KEYWORDS

Air Conditioning | HVAC | Dessicant Cooling



AMBEE

Decarbonization avenue: Digital for Decarbonization



Founded: 2017



SOLUTION

Air quality monitoring, IoT and environmental intelligence,



TECHNOLOGY / PROCESS

IoT



BENEFITS

- | Actionable environmental data for local govt
- | Climate risk assessment for pharmaceutical and supply chain companies



HIGHLIGHTS

- | Hyperlocal air-pollution data; 150+ countries
- | Industry specific datasets.
- | Attractive monitoring APIs



CONNECT WITH TEAM

[Jaideep Singh Bachcher](#), Co-founder,

CEO

[Akshay Joshi](#), Co-Founder

[Madhusudhan A](#), Co-founder, CTO



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KEYWORDS

Air quality monitoring | Supply chain climate risk assessment



CERCLE X

Decarbonization avenue: Digital for Decarbonization

 Coimbatore

 Founded: 2020



SOLUTION

Web3-based, blockchain-enabled ecosystem of smart waste management solutions



TECHNOLOGY / PROCESS

Web3 and Blockchain



BENEFITS

- End-to-end Industrial waste management from pickup to processing
- Real-time dashboard ensures transparency & traceability for every shipment.
- No paperwork, complete digital documentation



HIGHLIGHTS

- ScrapMarket application with simple and clear scrap listing.
- Multi-functional single dashboard to manage and monitor waste



CONNECT WITH TEAM

[Vishnu Vardhaan](#) - CEO and Co-Founder

[Divya Shetty](#) - COO and Co-Founder



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KEYWORDS

Digital Waste Management | Digital Scrap Market



DATASEE.AI

Decarbonization avenue: Digital for Decarbonization



SOLUTION

Image analytics with use cases in renewable energy & agriculture



TECHNOLOGY / PROCESS

Artificial Intelligence



BENEFITS

- Greater organisational transparency and improved efficiency
- Data flow architecture quickly converts unstructured data for quick, easy decision making.
- Reduces operational cost by accelerating turnaround time



HIGHLIGHTS

- High resolution digital twin of physical assets
- Single platform view for all stakeholders
- 30 plus countries serviced



CONNECT WITH TEAM

[Bhaskar Raghunathan](#) - Founder & CEO

Mike Mulica - Chairman

[Larry Ding](#) - Board Member and acting

CMO



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KEYWORDS

Image analytics in Agriculture | Image Analytics in Renewable Energy



DRONEBASE

Decarbonization avenue: Digital for Decarbonization

 California

 Founded: 2014



SOLUTION

Intelligent aerial imaging company for high-value infrastructure



TECHNOLOGY / PROCESS

Aerial Imaging



BENEFITS

- High fidelity data & high-resolution imagery with advanced analytics
- Efficiently assess anomalies and maintenance requirements
- Flexible, scalable solution to inspect, manage solar & wind energy assets



HIGHLIGHTS

- Visual Audit & Module ID Mapping
- Over 80,000 professional drone pilots, operating in over 70 countries



CONNECT WITH TEAM

[Dan Burton](#) - Founder and CEO

[Aditya bhat](#) - Managing Director, APAC



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KEYWORDS

Imaging of High Value Structures | Aerial imaging



ECOSTP

Decarbonization avenue: Energy Efficient Industrial Equipment



Bengaluru
Founded: 2021



SOLUTION

Use of biomimicry to sustainably treat sewage water



TECHNOLOGY / PROCESS

Biomimicry



BENEFITS

Chemical-free, motion-free, powder-free and odourless water treatment solutions



HIGHLIGHTS

- Mimics the action of cow's stomach
- 3C model - Co-create, Co-execute and Co-evolve is inspired by the disciplined ant colony collective system



CONNECT WITH TEAM

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KEYWORDS

Chemical-free wastewater treatment



ECOLIBRIUM ENERGY

Decarbonization avenue: Digital for Decarbonization



Bengaluru
Founded: 2008



SOLUTION

IoT-based advanced energy analytics
platform for energy consumption



TECHNOLOGY / PROCESS

IoT, Analytics



BENEFITS

- Helps industries and buildings become more energy efficient
- Uses demand-side-response to reduce the energy consumption of industries



HIGHLIGHTS

- A platform to make industries & buildings smarter using Internet of Things (IoT) and ML
- Converts energy usage across enterprises into intelligence



CONNECT WITH TEAM

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[Harit Soni](#), Founder



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KEYWORDS

Real-time monitoring energy consumption | IoT-based energy monitor | Smart building energy monitor

EDGEGRID

 oedgegrid

Decarbonization avenue: Smart Grids

 Hyderabad 

Founded: 2016



SOLUTION

A platform to enable the energy transition for last-mile customers



TECHNOLOGY / PROCESS

Smart grid



BENEFITS

- Managing last-mile delivery of energy-reducing consumer utility bills
- Connects sellers with individuals, businesses and distribution companies that need energy services



HIGHLIGHTS

- Easy to install and use in just few taps
- Earn rewards via payments & referrals
- Empowers customer to take control of their consumption and supply possibilities



CONNECT WITH TEAM

[Prasad Yereni](#), Founder

[Sunil Kumar Talla](#), Founder

[Mushtaq Ahmed](#), Co-founder



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KEYWORDS

Energy transition for last-mile customers



ENERGEIA

Decarbonization avenue: Energy Efficient Buildings



SOLUTION

End-to-end service for monitoring, identifying, financing & implementing solutions within a shared energy savings business model

TECHNOLOGY / PROCESS

IoT



BENEFITS

- | Accurate and reduced electricity bill
- | Can be integrated into existing meters having Modbus



HIGHLIGHTS

- | ISO 50002:2014 comprehensive energy audits
- | BEE accredited energy auditors



CONNECT WITH TEAM

[Sookrit Malik](#) - Chief Executive Officer

[Amlan Panda](#) - Chief Technology Officer



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KEYWORDS

Shared Energy Savings | Fuel Conversion Systems

ENERGYLY



Decarbonization avenue: Digital for Decarbonization



Chennai

Founded: 2018



SOLUTION

IoT based energy monitoring & control for machinery & equipment



TECHNOLOGY / PROCESS

IoT



BENEFITS

- Provide viable insights and solutions for data driven decisions
- Delivers visibility on energy usage, machine performance, production line monitoring



HIGHLIGHTS

- Real-time data availability to assist user in determining where to adjust their energy usage
- IoT Based Monitoring Device combined with the power of cloud computing & mobility



CONNECT WITH TEAM

[Dayal Nathan](#), Founder & CEO



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KEYWORDS

Industrial energy intelligence | Energy analytics for industries



ENERLYF

Decarbonization avenue: Energy Efficient Industrial Equipment

 Founded: 2017



SOLUTION

Device for increasing the energy efficiency of air conditioners



TECHNOLOGY / PROCESS

Energy Efficiency Devices



BENEFITS

- Upto 35% savings in AC bill
- The inbuilt temperature and humidity sensor detects the surrounding climate and maintains temperature.



HIGHLIGHTS

- Builds a schedule by syncing AC and Ceiling/Wall/Pedestal Fan
- Track your savings with an Intelligent Analytics feature



CONNECT WITH TEAM

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KEYWORDS

Smart Devices for AC | Save Electricity Bills on ACs

ENRECOVER ENERGY



Decarbonization avenue: Energy Efficient Industrial Equipment



SOLUTION

Industrial machines to convert waste heat/pressure to electricity.



TECHNOLOGY / PROCESS

Organic rankine cycle



BENEFITS

- Reduces energy tariff and immediate savings
- Clean electricity and carbon footprint reduction
- Power generation from reduced heat input



HIGHLIGHTS

- Robust and leakproof design, fully automated systems with real time data analysis.



CONNECT WITH TEAM

[Sagar Shelot](#) - Co Founder

[Prajyot Singh](#) - Co Founder



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KEYWORDS

Waste heat to electricity | Industrial energy recovery

Exact Space
SOLUTION PROVIDER

EXACT SPACE

Decarbonization avenue: Low Carbon Thermal Power

 Bengaluru 

Founded: 2018



SOLUTION

Optimising thermal power generation by monitoring and analysing plant data using AI



TECHNOLOGY / PROCESS



BENEFITS

Optimised power plants generate less emissions thus improving local environment



HIGHLIGHTS

- Seamless fleet monitoring helps lower O&M costs
- Performance optimisation Improves plant Heat Rate, Boiler Efficiency



CONNECT WITH TEAM

[Rahul Raghunathan](#), Co-founder

[Arun Jose](#), Co-founder

[Boben Anto](#), Co-founder



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KEYWORDS

Software-As-A-Service | Efficient thermal power | Power plant monitoring

GRAM POWER



Decarbonization avenue: Smart Grids

 Jaipur

 Founded: 2010



SOLUTION

Smart electricity metering system & solutions for power distribution management.



TECHNOLOGY / PROCESS

Artificial intelligence, Analytics



BENEFITS

- Distribution loss reduction with smart meter & grid management
- 30% savings on electricity.
- 94% loss reduction through smart grid management.



HIGHLIGHTS

- Detects 26 types of meter tampering.
- Power distribution map, automated billing, variable pricing.
- AI powered industry productivity tools.



CONNECT WITH TEAM

[Yashraj Khaitan](#) - Founder



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KEYWORDS

Metering as a service | Smart electricity meters | Digitizing power distribution

GREEN SKETCH CONSULTANTS

GREENSKETCH

Decarbonization avenue: Energy Efficient Buildings

 Chennai 

Founded: 2014



SOLUTION

Green building design and consultancy firm



TECHNOLOGY / PROCESS

Energy efficiency as a service, IoT



BENEFITS

- Determine projected energy savings with comprehensive Energy Modeling Services.
- Energy model coupled with a cost based payback analysis to give the best savings.
- Prepare daylight simulation and shading analysis reports for submission to LEED, IGBC and GRIHA certification.



HIGHLIGHTS

- Design optimum facades for maximum daylight with minimum heat exposure.
- Comprehensive study through utility bills, spot readings and other logs and records.



CONNECT WITH TEAM

[Krithikha Muthukrishnan](#) - Partner and
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KEYWORDS

Green Building Design | Green Building Solutions

INTELLO LABS



Decarbonization avenue: Digital for Decarbonization

 Gurgaon 

Founded: 2019



SOLUTION

Use of artificial intelligence for digitizing food quality control process



TECHNOLOGY / PROCESS

Artificial intelligence



BENEFITS

- Helps in improving the despatch quality by upto 20%
- Upto 50% reduction in wastage due to wrong purchase
- Helps food businesses to improve customer satisfaction and reduce losses



HIGHLIGHTS

- Automation in supply chain management of fresh fruits, vegetables, spices, and nuts
- Help farmers, traders etc. in determining the quality of their fruits and vegetables



CONNECT WITH TEAM

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[Nishant Mishra](#), Co-Founder & CTO

[Himani Shah](#), Co-Founder



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KEYWORDS

Digitizing food quality | AI for fruits & vegetables quality checking

NEWLEAF DYNAMIC



Decarbonization avenue: Heat Pumps

 Noida

 Founded: 2012



SOLUTION

Biomass powered refrigeration units for farm produce.



TECHNOLOGY / PROCESS

Biomass-based power generation



BENEFITS

- Refrigeration without using grid power or diesel.
- Using crop residues prevent stubble burning.



HIGHLIGHTS

- Refrigeration unit uses proprietary materials and processes
- Loading capacity upto 5 MT/day
- Reduces storage operations costs massively



CONNECT WITH TEAM

[Ashish Vaishnav](#), CEO & Director

[Akash Agarwal](#), Co-Founder & CEO

[Anurag Agarwal](#)



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KEYWORDS

Biomass powered refrigeration



POWERBOT

Decarbonization avenue: Energy Efficient Industrial Equipment

 Pune

 Founded: 2017



SOLUTION

A smart meter that provides an end-to-end solution for industries and commercial buildings



TECHNOLOGY / PROCESS

Smart power metering, Pay as you save model



BENEFITS

- Helps save up to 20% on electricity bills
- Identifies opportunities for energy conservation that have high returns on investment



HIGHLIGHTS

- Zero upfront cost
- End-to-end solution
- Actionable insights



CONNECT WITH TEAM

[Anand Teke](#), Co-Founder

[Hemant Shinde](#), Co-Founder



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KEYWORDS

Commercial building energy optimization | Electricity consumption data analysis

PRESCINTO TECHNOLOGIES



Prescinto

Decarbonization avenue: Digital for Decarbonization

Bengaluru

Founded: 2016



SOLUTION

Data monitoring and analysis for solar energy, wind power and energy storage assets



TECHNOLOGY / PROCESS

Artificial intelligence



BENEFITS

- Using actionable insights to reduce generation loss, increase profitability
- Can achieve upto 10x RoI



HIGHLIGHTS

- Proprietary AI enhances performance of renewable assets
- User friendly API
- Monitoring over 12 GW of clean energy projects



CONNECT WITH TEAM

[Puneet Singh Jaggi](#), Founder & CEO

[Sanjay Bhasin](#), Co-founder & CSO

[Ramadas C Menon](#), Co-found



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KEYWORDS

Solar energy data monitoring | SAAS for renewable energy

PROBUS SMART THINGS

Probus

Decarbonization avenue: Smart Grids

 New Delhi

 Founded: 2020



SOLUTION

IoT solutions for electricity distribution utilities



TECHNOLOGY / PROCESS

Cloud, IoT



BENEFITS

- Electrical utilities get real time visibility of field assets and their performance.
- Reliable last mile distribution connectivity.



HIGHLIGHTS

- End to end sub-station monitoring and automation solution.
- Completely wireless.
- Modular, plug and play architecture.



CONNECT WITH TEAM

[Anand Singh](#) - Co Founder

[Ankit Vaish](#) - Co Founder

[Sunny Kumar Jadoon](#) - Co Founder



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KEYWORDS

Smartgrid automation | IoT for power utilities



PROMETHEAN ENERGY

Decarbonization avenue: Industrial Waste Heat Recovery

 Navi Mumbai

 Founded: 2017



SOLUTION

Digitally enabled waste heat recovery solution for industrial and commercial application



TECHNOLOGY / PROCESS

IoT, Waste heat utilization



BENEFITS

- Reduces 75% of heating cost by recovering waste heat.
- Provides online monitoring systems to record in real-time how much energy is being saved
- Compact, payback in around 12-18 months



HIGHLIGHTS

Relevant for industries such as chemicals, textiles, dairy, food and hospitality



CONNECT WITH TEAM

Ashwin Krishna K P, Co-Founder

Rajat Agarwal, Co-Founder



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KEYWORDS

Waste heat recovery from air compressors | Waste heat recovery from hot gases | Waste heat recovery from chiller units



RECONNECT ENERGY

Decarbonization avenue: Digital for Decarbonization

 Bengaluru 

Founded: 2010



SOLUTION

Weather forensics for optimal performance of renewable energy assets



TECHNOLOGY / PROCESS

Artificial intelligence, IoT



BENEFITS

- Optimal grid and renewable energy management
- Risk assessment and mitigation for renewable energy companies



HIGHLIGHTS

- AI based weather forecasting models.
- IoT Telemetry for Renewables



CONNECT WITH TEAM

[Vishal Pandya](#), Co-founder & director

[Vibhav Nuwal](#), Co-founder & director

[Madhusudhan C](#), CTO



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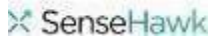
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KEYWORDS

Weather forensics for renewable assets | Renewable assets risk mitigation | Grid integration of renewable energy

SENSEHAWK



Decarbonization avenue: Digital for Decarbonization



Bengaluru

Founded: 2017



SOLUTION

AI powered software for the planning and monitoring of large-scale solar projects.



TECHNOLOGY / PROCESS

Artificial intelligence, Thermography



BENEFITS

Enhances quality and reduces cost of utility scale solar power projects



HIGHLIGHTS

- Aerial drone thermography
- Construction monitoring and topography
- Terrain analysis and document management



CONNECT WITH TEAM

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[Rahul Sankhe](#) - Co- Founder



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KEYWORDS

AI-powered software for solar lifecycle | Solar power plant construction



SHERU

Decarbonization avenue: Digital for Decarbonization



SOLUTION

Cloud-based aggregation of idle battery capacity for virtual energy storage



TECHNOLOGY / PROCESS

Cloud computing



BENEFITS

- Creating a global network of distributed batteries
- Storage can be scaled and accessed on demand
- Minimizes T&D losses.



HIGHLIGHTS

- Making energy storage virtual
- Features include OS for battery swapping, scale up suite for battery makers



CONNECT WITH TEAM

[Ankit Mittal](#) - Co-founder and CEO

[Shikhar Sharma](#) - Co-founder and COO

[Nakul Menon](#) - Co-founder & CTO



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KEYWORDS

Cloud based energy storage platform



SMART JOULES

Decarbonization avenue: Energy Efficient Industrial Equipment

 New Delhi

 Founded: 2020



SOLUTION

IoT based energy-efficiency-as-a-service platform



TECHNOLOGY / PROCESS

Energy efficiency as a service, IoT



BENEFITS

Enables equipment control for optimal operations to eliminate wastage of energy



HIGHLIGHTS

- Control of equipment possible from anywhere, any time
- Uses customized optimization algorithms



CONNECT WITH TEAM

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KEYWORDS

IoT-based energy management software platform | Energy efficiency for commercial sector



SUNDAYGRIDS

Decarbonization avenue: Smart Grids



Bengaluru

Founded: 2014



SOLUTION

Digital platform to get clean energy credits through use of virtual solar power.



TECHNOLOGY / PROCESS

Community solar, Cloud computing



BENEFITS

- Easy to adapt to solar energy without any installation.
- Digital access to solar panels on a different location.
- Savings on power bills .



HIGHLIGHTS

- Portions of solar panels called 'Biscuits' can be subscribed.
- Solar panel hosts pay for the power and the credits are passed to users.



CONNECT WITH TEAM

[Mathew Samuel](#) - Co Founder - Strategy

[Naseer Sathyala](#) - Co Founder -

Engineering

[Tarun Joseph](#) - Co Founder - Design



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KEYWORDS

Virtual solar power | Distributed solar power without panel installation



SUSTLABS

Decarbonization avenue: Energy Efficient Buildings

 Mumbai

 Founded: 2022



SOLUTION

Real-time energy monitoring bot designed for residential electricity users



TECHNOLOGY / PROCESS

Smart meter



BENEFITS

- An electricity activity tracker designed to help one become energy wise
- Real-time auditing tool tracks electricity consumption and sends alerts and notifications



HIGHLIGHTS

Can be used for a variety of residences - bungalows, flats, small offices and tenements



CONNECT WITH TEAM

[Rohan Gupta](#), Co-Founder & CTO

[Soumya Bhattacharya](#), Co-Founder &

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[Kaushik Bose](#), CEO



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KEYWORDS

Smart home energy meter



TRST01

Decarbonization avenue: Digital for Decarbonization



Hyderabad

Founded: 2019



SOLUTION

Blockchain solutions for digital transformation of agriculture and other sectors.



TECHNOLOGY / PROCESS

Blockchain , IoT



BENEFITS

- Improves trust, transparency and traceability among end-users
- Real time monitoring of products with Industry 4.0 tools.



HIGHLIGHTS

- Uses web3 tech stack to create awareness on climate change .
- Robust and effective contracts, combats document frauds .



CONNECT WITH TEAM

[Prabir Mishra](#) - Founder and CEO

[Suraj Teja](#) - Co-founder and CSO



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KEYWORDS

Blockchain for agriculture | Transparency in agri value chain | Traceability in agri value chain

THERMELGY



Decarbonization avenue: Energy Efficient Industrial Equipment

 Chennai 

Founded: 2019



SOLUTION

IoT devices and AI platform for industrial energy efficiency



TECHNOLOGY / PROCESS

IoT, AI, Cloud computing



BENEFITS

- Reduction in energy bills and unplanned breakdown in building complexes
- Improved handling of equipment, reduces equipment breakdown & operational expenses



HIGHLIGHTS

- Custom solutions for OEMs, commercial establishments and system integrators
- Customized solutions for specific sectors such as hospitality, manufacturing etc



CONNECT WITH TEAM

[Satyanarayanan Seshadri](#) - Co-founder

[Jayesh Jain](#) - Co-founder



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KEYWORDS

Digital industrial energy efficiency solution | HVAC energy efficiency | IoT & AI for industrial heating & power



TRACEX TECHNOLOGIES

Decarbonization avenue: Digital for Decarbonization

 Bengaluru 

Founded: 2014



SOLUTION

Blockchain-based digital platform to make food supply chain climate resilient.



TECHNOLOGY / PROCESS

Blockchain



BENEFITS

- Transparency & traceability in supply chains.
- Verifiable information makes consumers brands
- Instant implementation of quality control processes



HIGHLIGHTS

- Digital traceability supply chain solution
- Web solutions for pre and post harvest management
- Farm level reports using data analytics



CONNECT WITH TEAM

[Srivatsa Sreenivasarao](#) - CEO and Co

founder

[Anil Nadig](#) - Co founder



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KEYWORDS

Blockchain for food supply chain transparency | Food supply chain traceability

VIRTUAL FOREST



Decarbonization avenue: Energy Efficient Industrial Equipment

 Bengaluru 

Founded: 2016



SOLUTION

Energy-efficient intelligent motor controllers for EVs and solar pumps



TECHNOLOGY / PROCESS

Intelligent motor control



BENEFITS

- Helps reduce energy consumption of equipment & machinery through smart device controllers
- Provides a one shop stop for OEMs



HIGHLIGHTS

- Motor controllers for homes control automatically using embedded algorithms
- Powering home appliance & EV ecosystems via integrated tech for motor control electronics & human interface



CONNECT WITH TEAM

[Omer Basith](#) - Founder & CEO

[Sandeep Kejriwal](#) - Co-Founder & CFO

[Nazir Tolagi](#) - Co-Founder & CTO



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KEYWORDS

Energy-Efficient Controllers | Motor Controllers for Electric Vehicles



WELFUND

Decarbonization avenue: Digital for Decarbonization



Founded: 2022



SOLUTION

Digital lending platform connecting lenders & borrowers for sustainable energy projects



TECHNOLOGY / PROCESS



BENEFITS

- Connects curated startup projects with investors and lenders.
- Ensures timely funding for climate-tech startups.



HIGHLIGHTS

- Conducts in-depth credit analysis.
- Provides comprehensive rating for clean energy projects
- Analyzes 1000+ data-points to mitigate project risks



CONNECT WITH TEAM

[Shankar Sivan](#), CEO & Founder

[Sakshi Bhuwania](#), CoS & Co-founder

[Ramaraaj Jeganmohan](#), VP business

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[Rahul Kashetty](#), Senior Executive



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KEYWORDS

Digital lending | Finance accelerator



ZEDBEE

Decarbonization avenue: Energy Efficient Buildings



Founded: 2015



SOLUTION

Cloud-based energy management solutions focusing on the energy efficiency of HVAC systems



TECHNOLOGY / PROCESS

Cloud, AI/ML



BENEFITS

- Dynamic algorithm for improved manageability and less maintenance.
- Accessible by both web & mobile application



HIGHLIGHTS

- Wireless remote accessibility interface
- AI/ML leveraged performance indices



CONNECT WITH TEAM

[Ankit Poddar](#) - Founder & CEO

[Sanjay Batra](#) - Vice President



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KEYWORDS

Cloud-based Energy Management



ZODHYA

Decarbonization avenue: Energy Efficient Buildings

 Hyderabad

 Founded: 2017



SOLUTION

AI based air conditioner energy efficiency & energy saving solution for commercial buildings and real estate



TECHNOLOGY / PROCESS

Artificial intelligence



BENEFITS

- The unique patented device can reduce AC energy bills by 30%
- Helps detect in real time malfunctioning and inefficient hotspots



HIGHLIGHTS

- AI-based air conditioning control device which can be installed externally without disturbing the existing circuit
- Real-time energy predictions possible



CONNECT WITH TEAM

[Rohith Pallerla](#) - Co-Founder

[Sharathmani Chinnasethi](#) - Co-Founder

[Adityanath D](#) - Co-Founder



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KEYWORDS

AI-based building energy efficiency | Real time building energy prediction



100,000+

Solar Power Plant
Projects



1 GW +

Installed Solar
Plants Engineered



25 million

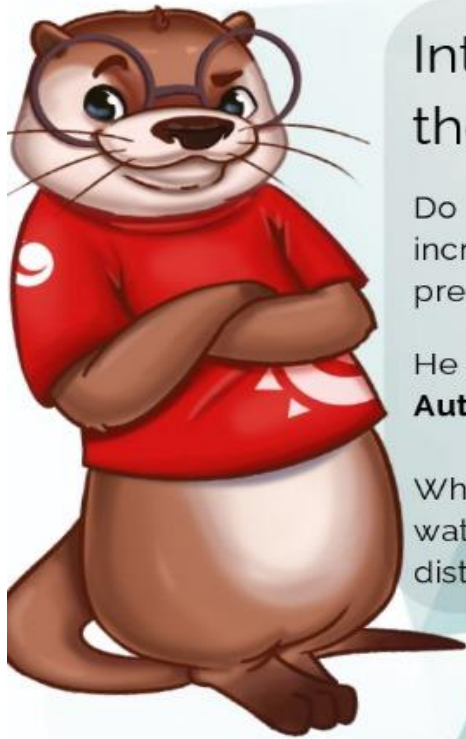
sqft of commercial
spaces designed



1.2 billion

Tons of CO₂
emissions avoided

**Building a Greener Future
Today.**



Introducing **Ive Otterson**, the official mascot of **ILLUMINE i**

Do not be fooled by his cuteness alone, because he is increasingly **Bold & Aggressively Competitive** towards his predators

He has **Overflowing Positivity, Evermoving Curiosity & Authoritatively Diligent**

What's more interesting is that he **hates loneliness**. Ive and his water buddies always join hands to overcome tidal disturbances, **like a Tribe**,

We are transforming the world of engineering through our Super-human Resources (Viz. Geeks), who made us the **World's Largest Independent Digital Design Engineering Firm in the Residential PV**

Our teams are **brand ambassadors of green innovation** and excellence, infusing departmental operations with passion and dedication.

We cherish **our tribes**, for we understand that true success lies in **unity & collaboration**, just as Ive values the strength of companionship during tough times.

But when it comes to facing challenges head-on, we are **fiercely competitive**, outshining industry players by a huge margin



ENERGY STORAGE



ALOE ECELL

Decarbonization avenue: Battery Storage



Founded: 2018



SOLUTION

Liquid cell batteries from aloe vera.



TECHNOLOGY / PROCESS

Electrochemistry, Bioprocessing



BENEFITS

- ▮ No toxic material leakage on expiry.
- ▮ Biodegradable electrolyte.



HIGHLIGHTS

- ▮ National Start up Award winner 2020
- ▮ Aloe batteries provide stable voltage and better durability than existing batteries.



CONNECT WITH TEAM

[Nimisha Varma](#) - Co-founder

[Naveen Suman](#) - Co-founder



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KEYWORDS

Biodegradable batteries | Bio-based batteries



CHARGEKART

Decarbonization avenue: Battery Storage

 Hyderabad

 Founded: 2022



SOLUTION

Mobile charging units that provide on-site delivery of clean energy



TECHNOLOGY / PROCESS

Cloud, Battery Storage



BENEFITS

- Cloud-based smart charging allows the charging station owner to remotely monitor, manage the devices
- Chargekart app facilitates the reservation of slot before reaching the location



HIGHLIGHTS

- AI & ML can monitor the state of charge in the vehicle
- Microgrid energy production



CONNECT WITH TEAM

[Arun Reddy Thumma](#) - Co-Founder, CEO & CFO

[Geetha Ravali](#) - Founder, CTO



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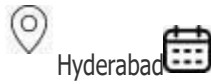
KEYWORDS

Mobile EV Charger



CYGNI

Decarbonization avenue: Battery Storage



Hyderabad

Founded: 2016



SOLUTION

Customized low cost Li-ion batteries



TECHNOLOGY / PROCESS

Battery thermal management



BENEFITS

Low cost, light weight, swappable batteries can enable faster electrification of India's transport fleet



HIGHLIGHTS

- Maintenance free batteries with excellent thermal management
- Automatic cell balancing and short circuit protection



CONNECT WITH TEAM

[Venkat Rajaraman](#) - Co-Founder

[Paramjit Singh](#) - COO



ONLINE

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KEYWORDS

Li-ion batteries | Low maintenance batteries

ESMITO



Decarbonization avenue: Battery Storage

 Chennai

 Founded: 2018



SOLUTION

IoT based battery management system,
battery swapping network & infrastructure
management platform



TECHNOLOGY / PROCESS

Smart charging, Smart battery swapping,
Analytics



BENEFITS

Their integrated charging, swapping &
analytics solutions can accelerate adoption
of electric vehicles in India



HIGHLIGHTS

- Cloud connectivity with analytics along with GPS, 2G/4G & BLE
- Real-time monitoring, control, and management of EV infrastructure



CONNECT WITH TEAM

[Akhila Vijaykumar](#) - Co-founder

[Prabhjot Kaur](#) - Co-founder

[Hasan Ali](#) - Co-founder



ONLINE

[Website](#) | [LinkedIn](#) | [YouTube](#)



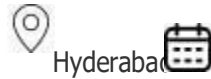
KEYWORDS

IoT enabled batteries | Battery swapping management



GODI

Decarbonization avenue: Battery Storage



Hyderabad

Founded: 2020



SOLUTION

R&D and production of Li-ion cells, Na-ion cells and Supercapacitors



TECHNOLOGY / PROCESS

Supercapacitors, New electrode materials



BENEFITS

- Electrode materials engineered enhance the energy density, battery life cycle.
- Enhanced safety of batteries.



HIGHLIGHTS

- Environmentally friendly electrode making processes
- Recycling of spent batteries
- Giga-scale manufacturing.



CONNECT WITH TEAM

[Mahesh Godi](#) - Founder



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KEYWORDS

Advanced battery technology | Li-ion battery cells | Sodium-ion battery cells | Supercapacitors

GEGADYNE ENERGY



Decarbonization avenue: Battery Storage

 Mumbai

 Founded: 2013



SOLUTION

Patented next-generation batteries using nano-technology with fast charging capabilities and longer life



TECHNOLOGY / PROCESS

Nanotechnology



BENEFITS

High performance, fast charging batteries can accelerate the transition to a low carbon electric mobility



HIGHLIGHTS

- Can be used in EVs, electronic devices and in telecom towers
- 15 minutes to charge from 0-100%, 10x life compared to a Li-ion battery



CONNECT WITH TEAM

[Jubin Varghese](#) - Co-Founder

[Amey Gadiwan](#) - Co-Founder



ONLINE

[Website](#) | [LinkedIn](#) | [YouTube](#) | [Twitter](#)



KEYWORDS

High energy density storage | Nanotech based fast charging batteries



IGRENERGI

Decarbonization avenue: Battery Storage

 Bengaluru 
Founded: 2013



SOLUTION

Battery management using AI and advanced electronics



TECHNOLOGY / PROCESS

AI, Power electronics



BENEFITS

BMS that monitors cell level health and charge state in real time thereby eliminating energy wastage.



HIGHLIGHTS

- 2x faster charging, 20% higher range, 20% longer life than lithium ion battery
- Advanced power electronic control system with patented dynamic balancing system



CONNECT WITH TEAM

[Jiten Apte](#) - Co-Founder & CEO

[Dr.Sunit Tyagi](#) - Co-Founder & CTO

[Dr.Hemanshu Bhatt](#) - Co-Founder & EVP

[Prof.Sujit Dey](#) - Co-Founder & Director



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[Website](#) | [LinkedIn](#) | [YouTube](#)



KEYWORDS

Battery management system | Real-time EV battery monitoring system

INDIENERGY



Decarbonization avenue: Battery Storage



Founded: 2019



SOLUTION

Sodium-ion battery manufacturing using ecofriendly materials



TECHNOLOGY / PROCESS

Electrochemistry



BENEFITS

- | Safe, high performance, fast charging batteries
- | Eco-friendly battery materials using natural resources



HIGHLIGHTS

- | Uses sodium to store electricity
- | 500 mAh rated pouch cells of both Li-ion and sodium-ion batteries



CONNECT WITH TEAM

- | [Akash Soni](#) - Co-founder & CEO
- | [Dr.Asit Sahoo](#) - Co-founder & Chief Battery Scientist
- | [Dr.Nagesh Kumar](#) - Co-founder & Chief Material Scientist
- | [Prof. Yogesh Kumar Sharma](#) - Co-founder & Head of H&R



ONLINE

[Website](#) | [LinkedIn](#) | [YouTube](#) |



KEYWORDS

- | Eco friendly batteries | Sodium ion batteries | Fast charging batteries

ION ENERGY

IONENERGY

Decarbonization avenue: Battery Storage



Founded: 2017



SOLUTION

Electronics and software for management for electric vehicles and batteries



TECHNOLOGY / PROCESS

Electronic platform as a service, Digital twin, Predictive analytics



BENEFITS

- Management and analytics solutions helps enhance the performance of electric vehicles and EV batteries
- Electronic platform as a service (PaaS) helps reduce overall cost 30-40%



HIGHLIGHTS

- Real time fleet management using cloud analytics
- Digital twin platform for predictive analytics



CONNECT WITH TEAM

[Akhil Aryan](#), Co-Founder & CEO

[Alexandre Collet](#), Co-Founder & CTO



ONLINE

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KEYWORDS

Smart batteries | Battery management systems



LOG 9 MATERIALS

Decarbonization avenue: Battery Storage



Bengaluru

Founded: 2015



SOLUTION

Production of nanotech based battery cells



TECHNOLOGY / PROCESS

LTO battery chemistry, Ultracapacitors,
Nanotechnology



BENEFITS

- Provides peak performance across wide temperature range
- Two wheelers and three wheelers can be charged in minutes



HIGHLIGHTS

- Patented cell technology
- Battery designed to get fully charged within 40 minutes
- Designed to work in tough Indian weather conditions



CONNECT WITH TEAM

[Akshay V.Singhal](#), Co-Founder & CEO

[Kartik Hajela](#), Co-Founder & COO



ONLINE

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KEYWORDS

Fast charging battery technology | Nanotech for batteries

MATTER ENERGY



Decarbonization avenue: Battery Storage

 Ahmedabad

 Founded: 2020



SOLUTION

Technology enabled solutions for energy storage and energy management.



TECHNOLOGY / PROCESS

Smart batteries



BENEFITS

- Vehicle energy usage optimization
- Inhouse battery packs suited to Indian conditions
- Minimal maintenance requirements



HIGHLIGHTS

- Mobility, stationary and customized energy storage solutions.
- Uses case based approach to model real life situations.



CONNECT WITH TEAM

[Mohal Lalbhai](#) - Founder -CEO

[Arun Pratap Singh](#) - Co-founder - COO

[Saran Babu](#) - Co-founder - Chief Design

Officer



ONLINE

[Website](#) | [LinkedIn](#) | [YouTube](#)



KEYWORDS

Battery as a service | Customized energy storage | Smart battery packs



NEWTRACE

Decarbonization avenue: Green hydrogen



Founded: 2018



SOLUTION

Electrolyzers and electrolyzer management system.



TECHNOLOGY / PROCESS

Electrolysis, Data analytics, Robotics



BENEFITS

- Reduces capital and operating cost
- Scalable electrolyzer technology to meet the growing demands



HIGHLIGHTS

- | Aims to produce green hydrogen for \$1/Kg.
- | Data integrated into a single automated platform to ensure peak performance.



CONNECT WITH TEAM

[Prasanta Sarkar](#) - Co founder

[Rochan Sinha](#) - Co founder



ONLINE

[Website](#) | [LinkedIn](#)



KEYWORDS

Green hydrogen electrolyzers | Next-gen affordable electrolyzers | Electrolyzer management system



OFFGRID ENERGY LABS

Decarbonization avenue: Battery Storage

 Noida

 Founded: 2021



SOLUTION

Zinc-Gel battery technology



TECHNOLOGY / PROCESS

Electrochemistry



BENEFITS

- Sustainable, safe & cost-efficient battery technology
- Use of commonly available, recyclable materials and energy-efficient manufacturing
- Increased efficiency and reduced cost in battery storage



HIGHLIGHTS

- ZincGel batteries are zinc-based and utilise materials readily available in India
- They are non-toxic



CONNECT WITH TEAM

Tejas Kusrker, Co-Founder & CEO

Brindan Tulachan, Co-Founder & CTO



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KEYWORDS

Innovation in battery technology | Battery manufacturing systems | Eco-friendly battery



OHMIUM

Decarbonization avenue: Green hydrogen

 Bengaluru 
Founded: 2020



SOLUTION

Proton Exchange Membrane (PEM)
electrolyzers for producing green hydrogen



TECHNOLOGY / PROCESS

Electrolysis



BENEFITS

- Scalable with an interlocking modular system design
- Stabilises energy supply and mitigates renewable energy efficiency.
- Powers heavy duty trucks and increases operational flexibility.



HIGHLIGHTS

- Uses 100% renewable energy to produce green hydrogen.
- Compact and portable human sized units.
- High plant availability and customized hydrogen products



CONNECT WITH TEAM

[Arne Ballantine](#) - CEO & Co-founder

[Kirsten Burpee](#) - Chief Compliance Officer

& Co-founder



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KEYWORDS

PEM electrolyzer | Green hydrogen | Modular electrolyzer

THE ENERGY COMPANY



Decarbonization avenue: Battery Storage

 Bangalore

 Founded: 2021



SOLUTION

Modular, fast charging batteries with digital support for electric vehicle users



TECHNOLOGY / PROCESS

Battery for Electric Vehicles



BENEFITS

- Fast-Charge Ready
- Buyback at the end of life
- Allows customers to switch out their charge stations and/or switch to a different network vendors



HIGHLIGHTS

- Charging time of 15 min for 50 km and 40 min for 100 km
- Battery enabled SAAS platform ensures superior control over batteries



CONNECT WITH TEAM

[Rahul Lamba](#) - Co-Founder & CEO

[Pratik Somani](#) - Co-Founder & COO

[Prashant Rathee](#) - Co-Founder & CPO



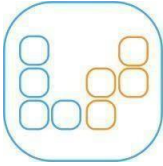
ONLINE

[| LinkedIn](#)



KEYWORDS

Fast Charging Battery for EVs



WENERGIE

Decarbonization avenue: Battery Storage

 Bangalore

 Founded: 2018



SOLUTION

IoT-based company building an operating system for battery storage applications.



TECHNOLOGY / PROCESS

IoT



BENEFITS

- Can manage huge volumes of smart meter data, IoT data & data from any kind of energy asset
- Automation, optimized labor effort, & effective asset maintenance for reduced operational expenses
- Cloud-based horizontally scalable engine



HIGHLIGHTS

- Modularity & API ,Machine learning libraries
- Edge Analytics
- Advance cyber security



CONNECT WITH TEAM

[Akshay Harikumar](#) - Founder and CEO



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KEYWORDS

Operating System for Battery Storage



**Akshayakalpa
Organic**

Join the Good Food Movement

At our farms, more than 10,000 visitors have connected with food at its source by interacting with cows, harvesting vegetables, playing games, and tasting organic food. Our farms at Tiptur and Pooriyambakkam are open to school educational trips and corporate gatherings too.

*Let's
give back
the
milk pack*

The Good Food Movement is also committed to sustainability and is conscious of what is left behind. Join our recycling initiative and give back your milk packs. So far, we've recycled more than **15,000 packs** and counting. Our biodegradable paperboard packs are another option.

A simple step from you will help make a difference in our children's future.



Rinse



Dry



Return

Akshayakalpa Organic shares a vision to fix the broken food chain through a farmer-entrepreneurship initiative. We are an organic dairy brand, serving 1 lakh plus happy families across Bengaluru / Chennai / Hyderabad / Kochi / Mumbai / Pune & 50+ other cities, with organic milk & milk products produced in over 850+ farms.



The Good Food Movement begins here

The Good Food Movement aims to reconnect you with the source of food so that you can stay informed about the processes behind the food you consume—unaltered. This deeper connection with food empowers you to ask the right questions, make informed choices, and appreciate good food, the farmers, and the planet. As responsible providers for your families, you have the power to ensure that the broken food chain gets fixed.

Good Food begins at the source

We are climate farmers.

Our farmers are committed to restoring the soil's ecosystem. They have worked for 3 years to turn our lands chemical-free and cultivable—to ensure that the milk produced is free from any harmful chemicals or pesticides. Since our soil is chemical-free, it absorbs carbon dioxide from the atmosphere, which makes soil nutrient-rich, unlike ordinary land which has chemicals and pesticides.

What makes us organic?

Stress-free *cows*



No antibiotics



No induced growth hormones



No stress hormones

Chemical-free *soil*



No pesticides



No synthetic or petroleum fertilizers



No aflatoxins

Organic *milk*



No contamination



No adulterants



No preservatives



AGRICULTURE & FOOD



ALTCO

Decarbonization avenue: Low Carbon Food



Founded: 2017



SOLUTION

Organic vegan milk based on oats



TECHNOLOGY / PROCESS

Bioprocessing, Biotechnology



BENEFITS

- | 80% reduction in greenhouse gas emissions.
- | 60% lesser energy.
- | 100% plant based product.



HIGHLIGHTS

- | Sustainable packaging
- | Lactose free product
- | No artificial flavours



CONNECT WITH TEAM

[Rithwik Ramesh](#) - Co-Founder

[Sumair Sachdev](#) - Chief Operating Officer



ONLINE

[Website](#) | [LinkedIn](#)



KEYWORDS

Vegan milk | Oat-based milk | Plant-based dairy

BIO-LUTIONS



Decarbonization avenue: Agro Waste Management

 Bengaluru 

Founded: 2018



SOLUTION

Fibcro® natural fibres - converts agricultural residues into unique, self-binding, durable



TECHNOLOGY / PROCESS

Bioprocessing, Material processing



BENEFITS

- Affordable and scalable alternative to single-use plastic.
- Versatile characteristics and high adaptability.



HIGHLIGHTS

Patented process allows for an extremely low raw material volume loss during the conversion process



CONNECT WITH TEAM

[Eduardo Gordillo](#), Founder & CEO



ONLINE

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KEYWORDS

Agro-residues to natural fibres | Bio-alternative to single use plastic

BIOPRIME AGRISOLUTIONS



Decarbonization avenue: Regenerative Agriculture

 Pune

 Founded: 2017



SOLUTION

Agri biologicals to help farmers manage crop loss, temperature fluctuations, drought, resilient insects and diseases.



TECHNOLOGY / PROCESS

Agri biologicals



BENEFITS

Helps farmers to fight against climate crisis and increases the yield through innovative technology.



HIGHLIGHTS

- Company works in two main areas: Agri biologicals and agri biotechnology
- Works in the intersection of biomolecules, life-friendly chemistry, smart material and energy use



CONNECT WITH TEAM

[Shekhar Bhosle](#) - Co-Founder

[Renuka Diwan](#) - Co-Founder



ONLINE

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KEYWORDS

Agri biologicals | Green chemistry for agriculture



BLUE TRIBE FOODS

Decarbonization avenue: Low Carbon Food



Mumbai

Founded: 2017



SOLUTION

Ready-made, plant based meat & chicken



TECHNOLOGY / PROCESS

Bioprocessing



BENEFITS

- | 100% animal free meat
- | Contributing to the fight against change



HIGHLIGHTS

- | Protein rich diet, healthy and tasty
- | Ready to cook recipes
- | No cholesterol, antibiotics, hormones or GMO



CONNECT WITH TEAM

[Sandeep Singh](#) - Founder

[Nikki Arora Singh](#) - Co-Founder



ONLINE

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KEYWORDS

Plant-based meat | Preservative-free mutton | Replacing animals from food supply chain

CLEAR MEAT



Decarbonization avenue: Low Carbon Food

 New Delhi

 Founded: 2019



SOLUTION

Artificially grown sustainable lab-based meat



TECHNOLOGY / PROCESS

Biotechnology, Cellular technology



BENEFITS

- Eco-friendly, nutritious and affordable meat alternative
- Scalable, and optimized to the culinary expectations of the Indian population



HIGHLIGHTS

- Uses chicken cells to artificially produce meat
- Grow cells in a lab and clump them into protein
- Lab-grown chicken minced meat is likely to be available in stores as well as distributed to restaurant chains



CONNECT WITH TEAM

[Dr Siddharth Manvati](#), Co-Founder

[Kartik Dixit](#), Co-Founder, Co-Founder



ONLINE

[Website](#) | [LinkedIn](#)



KEYWORDS

Cell-based meat | Lab-based chicken | Cultured meat

CRASTE



Decarbonization avenue: Agro Waste Management



SOLUTION

Repurposes crop waste into valuable products



TECHNOLOGY / PROCESS

Bioprocessing, Material processing



BENEFITS

- Creates furniture and packaging applications from crop waste
- Helps farmers to make additional revenue
- Requires less water and does not discharge any toxic effluents



HIGHLIGHTS

- Purchases crop residues from farmers and recycles into packaging material & engineered boards
- Provides tailor-made solutions to customers for packaging requirements



CONNECT WITH TEAM

[Shubham Singh](#), Co-Founder

[Himansha Singh](#), Co-Founder



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KEYWORDS

Recycling crop waste | Packing materials from recycled crop | Agro waste into green furniture | Crop waste management



DE HAAT

Decarbonization avenue: Smart Farming



Gurgaon

Founded: 2021



SOLUTION

AI enabled technologies for supply chain and production efficiencies in the farm sector.



TECHNOLOGY / PROCESS

AI, ML , Analytics



BENEFITS

- Removes middlemen, easy access to quality input, weather updates.
- Franchise business opportunities at grassroot level for rural youth.



HIGHLIGHTS

Comprises DeHaat farmer app, DeHaat business app and DeHaat online marketplace portal



CONNECT WITH TEAM

[Shashank Kumar](#) - Co-Founder & CEO

[Amrendra Singh](#) - Co-Founder & Director

[Shyam Sundar Singh](#) - Co Founder



ONLINE

[Website](#) | [LinkedIn](#) | [YouTube](#)



KEYWORDS

Smart farming | AI for agri supply chain



EM3 AGRI SERVICES

Decarbonization avenue: Smart Farming

 Noida

 Founded: 2019



SOLUTION

Technology & mechanization for the farming community on a pay-for-use basis



TECHNOLOGY / PROCESS

Farming mechanization



BENEFITS

- Provides farm services for the entire cultivation cycle on a pay-per-use basis
- Accessible and affordable farm mechanisation and agricultural services



HIGHLIGHTS

- Farmer can easily monitor and manage work being done on his field
- Enables an intuitive and easy way to order farm equipment and services



CONNECT WITH TEAM

[Rohtash Mal](#), Co-founder

[Adwitiya Mal](#), Co-founder



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KEYWORDS

Farming as a service | Pay-per-use basis farm equipments

ECOZEN SOLUTIONS



Decarbonization avenue: Smart Farming

 Pune

 Founded: 2019



SOLUTION

Solar pump controllers and solar-powered cold chains



TECHNOLOGY / PROCESS

IoT, Online platform



BENEFITS

- Reduces post harvest loss.
- Online platform connects farmers directly to suitable markets



HIGHLIGHTS

- Ecotron - solar powered pump controller
- Ecofrost - solar cold storage rooms
- Eco connect - online web platform to connect farmers and buyers/sellers



CONNECT WITH TEAM

[Devendra Gupta](#) - Co founder and CEO

[Pratik Singhal](#) - Co founder and COO

[Vivek Pandey](#) - Co founder and CTO



ONLINE

[Website](#) | [LinkedIn](#)



KEYWORDS

Solar water pump controllers | Solar cold storage for farmers | Online platform for farmers



EQUATOR GEO

Decarbonization avenue: Sustainable Forestry

 Jaipur

 Founded: 2019



SOLUTION

GIS-based services for the carbon market with a solution-based approach tailoring to the client demands



TECHNOLOGY / PROCESS

GIS



BENEFITS

- Assists farmers, households, local governments in creating a new carbon market
- Assists farmers to avail additional income from their efforts



HIGHLIGHTS

- Used to digitise the map with the help of geo coordinators
- Used satellite images to identify the physical boundaries of the eco sensitive zone



CONNECT WITH TEAM

[Jais Jose](#), Co-Founder

[Dr. Manuel Thomas](#), Co-Founder



ONLINE

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KEYWORDS

Geographic mapping | Net sink credit for farmers | Toolkit for digital earth



FARM AGAIN

Decarbonization avenue: Smart Farming

 Coimbatore

 Founded: 2016



SOLUTION

Precision agriculture using AI & IoT



TECHNOLOGY / PROCESS

AI, IoT



BENEFITS

- Saves 50% of water required for irrigation.
- More nutritious crops with higher yields
- Enables the whole agriculture ecosystem to communicate in real-time efficiently



HIGHLIGHTS

- Combination of agronomy expertise with artificial intelligence
- Enables farmers to easily adopt precision agriculture practices



CONNECT WITH TEAM

Benjamin Raja, Founder & CEO



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KEYWORDS

Smart farming technologies | Precision agriculture practices | Crop monitoring technologies



FASAL

Decarbonization avenue: Smart Farming

 Bengaluru 

Founded: 2017



SOLUTION

Solar-powered IoT-SaaS device for precision farming



TECHNOLOGY / PROCESS

IoT



BENEFITS

- Irrigation advisory helps save water, allowing farmers use right amount of water
- Farmers have been able to achieve upto 40% increase in incomes



HIGHLIGHTS

- Through its sensors, it measures various farm level macroclimatic, rainfall, soil moisture & wind direction
- Collected data processed into actionable advisories for farmers using AI and ML



CONNECT WITH TEAM

[Anand Verma](#), Founder & CEO

[Shailendra Tiwari](#), Founder



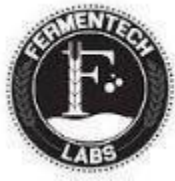
ONLINE

[Website](#) | [LinkedIn](#) | [YouTube](#) | [Twitter](#)



KEYWORDS

Precision farming technology | Water saving farming technology | Agronomic model farming



FERMENTECH LABS

Decarbonization avenue: Agro Waste Management



Roorkee

Founded: 2021



SOLUTION

Bioreactor that turns crop stubble into animal feed nutrients



TECHNOLOGY / PROCESS

Bioreactors



BENEFITS

- Produces acid-stable and thermo-tolerant phytase in a cost-effective manner
- Provides farmers with additional income, especially in rural areas



HIGHLIGHTS

- Operates at a high substrate loading rate and under strict aseptic conditions
- Facilitates on-line measurement of cell biomass and bed temperature



CONNECT WITH TEAM

Dr.Sidharth Arora, Founder & CEO



ONLINE

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KEYWORDS

Agri waste into animal feed | Agri waste into enzymes | Solid waste fermentation



GOODDOT

Decarbonization avenue: Low Carbon Food

 Udaipur

 Founded: 2019



SOLUTION

Plant based meat, chicken & eggs



TECHNOLOGY / PROCESS

Enzymatic extraction



BENEFITS

- Provides a sustainable food system by supplying plant based meat products.
- Makes plant based meat accessible and affordable to everyone.



HIGHLIGHTS

Products include eggless bhurji, unmutton bhaba curry kit, noodles and meatless mince.



CONNECT WITH TEAM

[Abhishek Sinha](#) - Founder /CEO

[Deepak Parihar](#) - Founder/CFO



ONLINE

[Website](#) | [LinkedIn](#)



KEYWORDS

Plant based meat | Plant based egg | Plant-based chicken

GREENEST



Decarbonization avenue: Low Carbon Food

 New Delhi

 Founded: 2020



SOLUTION

Plant-based protein rich sustainable meat



TECHNOLOGY / PROCESS

Bioprocessing



BENEFITS

- | Plant-based, low carbon meat without compromising taste and nutrition of animal meat
- | 80% less water use, 90% less land use and 80% less CO2 emissions



HIGHLIGHTS

- | Vegan, preservative free, cholesterol free, transfat free
- | Emphasis on keema and kebabs



CONNECT WITH TEAM

[Gaurav-Sharma](#) - Co-Founder



ONLINE

[Website](#) | [LinkedIn](#) | [YouTube](#) | [Twitter](#)



KEYWORDS

Plant-based kheema | Plant-based kebab

IMAGINE MEATS



Decarbonization avenue: Low Carbon Food

 Mumbai

 Founded: 2012



SOLUTION

Plant-based meat without compromising taste and nutrition



TECHNOLOGY / PROCESS

Bioprocessing



BENEFITS

Low carbon, plant-based product with integration of texture, taste, appearance and moisture retention to make it taste like real meat



HIGHLIGHTS

- Founded by Indian actors Riteish Deshmukh & Genelia Deshmukh
- Available to buy online and offline in 60+ cities
- No animal hormones or antibiotics used



CONNECT WITH TEAM

Genelia and Riteish Deshmukh - Co-founders



ONLINE

[Website](#) | [LinkedIn](#) | | [Twitter](#)



KEYWORDS

Plant-based meat

KHEYTI



Decarbonization avenue: Smart Farming



Founded: 2015



SOLUTION

Modular, affordable small greenhouses to help small farmers



TECHNOLOGY / PROCESS

Greenhouses, Drip irrigation, Farmer advisory services



BENEFITS

- Helps small farmers by providing small cost-effective greenhouses for better yield
- Empowers farmers to combat climate change without compromising farm yield



HIGHLIGHTS

- Company claims solution uses 90% less water, grows 7 times more food
- Company provides financial assistance for purchasing the solution



CONNECT WITH TEAM

[Sathya Raghu V Mokkalpati](#), Co-Founder

[Kaushik Kappagantulu](#), Co-Founder

[Saumya](#), Co-Founder

[Ayush Sharma](#), Co-Founder



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KEYWORDS

Modular greenhouses | Solutions for small farmers

KRISHITANTRA



Decarbonization avenue: Smart Farming



SOLUTION

Soil analysis using cutting-edge technologies



TECHNOLOGY / PROCESS

Soil analytics



BENEFITS

- Farmers can get their soil report instantly with analysis
- System requires no expertise to operate and is portable



HIGHLIGHTS

- Brings farmers deep insights and advanced understanding regarding soil health
- Data obtained is immediately decoded and a comprehensive analysis provided on the spot



CONNECT WITH TEAM

[Sandeep Kondaji](#), Founder & CEO

[Anand Bellan Raman](#) - Co-founder &

COO



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KEYWORDS

Soil testing technology | Soil health analysis | Soil report for farmers



KRIYA LABS

Decarbonization avenue: Agro Waste Management

 New Delhi

 Founded: 2016



SOLUTION

Value added products from rice straw and agro-residues



TECHNOLOGY / PROCESS

Bioprocessing, Material processing



BENEFITS

- Affordable, high-quality and eco-friendly products from waste natural materials/fibres
- Creates a market for rice straw by assigning a commercial value to it



HIGHLIGHTS

- Developed a process to break down agricultural biomass into pulp, paper and other valuable products
- Method involves converting agro-waste into pulp and processing it to make biodegradable cutlery



CONNECT WITH TEAM

[Ankur Kumar](#), Co-Founder

[Kanika Prajapat](#), Co-Founder

[Pracheer Dutta](#), Co-Founder

[Pratap Chhotaray](#), Co-Founder

[Mriganka Shah](#), Co-Founder



ONLINE

[Website](#) | [LinkedIn](#) | [Twitter](#)



KEYWORDS- Agro-waste management | Agro-waste into biodegradable cutlery | Solution to stubble burning | Waste to pulp



LOOPWORM

Decarbonization avenue: Low Carbon Food

 Bengaluru 

Founded: 2012



SOLUTION

Black soldier fly based protein rich diet for fisheries and poultry farms



TECHNOLOGY / PROCESS

Insect farming



BENEFITS

Creating a high-grade, low carbon insect-based sustainable protein for poultry, aquaculture and pets



HIGHLIGHTS

- Extremely protein-rich diet for fisheries and poultry farms by farming insects to feed them using food waste
- Black Soldier Fly (BSF) Larvae converts food waste to produce premium animal feed and pet food



CONNECT WITH TEAM

[Ankita Alok Bagaria](#), Co-Founder

[Abhi Gawri](#), Co-Founder



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KEYWORDS

Animal feed from food waste | Black Soldier Fly for fish feed



MISTER VEG

Decarbonization avenue: Low Carbon Food



Faridabad

Founded: 2010



SOLUTION

Plant based meat, chicken, chop, dairy & seafood



TECHNOLOGY / PROCESS

Bioprocessing



BENEFITS

- Plant based equivalents of mutton curry, butter chicken & tawa chicken available
- No meat, no egg, no dairy, no preservatives



HIGHLIGHTS

One of the first producers to make plant-based pomfret fish in India



CONNECT WITH TEAM

[Simarjeet Singh](#) - Co-Founder

[Rupinder Singh](#) - Co-Founder



ONLINE

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KEYWORDS

Plant-based meat | Plant-based chicken | Plant-based dairy

ONE GOOD

Decarbonization avenue: Low Carbon Food



Bengaluru

Founded: 2018



SOLUTION

Plant based food & dairy products



TECHNOLOGY / PROCESS

Bioprocessing



BENEFITS

- Affordable and accessible.
- High quality and safe products.
- Producing and processing raw materials locally.



HIGHLIGHTS

- Dairy products prepared from cashew, oat, almonds.
- Plant based meat and plant based nutrition such as multivitamins and protein are also offered.



CONNECT WITH TEAM

[Abhay Rangan](#) - Co founder

[Radhika Datt](#) - Co founder



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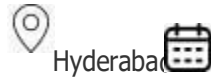
KEYWORDS

Plant based nutrition | Plant based dairy



OUR FOOD

Decarbonization avenue: Smart Farming



Hyderabad

Founded: 2015



SOLUTION

Technology based farmer franchising platform to process food on or near farm



TECHNOLOGY / PROCESS

Franchising platform



BENEFITS

- Early value addition to the produce
- Reduces food crop wastage in supply chain
- Reduces costs by solving supply chain and operational inefficiencies



HIGHLIGHTS

- Low-cost food processing equipment
- Employment generation and entrepreneurship among rural youth.



CONNECT WITH TEAM

[Bala Reddy. V](#) - Founder and CEO



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KEYWORDS

Post harvest loss minimization | Food processing near farms | On farm processing

RUKART



Decarbonization avenue: Agro Waste Management



Pune



Founded: 2017



SOLUTION

Organic cooling for flowers, fruits and vegetables



TECHNOLOGY / PROCESS

Passive cooling



BENEFITS

- Improves shelf life of vegetables by 3-6 days
- Improve selling price of vegetables by 25-30%
- Maintenance free cold storage for flowers, fruits and vegetables



HIGHLIGHTS

- No electricity, diesel or any other energy required
- Requires just 15-20 litres of water per day



CONNECT WITH TEAM

[Vikash Jha](#), Co-founder & CEO

[Sharayu Kulkarni](#), Co-founder

[Gunvant Nehete](#), Co-founder



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KEYWORDS

Sustainable cooling for natural produce | Fruits & vegetable preservation

TAKACHAR



Decarbonization avenue: Agro Waste Management

 New Delhi

 Founded: 2014



SOLUTION

Converts crop residues into valuable bio-products
- fuels, fertilizers and specialty chemicals



TECHNOLOGY / PROCESS

Bioprocessing



BENEFITS

- Helps improve air quality by eliminating most of the smoke
- Has the potential to mitigate significant amounts of CO2 every year
- Increases net income of rural communities



HIGHLIGHTS

- Uses a novel concept called oxygen-lean torrefaction
- Small-scale, low-cost, portable equipment



CONNECT WITH TEAM

[Vidyut Mohan](#), Co-founder & CEO

[Kevin Kung](#), Co-founder & CTO



ONLINE

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KEYWORDS

Waste recycling technology | Biomass waste into fuel | Value from Agri waste



TARTAN SENSE

Decarbonization avenue: Smart Farming



Bengaluru

Founded: 2015



SOLUTION

AI-powered robot for efficient removal of weeds and optimized pesticide application for small farms



TECHNOLOGY / PROCESS

Robotics



BENEFITS

- Reduces chemical usage by 40% and increases weeding efficiency by 8x
- Affordable and portable farm robots can be helpful for farmers with small landholdings



HIGHLIGHTS

- AI-assisted computer vision and robotics to build precision sprayers for weed, insect and disease control
- Flexible for different crops and different kinds of fields



CONNECT WITH TEAM

Jaisimha Rao, Founder



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KEYWORDS

Weed killing robots | Robotic farming technology | Robotic solution for small farmers



WAKAO FOODS

Decarbonization avenue: Low Carbon Food

 Panaji

 Founded: 2020



SOLUTION

Jackfruit-based meat



TECHNOLOGY / PROCESS

Bioprocessing



BENEFITS

Gluten-free jackfruit meat, a highly nutritious alternative to meat



HIGHLIGHTS

- Contains no hormones and preservatives
- Requires no refrigeration with a shelf life of 1 year



CONNECT WITH TEAM

Sairaj Dhond - Founder and CEO



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KEYWORDS

Plant based meat | Jackfruit meat | Gluten-free plant meat

DRIVING SUSTAINABILITY THROUGH CLIMATE TECH INVESTMENTS



Founded by Ankit Kedia, Capital-A is an early-stage Venture Capital fund, based out of Bangalore, India, focusing on Climate, Fintech and other tech-enabled businesses. Our vision is to invest in sustainable and diverse businesses to create a meaningful startup ecosystem that benefits all stakeholders.

In a short period, Capital-A has supported more than two dozen startups across gaming, electric mobility, SaaS, creator economy, and sustainable business sectors. Each year, we will invest in 8-10 amazing companies with a ticket size of \$50K to \$500K and participate in follow on rounds too.

Climathon'23, the world's first 24-hour pitchfest for Indian ClimateTech startups is the latest initiative by Capital-A.

Through impactful pitch events, dynamic roundtables, and robust networking, Climathon aims to spur investment and innovation in sustainability. Various networking events were organized in Bangalore, Delhi, and Dubai which brought entrepreneurs and VCs together for climate action.

Capital-A ClimateTech Portfolio



InfinityBox pioneers circular economy for sustainable Foodware management made



Leumas enables brands to leverage Digital Factory Technology for on-demand manufacturing for improved cost/value outcomes.



Matchlog is the first multi-modal marketplace leveraging triangulation and a cargo network to ensure lesser carbon footprint and zero wastage delivery.



Revamp Moto is an EV company that offers 2-wheeler modular, utility platforms that cater to shared mobility, last-mile deliveries and daily business needs.



Entuple E-Mobility is an EV powertrains technology company developing next-generation traction motors and drives for mobility applications including ML and advance telematics capabilities.



Cell Propulsion designs and develops holistic solutions to enable large scale electrification of commercial vehicle fleets.



Tan90 offers energy-efficient thermal transportation, logistics, supply chain and cold storage solutions for businesses.



Oorja is a deep tech company leveraging a hybrid, physics+ ML based approach to perform predictive analysis and design energy storage solutions, especially in the mobility space.



Chargeup is creating a Driver 1st EV ecosystem, powering a million drivers with higher earnings and better livelihood.



Ellipsol offers retrofit solutions to double the energy yield of conventional Photovoltaic panels with minimal additional cost.



Bambrew is an asset light, sustainable and bio-degradable packaging solutions venture providing efficient alternatives to single use plastic packaging.

WASTE MANAGEMENT



AMPLEPAC

Decarbonization avenue: Solid Waste Management



Founded: 2019



SOLUTION

Metal based packaging products



TECHNOLOGY / PROCESS

AI, Blockchain



BENEFITS

Improves packaging lifecycles through return, sterilisation and reuse of materials.



HIGHLIGHTS

- ⌋ Packaged products through existing channels without disrupting buying behaviour.
- ⌋ India Reuse is a blockchain based system, that offers shareable & leasable packaging management technology.



CONNECT WITH TEAM

[Arpita Kalanuria](#) - Founder



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KEYWORDS

Packaging as a service | Waste free packaging | Sustainable consumer goods packaging



BANYAN NATION

Decarbonization avenue: Solid Waste Management



Hyderabad

Founded: 2013



SOLUTION

Vertically integrated plastic cleaning and recycling technology.



TECHNOLOGY / PROCESS

Recycling



BENEFITS

- Integrates last mile collectors in informal sector into supply chain to recover plastic waste.
- Better performance through addition of performance polymers.



HIGHLIGHTS

- Plastic cleaning tech using environmentally friendly detergents and solvents.
- Specializes in consumer packaging, auto components and consumer durables.



CONNECT WITH TEAM

[Mani Kishore Vajipeyajula](#) - Co founder

[Rajkiran Madangopal](#) - Co founder

[Rashi Agarwal](#) - Director



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KEYWORDS

Plastic recycling technology | Plastic waste management

ECOEX



Decarbonization avenue: Solid Waste Management

 New Delhi

 Founded: 2018



SOLUTION

B2B portal which provides EPR services, waste commodity trading and technology consulting.



TECHNOLOGY / PROCESS

Online marketplace



BENEFITS

- Helps recyclers from informal sector expand business and brings them into formal sector
- Facilitates transparent and direct exchange of plastic credits.



HIGHLIGHTS

Other products include biodegradable carrybags and straws.



CONNECT WITH TEAM

[Nimit Aggarwal](#) - Co founder

[Akshaya Rath](#) - Co founder



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KEYWORDS

Waste commodity trading | Plastic waste recycling | Plastic exchange credits



METASTABLE MATERIALS

Decarbonization avenue: Solid Waste Management

 Bengaluru



SOLUTION

Eco-friendly Li-ion battery metal extraction and recycling



TECHNOLOGY / PROCESS



BENEFITS

- Advanced metal extraction technology for Li-ion batteries that is environmentally friendly.
- Reduction of the life-cycle cost of lithium-ion batteries, which can accelerate EV adoption.
- Innovative recycling processes and sustainable operations that address environmental concerns.



HIGHLIGHTS

- Clean, eco-friendly Li-ion battery recycling.
- Heat and fire-resistant packaging boxes.
- Flexible end product options from waste.



CONNECT WITH TEAM

[Saurav Goyal](#) - Co-Founder

[Shubham Vishvakarma](#) - Co-Founder

[Manikumar Uppala](#) - Co-Founder



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| [LinkedIn](#)



KEYWORDS

Carbothermal reduction | Lithium-ion battery recycling

MUDDLEART



Decarbonization avenue: Solid Waste Management

 New Delhi

 Founded: 2016



SOLUTION

Convert pre-consumer textile waste into raw materials



TECHNOLOGY / PROCESS

Material processing, Recycling



BENEFITS

- No landfill and incineration, 100% re-utilization of procured waste
- Generates positive change to livelihoods



HIGHLIGHTS

- Customized solutions for disposal & management of pre-consumer textile waste
- Sorted waste readily available to recyclers & upcyclers



CONNECT WITH TEAM

[Sanjay Chauhan](#), Co-Founder & CEO



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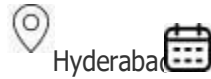
KEYWORDS

Textile waste management | Recycling textile waste



RECYKAL

Decarbonization avenue: Solid Waste Management



Founded: 2019



SOLUTION

Digital solution and marketplace for waste management



TECHNOLOGY / PROCESS

Online marketplace, Recycling, Extended producer responsibility



BENEFITS

- An integrated platform connecting waste generators, processors, recyclers & brand owners
- Promotes efficient and effective recycling of local plastic waste



HIGHLIGHTS

- Assures 100% transparency and traceability across the supply chain.
- They work with many leading FMCG brands across India



CONNECT WITH TEAM

[Abhishek Deshpande](#) - Co-founder

[Vikram Prabhakar](#) - Co-founder

[Ekta Narain](#) - Co-founder



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KEYWORDS

Smart waste recycling | Extended Producer Responsibility (EPR) | Solid Waste Management

SAMUDHYOGA WASTE CHAKRA



Decarbonization avenue: Solid Waste Management

 Chennai

 Founded: 2016



SOLUTION

Decentralised plastic pyrolysis solutions



TECHNOLOGY / PROCESS

Pyrolysis



BENEFITS

- Plastic invariant of size can undergo pyrolysis.
- Requires small area for working.
- Economically viable.



HIGHLIGHTS

- Pyrolysis units are mobile and user friendly.
- ECOFERT unit - a self-sustainable modular toilet system to reduce water footprint.



CONNECT WITH TEAM

Indumathi M Nambi - Founder



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KEYWORDS

Plastic waste to fuel oil | Solar powered pyrolysis | Small scale pyrolysis | Modular pyrolysis



TAN90 THERMAL SOLUTIONS

Decarbonization avenue: Reducing Food Waste

 Chennai

 Founded: 2019



SOLUTION

Cold storage solutions for temperature controlled products.



TECHNOLOGY / PROCESS

Passive cooling, Evaporative cooling



BENEFITS

- Energy efficient compared to traditional methods such as gel packs and reefer trucks.
- Cuts operational costs by 30% and increases profits by 50% for farmers.



HIGHLIGHTS

- Products include Box90, P90, Bag90, Evap90.
- Facility to transport biologicals within 96 to 120 hours.



CONNECT WITH TEAM

[.Rajnikant Rai](#) - Co founder

[Dr. Soumalya Mukherjee](#) - Co founder



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KEYWORDS

Energy efficient cold chain solutions | Portable cold storage for perishables

TESSOL



Decarbonization avenue: Reducing Food Waste

 Navi Mumbai

 Founded: 2013



SOLUTION

Provides cold chain solutions for dairy, seafood, poultry and horticulture sectors



TECHNOLOGY / PROCESS

Optimized cold chains



BENEFITS

- Ensure fresh, healthy and safe product delivery
- Cost-effective and flexible to suit the temperature specific requirements of goods
- Reduce risk of break down & lower maintenance cost



HIGHLIGHTS

From full truck to home delivery solutions, customized technology-driven solutions take care of last mile distribution



CONNECT WITH TEAM

[Rajat Gupta](#), Founder & CEO

[Niranjana Neelakantan](#), Co-Founder &

COO



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KEYWORDS

Last mile cold storage solutions | Cold storage logistics | End-to-end cold chain logistics



WASTELINK

Decarbonization avenue: Reducing Food Waste

 New Delhi

 Founded: 2018



SOLUTION

Transforms food waste into animal feed



TECHNOLOGY / PROCESS

Bioprocessing



BENEFITS

- Prevents waste to landfill
- Produces sustainable animal feed
- Reduces emissions of greenhouse gases from landfills



HIGHLIGHTS

- They purchase food surplus from anywhere in the supply chain
- Introducing food waste in feed has proven to increase yield by 15%.



CONNECT WITH TEAM

[Saket Dave](#) - Founder & CEO

[Krishnan Kasturirangan](#) - Co-founder



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KEYWORDS

Food waste to feed | Value from food waste | Sustainable animal feed



Driving ClimateTech Innovations!



Our Solution

- Open innovation as a service
- Corporate accelerator as a service
- Corporate venture capital as a service
- Venture studio as a service
- IP and Research commercialization



Innovation Supported

- Material innovation
- Product & Packaging innovation
- Digital innovation
- Technology innovation
- Business model innovation



Focus Verticals

- Consumer & Retail
- Automotive & Manufacturing
- Financial service
- Technology
- Sustainability & Climate

About Us

IncubateHub is a leading corporate innovation and venture development platform, powering technology driven innovation across industries, globally. We partner with a global venture ecosystem of Startups, Innovators, Investors, Academia and Research institutes to drive innovation led growth for corporates.

Accelerating ClimateTech Innovation to Decarbonize the Industry!

Some of Our Clients



Mercedes-Benz



MATERIALS



BAMBREW

Decarbonization avenue: Bio-based Materials



Founded: 2020



SOLUTION

Bamboo based food packaging boxes



TECHNOLOGY / PROCESS

Bioprocessing



BENEFITS

- Replaces single-use plastics with eco-friendly bamboo-, sugarcane- and seaweed-pulp packaging
- Pesticide-free and made without using any chemicals



HIGHLIGHTS

- Uses bamboo, sugarcane and seaweed as raw materials
- Biodegradable, durable and lightweight



CONNECT WITH TEAM

[Vaibhav Anant](#) - Co-Founder

[Saikat De](#) - Co-Founder



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KEYWORDS

Single use plastic alternative | Bamboo based packaging



ECOPAK

Decarbonization avenue: Bio-based Materials

 Mumbai

 Founded: 2015



SOLUTION

Compostable products to replace plastics



TECHNOLOGY / PROCESS

Biodegradation



BENEFITS

- Compost completely into biomass, carbon dioxide and water
- Less energy needed to produce, water resistant
- Light weight - easier to carry, Durable - Not fragile



HIGHLIGHTS

- Market Share with growth rate CAGR 7.08%
- Compostability according to EN13432, ASTM D 6400, NFU 52001



CONNECT WITH TEAM

[Mitanshu Choudhary](#) - Founder & Partner



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KEYWORDS

Biodegradable Plastic | Microbial Degradation of Plastics

ECOVIA



Decarbonization avenue: Advanced Materials

 Bengaluru 

Founded: 2014



SOLUTION

Returnable packaging solution for D2C brands.



TECHNOLOGY / PROCESS

Recycling, Packaging design



BENEFITS

- Each packaging material can be reused upto 100 times.
- Optimizes shipping costs and increases customer lifetime value for consumer brands



HIGHLIGHTS

- Manufactured by recycling plastic bottles.
- Every package saves around 122 grams of CO2 emissions



CONNECT WITH TEAM

[Dhwani Mehta](#) - Co founder

[Parikshit Joon](#) - Co founder

[Pranjul Jain](#) - Co founder



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KEYWORDS

Reusable packaging | Returnable packaging as a service | Plastic bottle repurposing



GREENPOD LABS

Decarbonization avenue: Bio-based Materials



Chennai

Founded: 2019



SOLUTION

Biotech-based packaging sachets to eliminate fruit waste



TECHNOLOGY / PROCESS

Biotechnology



BENEFITS

- Extends the shelf life of fruits and vegetables
- Eliminates the need for cold storage
- Minimises fresh produce loss through cost-effective packaging



HIGHLIGHTS

- Inbuilt defense mechanism slows down the ripening rate
- Provides customisable biotech packaging sachets



CONNECT WITH TEAM

[Deepak Rajmohan](#), Founder



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KEYWORDS

Extending shelf life for fruits & vegetables | Packaging solutions for perishables | Post harvest solutions for fruits & vegetables

GREENTREK



Decarbonization avenue: Industrial Resource Efficiency

 Mandi

 Founded: 2019



SOLUTION

Valuable products from steel mills waste



TECHNOLOGY / PROCESS

Extractive metallurgy



BENEFITS

- Focus on resource efficiency and reclamation of valuable minerals & materials
- Uses less energy, no electricity or furnace and is 100% pollution-free



HIGHLIGHTS

- Uses extractive metallurgy to address the problem of pollution
- The end product is a molten metal with an iron content of 99.6%



CONNECT WITH TEAM

Satindar Nath Gupta, Founder

Sandeep Gupta, Co-Founder



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KEYWORDS

Waste from steel mills into useable products



LIVNSENSE

Decarbonization avenue: Industrial Resource Efficiency



Bengaluru

Founded: 2020



SOLUTION

IoT & AI platform for real-time monitoring of plant performance & process optimization



TECHNOLOGY / PROCESS

AI, IoT



BENEFITS

Smart factory solution enables significant enhancement of energy and material efficiency



HIGHLIGHTS

Provides predictive foresight and cross-functional insights using 'live digital twin' technology.



CONNECT WITH TEAM

[Avnish Kumar](#) - Founder & CEO

[Priyanka Kumar](#), Founder & Director



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KEYWORDS

Energy balance AI platform | Optimized energy production process

Natur-Tec® **NATUR TEC**

Decarbonization avenue: Bio-based Materials

 Founded: 2013



SOLUTION

Bio-based and compostable plastic formulations



TECHNOLOGY / PROCESS

Bio Polymerisation



BENEFITS

- Products adhere to relevant ASTM and global standards
- Use a wide array of equipment for product development, quality control, and benchmarking



HIGHLIGHTS

- Testing equipment includes an Instron 5544 Universal Testing Machine, Benz Falling Dart Tester etc.
- Produced using NTIC's proprietary ReX Process



CONNECT WITH TEAM

[Sunder Balakrishnan](#) - Managing Director



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KEYWORDS

Bioplastics | Biopolymer Resins



ONSITEGO

Decarbonization avenue: Product Use Efficiency

 Mumbai

 Founded: 2010



SOLUTION

Electronics repair and refurbishment solutions



TECHNOLOGY / PROCESS



BENEFITS

- Reduces environmentally hazardous waste
- Establishes local repair economy reducing dependence on international supply chains



HIGHLIGHTS

Customer-friendly subscription based services for various electronics and gadgets



CONNECT WITH TEAM

[Kunal Mahipal](#), CEO



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KEYWORDS

Right to Repair | E-waste reduction

PHOOL



Decarbonization avenue: Bio-based Materials

 Kanpur

 Founded: 2015



SOLUTION

Incense and bio-leather made from recycled flowers



TECHNOLOGY / PROCESS

Bioprocessing



BENEFITS

- Profitable and lean solution to the monumental 'temple-waste' problem
- Providing flowercyclers with predictable and healthy livelihoods



HIGHLIGHTS

- Flower waste is handcrafted into patented organic fertilizer and incense sticks
- Preserves rivers from flower pollution & provides livelihoods to marginalised women



CONNECT WITH TEAM

[Ankit Agarwal](#), Founder

[Prateek Kumar](#), Head of Operations



ONLINE

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KEYWORDS

Recycling waste flower | Flowercycling technology | Animal leather alternative



SEA6 ENERGY

Decarbonization avenue: Bio-based Materials



Bengaluru
Founded: 2010



SOLUTION

Sustainable food products, bio-polymers, and bio-fuels from ocean resources.



TECHNOLOGY / PROCESS

Ocean farming, Bioprocessing



BENEFITS

- Improves the prospects of blue economy
- Taps into abundant marine biomass



HIGHLIGHTS

- High-end research facilities
- Highly qualified and established team
- Backed by Mahindra & BASF



CONNECT WITH TEAM

[Shrikumar Suryanarayanan](#), Co-founder & CEO



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KEYWORDS

Marine agronomy | Sea farming | Blue economy | Marine biotechnology

ZEROPLAST LABS

ZeroPlast

Decarbonization avenue: Bio-based Materials

 Pune

 Founded: 2019



SOLUTION

Bioplastics and biocomposites made from cellulose



TECHNOLOGY / PROCESS

Bioprocessing



BENEFITS

100% home compostable material that can replace single-use plastics



HIGHLIGHTS

- | Biomass is sourced from farmers and upcycled into bioplastics
- | Both flexible and rigid bioplastics developed



CONNECT WITH TEAM

Aditya Karba, CEO



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KEYWORDS

Agro residues based bioplastics | Soil compostable plastic



ZEROCICLE

Decarbonization avenue: Bio-based Materials



Founded: 2013



SOLUTION

Eco-friendly processing with minimal energy consumption to transform seaweed into carbon-neutral solutions



TECHNOLOGY / PROCESS



BENEFITS

- Low energy green processing technology
- Products decompose naturally
- Products can be utilized in chemical, food, fashion and plastic industry



HIGHLIGHTS

- Locally sourced
- The packaging solution is transparent, heat sealable, and printable.
- Products meet the food-safety, thermal, mechanical and barrier



CONNECT WITH TEAM

[Neha Jain](#) - Founder



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KEYWORDS

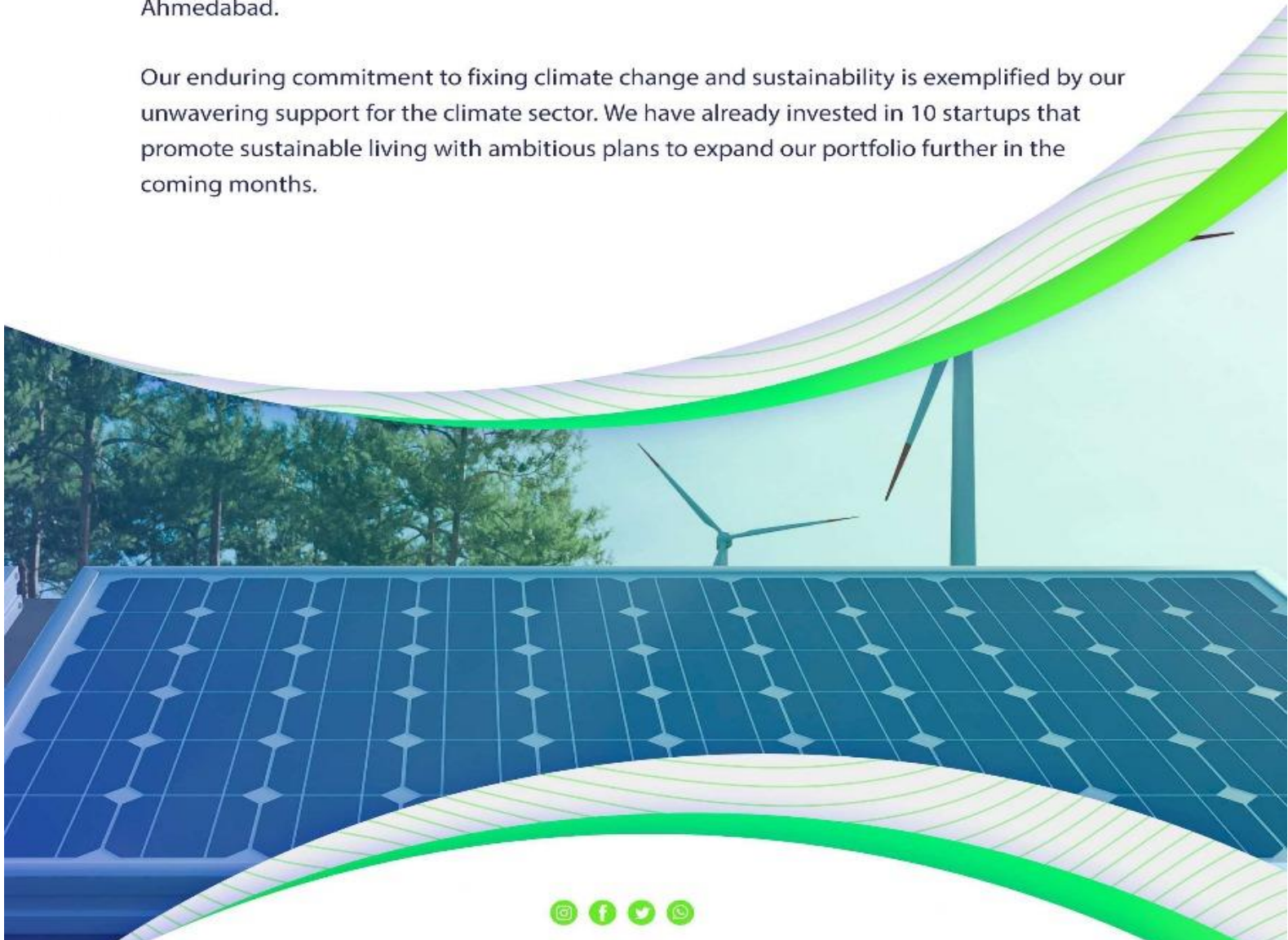
Seaweeds to Plastic | Decomposable Plastic



ABOUT ANICUT CAPITAL

Anicut Capital is one of India's leading alternative investment funds with offerings across debt and equity. Anicut currently manages three debt funds, a seed fund and an early growth equity fund with a cumulative AUM of Rs. 2,000+ crores. Over the past 7 years, Anicut has invested in 100+ early and growth stage businesses including brands like Wow! Momo, Bira, Sugar Cosmetics, Wingreens, Blue Tokai, Sharechat, Mcaffeine, Milkymist, XYXX, Curatio Healthcare, Agnikul, Eplane, Impresario, and Grip Invest, to name a few. We have a pan-India presence with our investment professionals spread across Chennai, Delhi, Bangalore and Ahmedabad.

Our enduring commitment to fixing climate change and sustainability is exemplified by our unwavering support for the climate sector. We have already invested in 10 startups that promote sustainable living with ambitious plans to expand our portfolio further in the coming months.





ANICUT CLIMATE & SUSTAINABILITY PORTFOLIO



Innovating, developing, manufacturing efficient electric mobility solutions at an affordable cost for Bharat.

CHARGEUP

Battery-as-a-Service company for India, providing interoperable batteries for both 2Ws and 3Ws.



Cleantech company providing clean air as a service via their proprietary tech and filters.



Climate tech company enabling more efficient sun absorption of solar panels.



New age kitchenware brand made from copper, brass and bronze.



India's largest emerging sustainability oriented footwear brand.

**earth
rhythm**

An eco-friendly beauty brand in India, committed to delivering toxin-free, certified organic skincare products.



Disrupting urban mobility by building India's first VTOL based flying taxi.

oorja.energy

SaaS based tool for R&D simulation amalgamating ML and physics based models.

URAVU

Cleantech venture making water out of thin air using decoupled energy source.



WATER



CRANBERRY ANALYTICS

Decarbonization avenue: Water Use Efficiency



SOLUTION

Measuring water through its entire distribution and consumption cycle to enhance use efficiency



TECHNOLOGY / PROCESS

Analytics, Smartphone app



BENEFITS

- Water conservation and use efficiency through effective measurements
- Gives individuals the tools to measure and become accountable for their water consumption



HIGHLIGHTS

Comprehensive suite of software solutions for government utilities and water infrastructure companies



CONNECT WITH TEAM

[Shishir Thakur](#), Founder and CEO

[Amit Deshmukh](#), Co-Founder



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KEYWORDS

Water usage monitoring technology | App for water use monitoring

DIGITAL PAANI



Decarbonization avenue: Water Use Efficiency



Founded: 2020



SOLUTION

Digital tech using IoT and customized sensors to enhance and optimize waste water treatment plants



TECHNOLOGY / PROCESS

IoT



BENEFITS

- Helps water treatment plants to save significant water and reduce their CO2 emissions
- Reduces operational costs around 25-35%



HIGHLIGHTS

- Integrates IoT based sensing tech into the traditional wastewater industry.
- The technology uses 75+ algorithms and automates workflows.



CONNECT WITH TEAM

[Rajesh jain](#) - Founder

[Mansi Jain](#) - Co-founder



ONLINE

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KEYWORDS

Water lifecycle management | Digital waste water treatment solution | Water recycling



FLUXGEN

Decarbonization avenue: Water Use Efficiency



Bengaluru

Founded: 2011



SOLUTION

AI & IoT-based water management solution for industries



TECHNOLOGY / PROCESS

AI, IoT



BENEFITS

- Reduces water leakage & wastage by up to 30% of consumption
- Identifies potential inefficiencies in water consumption & flag alerts



HIGHLIGHTS

- Smart, real-time water flow and level monitoring system.
- Compatible with any digital water flow meter and water level sensor



CONNECT WITH TEAM

[Ganesh Shankar](#), Founder & CEO



ONLINE

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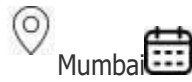
KEYWORDS

Industrial water management | Water monitoring for industries



INDRA WATER

Decarbonization avenue: Water Use Efficiency



Mumbai

Founded: 2017



SOLUTION

Economical, compact & smart water treatment systems for decentralized wastewater management



TECHNOLOGY / PROCESS

Water recycling, Analytics



BENEFITS

Efficient technology with 30% cost reduction, and with a much smaller area footprint



HIGHLIGHTS

- Modular and scalable technology depending on the requirement.
- Automation and analytics platforms are available along with the solution



CONNECT WITH TEAM

[Amrit Om Nayak](#) - Co-founder

[Krunal Patel](#) - Co-founder

[Abhijit Vvr](#) - Co-founder



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KEYWORDS

Smart water treatment system | Recycling industrial & domestic wastewater



KRITSNAM TECHNOLOGIES

Decarbonization avenue: Water Use Efficiency

 Hyderabad

 Founded: 2015



SOLUTION

Digital water resources management.



TECHNOLOGY / PROCESS

IoT



BENEFITS

- Managing water consumption even during a powercut.
- Real time monitoring of water consumption.
- Customised reports to analyse.



HIGHLIGHTS

Products include Dhaara Smart water meter and dashboard and Dhaara Live for water management.



CONNECT WITH TEAM

[K. Sri Harsha](#) - Co founder

[Vinay Chataraju](#) - Co founder

[Prudhvi Sagar](#) - Co founder



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KEYWORDS

Data driven water management | Advanced water meter | Smart Flow Meter



MAITHRI AQUATECH

Decarbonization avenue: Water Use Efficiency

 Hyderabad 

Founded: 2016



SOLUTION

Clear water technology which captures water present in the air.



TECHNOLOGY / PROCESS

Refrigeration



BENEFITS

Decentralised and plug and play water systems for homes and office spaces that eliminates water crisis.



HIGHLIGHTS

- ▮ No ground water and surface water needed.
- ▮ Uses refrigeration techniques to condense humidity from air



CONNECT WITH TEAM

Ramkrishna Mukkavilli - Co-Founder

Surya Maithreya



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KEYWORDS

Water from atmosphere | Decentralized water solution

OPENWATER.IN



Decarbonization avenue: Water Use Efficiency



Bengaluru



Founded: 2017



SOLUTION

Advanced and compact wastewater treatment



TECHNOLOGY / PROCESS



BENEFITS

- Remote monitoring, single-unit treatment
- Installs in a day and ready to operate immediately
- Low cost and quick maintenance



HIGHLIGHTS

- No synthesized chemicals
- Automated, preassembled, sewage/effluent treatment plant
- Ready to run mobile water treatment system



CONNECT WITH TEAM

[Sanjiv Sambandan](#) - Co-Founder

[Prabha Nagarajan](#) - Co-Founder

[Nitin Parekh](#) - Co-Founder



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KEYWORDS

Wastewater treatment

SMARTERHOMES



Decarbonization avenue: Water Use Efficiency



Bengaluru

Founded: 2021



SOLUTION

Smart water meter solution for urban infrastructure



TECHNOLOGY / PROCESS

IoT, Digital dashboard



BENEFITS

- 35% reduction in water consumption, 12% energy savings
- Real time leak detection and control



HIGHLIGHTS

- Includes auto-generated digital dashboards
- Instant alerts on leakages
- No drive-by, no hand held readers needed



CONNECT WITH TEAM

[Jitender Thirwani](#) - Co-Founder

[V Raman](#) - Founder

[Vivek Shukla](#) - Founder



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KEYWORDS

Water usage metering system | Water usage tracking



URAVU LABS

Decarbonization avenue: Water Use Efficiency

 Bengaluru

 Founded: 2019



SOLUTION

Renewable water extracted from air



TECHNOLOGY / PROCESS

Adsorption



BENEFITS

- Tries to solve water scarcity by extracting water from air
- No wastewater generated as in the case of reverse osmosis etc.



HIGHLIGHTS

The required energy is harnessed from renewables such as solar, waste heat and biomass



CONNECT WITH TEAM

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[Swapnil Shrivastav](#) - Co-Founder



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KEYWORDS

Water from air | Water from atmosphere

WEGOT



Decarbonization avenue: Water Use Efficiency

 Chennai

 Founded: 2015



SOLUTION

Smart water meter for residential and commercial buildings



TECHNOLOGY / PROCESS

Sensors, IoT, Analytics



BENEFITS

- Helps manage water consumption and quality with utmost ease, in real-time
- App enables monitoring and control of water consumption based on usage insights



HIGHLIGHTS

- Provides a bird's eye view of the entire water delivery system from source to usage
- Available for single homes to multi-unit apartments and commercial complexes



CONNECT WITH TEAM

[Abilash Haridass](#), Co-founder

[Vijay Krishna](#) - Co-founder



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KEYWORDS

Smart water meter | Water usage monitoring | Building water use efficiency monitoring



WATSAN

Decarbonization avenue: Water Use Efficiency

 Chennai

 Founded: 2009



SOLUTION

Manufacturing and distributing low-cost, effective electricity-free water filters to urban slums and rural families.



TECHNOLOGY / PROCESS

Nano-filtration using siliceous medium



BENEFITS

- Deliver quality drinking water and sanitary requirements with eco-friendly resources at an affordable price tag.



HIGHLIGHTS

- Available for single homes to multi-unit apartments and commercial complex.
- Provides clean drinking water to almost 16000 homes in just one year of operation.



CONNECT WITH TEAM

[Chandrasekaran. J](#), Founder & CEO



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KEYWORDS

Water purifiers | Water filters



ALTMAT

Decarbonization avenue: Low Carbon Textiles & Fashion

AltMat

 Ahmedabad

 Founded: 2019



SOLUTION

Sustainable textile materials from agricultural residues.



TECHNOLOGY / PROCESS

Bioprocessing



BENEFITS

- Environmentally sustainable with less water usage than cotton.
- Socially inclusive as it provides additional income to farmers.
- Superior quality as it is naturally anti bacterial.



HIGHLIGHTS

- Products include Alt fibre, Alt yarn
- Waste of crops like hemp oil seed, banana fruit, pineapple fruit used as raw materials



CONNECT WITH TEAM

[Shikha Shah](#) - Founder



ONLINE

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KEYWORDS

Biodegradable textiles | Crop residue management | Circular fashion

CANVALOOP



Decarbonization avenue: Low Carbon Textiles & Fashion



SOLUTION

Hemp-based jeans and textile materials



TECHNOLOGY / PROCESS

Bioprocessing, Material processing



BENEFITS

- Utilises agro waste and providing livelihood opportunities to small farmers
- Generates environmentally-friendly fibres from hemp and agricultural waste



HIGHLIGHTS

- Uses many plant materials like hemp and other agricultural waste to develop the fibre
- Fibres are socially inclusive, functionally superior and environmentally sustainable



CONNECT WITH TEAM

[Shreyans Kokra](#), Founder



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KEYWORDS

Agriculture waste into textiles | Hemp into textile fibre

CARBONCRAFTDESIGN



Decarbonization avenue: Low Carbon Construction Materials

 Bengaluru
 Founded: 2015



SOLUTION

Repurposing carbon waste from tyres into tiles and building materials



TECHNOLOGY / PROCESS

Handcrafting



BENEFITS

Building sector is a large contributor to CO2 emissions; the solution tackles this challenge through carbon negative materials.



HIGHLIGHTS

- One Carbon Tile can offset 5 Kg of CO2
- All tiles are uniquely handcrafted
- Collects carbon from carbon capture companies such as the tyre industry



CONNECT WITH TEAM

Tejas Sidal - Founder



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KEYWORDS

CO2 to building materials | Low carbon construction materials

DETECT TECHNOLOGIES

Decarbonization avenue: Decarbonizing Oil & Gas Sector



 Chennai 

Founded: 2016



SOLUTION

AI-based inspection technology to enhance overall efficiency and reduce costs for industrial assets



TECHNOLOGY / PROCESS

Artificial intelligence



BENEFITS

Industry 4.0 solutions that reduce wastage, increase efficiency and thus reduce the overall carbon footprint of operations



HIGHLIGHTS

- Used for asset management and industrial project management
- Uses surveying, mapping and remote inspection techniques
- Follows Industry 4.0 industrial automation standards



CONNECT WITH TEAM

[Daniel Raj](#) - Co-Founder

[Tarun Mishra](#) - Co-Founder

[Harikrishnan A S](#) - Co-Founder

[Varun Kumar](#) - Co-Founder



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KEYWORDS

Enhancing industrial asset performance | Reducing industrial asset inefficiencies

GREENJAMS

Decarbonization avenue: Low Carbon Construction Materials



 Visakhapatnam

 Founded: 2015



SOLUTION

Carbon-negative building materials from crop residues and industrial by-products



TECHNOLOGY / PROCESS

Material processing



BENEFITS

- Captures tonnes of carbon emissions
- Helps reduce the cost of construction by up to 50%
- Improves the building energy efficiency by up to 25%



HIGHLIGHTS

- Building material from crop residues such as paddy straw, wheat straw, etc.
- Carbon-negative building material from agriculture biomass and hemp blocks



CONNECT WITH TEAM

[Tarun Jami](#), Founder

[Varun Jami](#), Co-Founder



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KEYWORDS

Carbon-negative building material | Agri waste into building material | Carbon-neutral built environment

PROKLEAN

Decarbonization avenue: Low Carbon Chemicals & Fertilizers



Founded: 2017



SOLUTION

Green chemistry cleaning products using renewable input materials



TECHNOLOGY / PROCESS

Probiotics



BENEFITS

- Manufactured using low energy, sustainable, green process
- Eco-friendly, bio-based home care products safe for family



HIGHLIGHTS

- Cost competitive to commercial chemicals while being green, non-toxic ingredients and biodegradable
- No effluent generated, safe for workers and handlers



CONNECT WITH TEAM

[Dr.Sivaram Pillai](#), Co-Founder & Director

[Bala Chandrasekhar](#), Co-Founder &

Director

[Vishwadeep Kuila](#), Co-Founder



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KEYWORDS

Green chemicals | Green chemistry technology platform



REMATERIALS

Decarbonization avenue: Low Carbon Construction Materials

 Ahmedabad

 Founded: 2014



SOLUTION

Cement-free interlocking modular locking systems for roofs



TECHNOLOGY / PROCESS

Modular locking system



BENEFITS

Cement and water-free roof structure, presenting a low carbon construction alternative



HIGHLIGHTS

- Undergone 750+ tests and evaluations
- Multiple color and aesthetic options available



CONNECT WITH TEAM

[Hasit Ganatra](#) - Founder



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KEYWORDS

Modular roofing panels | Heat resistance roofing technology

REFASH

REFASH

Decarbonization avenue: Low Carbon Textiles & Fashion



Founded: 2018



SOLUTION

Online platform for upcycled fashion & interior products



TECHNOLOGY / PROCESS

Online platform



BENEFITS

- Convenient for women to shop for quality secondhand clothes
- Women can extend the life cycle of their used clothes



HIGHLIGHTS

Sell products from designers and creative artisans who create new products out of old, discarded materials



CONNECT WITH TEAM

[Akanksha Kaila Akashi](#), Founder



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KEYWORDS

Upcycling fashion technology | Online upcycling platform | Secondhand fashion



RUNAYA

Decarbonization avenue: Low Carbon Metals



Founded: 2017



SOLUTION

Green solutions for the recovery of Aluminium and other metals from residual wastes in smelters.



TECHNOLOGY / PROCESS



BENEFITS

Ensures safe handling, evacuation and processing / marketing of dross in an environmentally friendly manner with zero waste and zero discharge.



HIGHLIGHTS

- Specializes in minor metal recoveries like Zinc, Cadmium, copper
- 100% of Aluminium dross processed into value-added products for a project in Odisha.



CONNECT WITH TEAM

[Naivedya Agarwal](#), CEO & Co-founder

[Annanya Agarwal](#), Co-founder



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KEYWORDS

Aluminium recovery | Dross processing | Metal recovery from smelter waste



SAATHI PADS

Decarbonization avenue: Low Carbon Textiles & Fashion

 Ahmedabad

 Founded: 2018



SOLUTION

100% biodegradable sanitary pads from banana fibers



TECHNOLOGY / PROCESS

Bioprocessing



BENEFITS

- Biodegradable, comfortable, non toxic and affordable pads
- Subsidize pads for underserved people in rural India
- Improves menstrual health in India



HIGHLIGHTS

- Saathi uses banana fibre instead of chlorine-bleached wood pulp or cotton
- Cradle-to-cradle approach helps to minimise waste and maximise environmental impact



CONNECT WITH TEAM

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[Tarun Bothra](#), Co-Founder



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KEYWORDS

Upcycling agricultural waste | Biodegradable sanitary pads | Waste into biodegradable pads



STRAWCTURE ECO

Decarbonization avenue: Low Carbon Construction Materials

 New Delhi

 Founded: 2018



SOLUTION

Repurposing straw waste into tiles, panels and other building materials



TECHNOLOGY / PROCESS

Bioprocessing



BENEFITS

- Modular, green, and thermally more comfortable solution to be built with, and faster
- Integrating agri-waste streams in the value chain which support livelihood of farmers



HIGHLIGHTS

- Uses bio-composite panels to build homes and hospitals
- Upcycle waste into raw material for green building products
- Fibre panels by combining agricultural waste and steel



CONNECT WITH TEAM

Shriti Pandey, Founder



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KEYWORDS

Construction waste management | Recycling construction materials | Reusing organic waste for construction | Farm stubble to eco-friendly home



STRING BIO

Decarbonization avenue: Low Carbon Chemicals & Fertilizers



Bengaluru
Founded: 2012



SOLUTION

Sustainable raw materials for animal nutrition, agriculture, human nutrition and personal care



TECHNOLOGY / PROCESS

Biotechnology, Microbiology



BENEFITS

- Converting methane into biostimulants for crops, animal feed, and alternative protein for human consumption
- Improved crop yields by up to 40% in potatoes and tomatoes



HIGHLIGHTS

- Fermented, scalable microbial proteins
- Methane derived, chemical-free, natural biostimulants to restore soil health & enhance crop yield



CONNECT WITH TEAM

[Dr.Ezhil Subbian](#), Co-Founder & CEO

[Vinod Kumar](#), Co-Founder & MD



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KEYWORDS

Nutrient-use efficiency | Methane into fertilizer

ZERUND



Decarbonization avenue: Low Carbon Construction Materials



Founded: 2013



SOLUTION

Eco-friendly bricks from plastic waste



TECHNOLOGY / PROCESS

Material processing



BENEFITS

- Uses waste plastic materials as a raw material, promoting sustainability
- Zerund bricks reduce construction time by 25%



HIGHLIGHTS

- Easy to install, has thermal and sound insulation
- Earthquake, pest, and fire resistant
- Bricks are water, crack and earthquake resistant



CONNECT WITH TEAM

[David Gogoi](#), Co-Founder

[Mousum Talukdar](#), Co-Founder

[Rupam Choudhury](#), Co-Founder



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KEYWORDS

Bricks from plastic recycling | Recycled brick for construction industry | Bricks embedded with recycled plastic

FOR CONTRACTORS, INSTALLERS, STARTUPS, ARCHITECTS & YOU.

We offer a wide variety of Sustainable Engineering services including Solar Power Plant Engineering, Green Buildings, Energy-efficient Buildings and EV Charging Stations

About Us

Illumine Industries is headquartered in Austin, Texas, United States. The firm currently employs over 300 industry professionals who are motivated to match the energy requirements of the country.

Illumine-i was founded by ex-Sunrun and SolarCity employees. Since its inception, Illumine-i has grown both horizontally and vertically, exploring new avenues and expanding its clientele. This growth has helped Illumine-i to deliver a broad range of professional services.



SCAN ME

A Journey Through Time

Our company's inception was the result of a trip from California to a small town in India. The journey disclosed an acute transition, from city lights, luxury cars, and air-conditioned buildings to single light bulbs, cycle commutes, and menial shelter.

Seeing a state twice as populous, running with half the amenities of basic human living, brought into question our approach towards living. We wanted to improve not just the scarcity of resources in destitute communities, but also to reduce wastage among affluent societies.

Our Exploits

“**Illumine Industries is the World's Largest Independent Digital Design Engineering Firm in the Residential PV Solar Sector.**”

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EXPLORE *Our World*

EMPOWER YOUR CAREER WITH US



Power Engineering

Our team of experienced engineers work on a variety of solar power plant projects ranging from small residential houses to Utility scale power plants. We are empowering sustainable power production.



Construction Engineering

Our team of tenured architects and engineers join hands to design energy-efficient buildings and green buildings, from sky-scrapers to hospitals to even football stadiums. We empower sustainable infrastructure.



Support Services

Our group acts like the nerve-center for employees and we cater to different aspects of the company like HR, Finance, Market Acquisition, Customer Experience, etc. We empower all the other teams to deliver consistently.

We are a bunch of passionate **geeks** doing our bit to make this world a better place, one day at a time. And at Illumine-i, we believe in having fun and we take it very seriously.

Ready to Geek out? Check out our careers page today!



SCAN ME



@illumine_i



Illumine-i

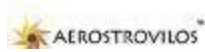


Lyf@Illumine-i



LOW CARBON MOBILITY

AEROSTROVILOS



Decarbonization avenue: Low Carbon ICE Vehicles



Founded: 2017



SOLUTION

Low-emission micro turbines for heavy vehicles



TECHNOLOGY / PROCESS

Micro-turbines



BENEFITS

- Low NOx emissions from micro turbine improves air quality
- Fuel flexibility reduces operation costs.



HIGHLIGHTS

- Flexible fuel input
- Proprietary materials reduced upfront cost by 10 times
- Patented technology: Reduced NOx emissions



CONNECT WITH TEAM

[Rohith Grover](#), Co-founder & CEO

[Pradeep Thangappan](#), Co-founder & COO

[Satyanarayanan R Chakravarthy](#), Technical

advisor



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KEYWORDS

Flexi-fuel turbines | Low emission turbines | Micro turbines

ALTIGREEN



Decarbonization avenue: Electric Mobility

 Bengaluru 

Founded: 2012



SOLUTION

Electric vehicle technology platform and solutions for two, three and four wheelers, customized for Indian conditions



TECHNOLOGY / PROCESS

EV design



BENEFITS

Affordable, carbon-free, accessible electric vehicles and specially designed for Indian road traffic conditions



HIGHLIGHTS

- | 100% indigenous technology
- | Solution includes motor & vehicle controls, transmission, telematics, battery management



CONNECT WITH TEAM

[Amitabh Saran](#) - Founder & CEO

[John Bangura](#) - Co-founder & VP - Engineering

[Shalendra Gupta](#) - Co-founder & CFO

[Lasse Moklegaard](#) - Co-founder & CTO



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KEYWORDS

Electric last mile transport | Electric two wheelers | Electric three wheelers | EV technology platform



ATHER ENERGY

Decarbonization avenue: Electric Mobility



Founded: 2013



SOLUTION

Smart electric scooters



TECHNOLOGY / PROCESS

EV design



BENEFITS

- | Electric scooters with better range, bigger batteries
- | The top-spec 450X offers a range of 85 km



HIGHLIGHTS

- | SmartEco mode regulates amount of power by dynamically adjusting maximum acceleration
- | Peak output for 450X and 450 Plus is 6 kW / 26Nm and 5.4 kW / 24 Nm



CONNECT WITH TEAM

[Tarun Mehta](#), Founder & CEO

[Swapnil Jain](#), Co-Founder



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KEYWORDS

Smart electric scooter



BATTERY SMART

Decarbonization avenue: Low Carbon Cities

 Gurgaon

 Founded: 2019



SOLUTION

EV battery swapping network and battery management solutions



TECHNOLOGY / PROCESS

Battery as a service, IoT



BENEFITS

- 2 minute quick battery swapping.
- Supports new & retrofit vehicle models
- Compatible with both electric three and two wheelers



HIGHLIGHTS

300+ battery swapping stations



CONNECT WITH TEAM

[Siddharth Sikka](#) - Co founder

[Pulkit Khurana](#) - Co founder



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KEYWORDS

Battery as a service | Battery swapping infrastructure



BATTERYPOOL

Decarbonization avenue: Low Carbon Cities

 Pune

 Founded: 2018



SOLUTION

Battery swapping solutions for EV fleets



TECHNOLOGY / PROCESS

SaaS, IoT



BENEFITS

- | Allows fleet operators to maximize their ROI from their EV's.
- | EV fleet can be charged with minimal space.
- | Zero downtime for charging.



HIGHLIGHTS

- | Swap stations can be set up at any location.
- | Swap stations customizable to wide range of Li-ion batteries
- | Batteries interoperable across 2 and 3 wheelers.



CONNECT WITH TEAM

[Ashwin Shankar](#) - Founder



ONLINE

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KEYWORDS

Customizable battery swapping solutions | Charging EV fleets



BLU SMART MOBILITY

Decarbonization avenue: Electric Mobility

 Gurgaon

 Founded: 2019



SOLUTION

All electric and intelligent urban taxi service



TECHNOLOGY / PROCESS

Cab hailing app



BENEFITS

Enabling mass electric mobility with efficient, affordable, intelligent and safe electric taxis



HIGHLIGHTS

- | The app doesn't have a Cancel button
- | Travel starting @Rs 99
- | Hourly rentals available



CONNECT WITH TEAM

[Anmol Jaggi](#) - Co-Founder

[Punit K Goyal](#) - Co-Founder



ONLINE

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KEYWORDS

Electric cab hailing | Electric cabs



BOLT

Decarbonization avenue: Electric Mobility

 Bengaluru

 Founded: 2014



SOLUTION

Affordable and multipurpose EV charging and operating systems



TECHNOLOGY / PROCESS

Smart charging



BENEFITS

- | Smart and universal charging point network
- | Anyone can install EV charging point to rent it for EV owners



HIGHLIGHTS

- | Can be purchased from their website, Amazon or Flipkart
- | EV charging infrastructure with 10000+ live charging points, accessible across 100+ cities via the BOLT app



CONNECT WITH TEAM

[Mohit Yadav](#) - Co-Founder

[Jyotiranjana Harichandan](#) - Co-Founder



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KEYWORDS

EV charging technology

BOUNCE



Decarbonization avenue: Electric Mobility

 Bengaluru

 Founded: 2018



SOLUTION

Electric scooter and bikes renting service



TECHNOLOGY / PROCESS

Shared mobility, IoT



BENEFITS

Electric mobility platform for commute that is stress-free, time-saving, reliable and convenient.



HIGHLIGHTS

- Daily, weekly, monthly and annual subscription available
- You can also rent out your idle vehicle to them
- Battery swapping solutions available



CONNECT WITH TEAM

[Anil G.](#) - Co-founder

[Vivekananda Hallekere](#) - Co-founder



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KEYWORDS

Electric vehicle rental



BRIGHTBLU

Decarbonization avenue: Electric Mobility

 Mumbai

 Founded: 2019



SOLUTION

Intelligent charging stations for EVs



TECHNOLOGY / PROCESS

Intelligent battery charging



BENEFITS

Building an ecosystem for accelerated adoption of EVs



HIGHLIGHTS

- IOT-Enabled: Connect via Bluetooth, WiFi or Ethernet
- Power management based on available load capacity.



CONNECT WITH TEAM

Wybren van der Vaart, Co-Founder & CEO



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KEYWORDS

Dynamic power management | EV charging solutions | Smart charging stations



CELL PROPULSION

Decarbonization avenue: Electric Mobility



Bengaluru

Founded: 2016



SOLUTION

Large scale electrification of commercial vehicle fleets using smart, electric mobility technologies



TECHNOLOGY / PROCESS

EV design



BENEFITS

Economically viable EV solutions for Intra-city commercial vehicle fleets ranging from 1.5 ton LCVs to 20 ton buses and trucks.



HIGHLIGHTS

- eLCV has a range 120-150 Km & top speed 60 Kmph
- eTruck has a range 200 Km & top speed 80 Kmph
- Integrated with AI-based accident avoiding system



CONNECT WITH TEAM

[Nakul Kukar](#) - Co-founder and CEO

[Paras Kaushal](#) - Co-Founder

[Supratim Naskar](#) - Co- Founder



ONLINE

[Website](#) | [LinkedIn](#) | [YouTube](#) | [Twitter](#)



KEYWORDS

Electric Light Commercial Vehicles (eLCV) | eTruck



CHALO

Decarbonization avenue: Mass Transit



SOLUTION

Mass transport aggregator and online ticket services



TECHNOLOGY / PROCESS



BENEFITS

Online tickets purchases is convenient and encourages mass transport
Elimination of paper-tickets and hard-cash usage
Online ticket count helps plan an efficient transport route.



HIGHLIGHTS

- | User friendly app & bus tracking
- | 5000 electric buses in the fleet
- | Online bus pass options eliminate counter waiting time.



CONNECT WITH TEAM

[Mohit Dubey](#), CEO & Co-founder

[Vinayak Bhavnani](#), Co-founder

[Dhruv Chopra](#), Co-founder



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KEYWORDS

Mass transport aggregator



ENIGMA

Decarbonization avenue: Electric Mobility

 Bhopal

 Founded: 2013



SOLUTION

Manufacturer of Electric Scooters



TECHNOLOGY / PROCESS



BENEFITS

- | Advanced technology for EV charging.
- | Customizable and scalable charging solutions.
- | Reduced carbon footprint through EV adoption.



HIGHLIGHTS

- | Smart Charging Solutions for EVs.
- | EV Chargers with Multiple Connectors.
- | Customized Charging Infrastructure Solutions.



CONNECT WITH TEAM

[Anmol Bohre](#) - Co-Founder

[Alankrit Bohre](#) - Co-Founder



ONLINE

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KEYWORDS

Electric Two Wheelers



EULER MOTORS

Decarbonization avenue: Electric Mobility

 New Delhi

 Founded: 2018



SOLUTION

Electric cargo 3- wheelers with high load and fast charging capabilities



TECHNOLOGY / PROCESS

EV design, Telematics



BENEFITS

Has the potential to convert a significant portion of small cargo transport to electric vehicles



HIGHLIGHTS

- Comprehensive telematics
- Liquid cooled battery pack
- Dustproof and waterproof battery pack with IP 67 certification



CONNECT WITH TEAM

[Saurav Kumar](#) - Founder



ONLINE

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KEYWORDS

Electric 3 wheelers | Electric cargo vehicles



EXPONENT ENERGY

Decarbonization avenue: Electric Mobility

 Bengaluru

Founded: 2020



SOLUTION

Rapid battery charging for EVs through a proprietary battery pack and BMS solution



TECHNOLOGY / PROCESS

Charging impedance management



BENEFITS

- | 15 min charging, 3000 cycle life
- | Easy to install & manage



HIGHLIGHTS

- | Scalable battery pack architecture
- | Uses affordable Lithium-ion cells for its battery pack



CONNECT WITH TEAM

[Arun Vinayak](#), Co-Founder

[Sanjay Byalal](#), Co-Founder



ONLINE

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KEYWORDS

Fast charging technology | Rapid charging EV | Battery Management System



GOEGO.NETWORK

Decarbonization avenue: Electric Mobility



Pune



Founded: 2020



SOLUTION

Intelligent EV charging solutions



TECHNOLOGY / PROCESS

Data analytics, SaaS, Smart charging



BENEFITS

- Charging software allows remote management and map view of charging stations.
- Web application allows charging at any station in the network.



HIGHLIGHTS

- goME, goCONNECT, goCHARGE are the technologies offered.



CONNECT WITH TEAM

[Pravin Kumar](#) - Co founder

[Dheeman Kadam](#) - Co founder



ONLINE

[Website](#) | [LinkedIn](#) | [YouTube](#)



KEYWORDS

Smart charging stations | EV charging remote management



HOP ELECTRIC

Decarbonization avenue: Electric Mobility



SOLUTION

Manufacturer of electric powered motorcycle and scooters



TECHNOLOGY / PROCESS

Electric Mobility



BENEFITS

- Designed with low carbon automotive steel, making it rigid and safe
- Regenerative braking system
- Suited for Indian ergonomics



HIGHLIGHTS

- eFlow intelligent powertrain
- Five-inch LCD instrument console with Bluetooth connectivity
- No gears or clutch



CONNECT WITH TEAM

[Ketan Mehta](#), Co-founder and CEO

[Nikhil Bhatia](#), Co-founder and CBO

[Rahil Gupta](#), Co-founder and CTO



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KEYWORDS

Electric Motorcycle | Electric Scooters



IPLTECH ELECTRIC

Decarbonization avenue: Low Carbon Trucking

 New Delhi

 Founded: 2018



SOLUTION

All-weather commercial EV trucks



TECHNOLOGY / PROCESS



BENEFITS

Electric trucks can replace diesel trucks which in turn reduces GHG emissions



HIGHLIGHTS

- | Regenerative braking system
- | 1.5 hr fast charge
- | Faster acceleration than diesel counterparts



CONNECT WITH TEAM

[Subodh Yadav](#), CEO

[Sid Das](#), Co-founder

[Chetan Singhal](#), Co-founder

[Ankush Sharma](#), CFO



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KEYWORDS

Electric trucks | Commercial EVs



IVOOMI ENERGY

Decarbonization avenue: Electric Mobility

 New Delhi

 Founded: 2001



SOLUTION

Electric two wheelers and batteries



TECHNOLOGY / PROCESS

EV design



BENEFITS

- Ergonomic scooter designs for riders and commuters.
- Batteries provide long range



HIGHLIGHTS

- Inhouse manufactured Li-ion battery packs
- S1, Jeet, Eco, City are the range of two wheelers offered



CONNECT WITH TEAM

[Sunil Bansal](#) - Founder and MD

[Ashwin Bhandari](#) - Co founder and CEO



ONLINE

[Website](#) | [LinkedIn](#) | [YouTube](#)



KEYWORDS

Electric scooters | Li-ion battery packs | Long range electric two wheelers



INGO ELECTRIC

Decarbonization avenue: Electric Mobility



Bengaluru

Founded: 2018



SOLUTION

Electric scooters with a focus on logistics fleets



TECHNOLOGY / PROCESS

EV design



BENEFITS

- Higher payload capacity helps logistics fleet to achieve a lower op-ex.
- Cost-effective - Rs. 5 for 50 km.



HIGHLIGHTS

- Charges the battery under 2 hours from a standard socket
- Made in India Li-ion batteries



CONNECT WITH TEAM

Nikhil Gonsalves - Founder



ONLINE

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KEYWORDS

Electric scooters for micro mobility | Electric scooters for logistics fleets



LOADEXX

Decarbonization avenue: Electric Mobility



SOLUTION

Tech-based last-mile logistics aggregator with a focus on electric vehicles use.



TECHNOLOGY / PROCESS

Subscription model



BENEFITS

- Serves individuals, businesses and farmers through electric pick ups & cargo vehicles
- Reduces 25% costs on transport and fuel



HIGHLIGHTS

- Vehicle renting service available on demand by using app
- Monthly subscription available for farmers and businesses with incentives



CONNECT WITH TEAM

[Amit Arora](#) - Co-Founder

[Vikas Kandoi](#) - Co-Founder



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KEYWORDS

On-demand logistic platform | Finance for Cargo EVs | Delivery vehicles for e-commerce companies



MAGENTA

Decarbonization avenue: Electric Mobility



Bengaluru

Founded: 2017



SOLUTION

EV battery charging network and infrastructure



TECHNOLOGY / PROCESS

Smart charging



BENEFITS

The company offers charging infrastructure that is hassle free and with plug & play installation



HIGHLIGHTS

- Charging stations come with display screen containing live data and OCPP 1.6 charging protocol
- Co also develops IT solutions for clean energy and electric mobility



CONNECT WITH TEAM

[Maxson Lewis](#) - Co-Founder

[Darryl Dias](#) - Co-Founder



ONLINE

[Website](#) | [LinkedIn](#) | [YouTube](#) | [Twitter](#)



KEYWORDS

EV charging stations



METRORIDE

Decarbonization avenue: Mass Transit



Founded: 2019



SOLUTION

EV shuttle service to Metro Stations,
Corporate Parks and Universities/Colleges.



TECHNOLOGY / PROCESS

Electric Vehicle



BENEFITS

- Monitored using IOT devices, making the rides safe and reliable
- MetroRide app offers an easy ride booking facility



HIGHLIGHTS

- More than 100 Metro stations connected in India
- More than 1300 K commuters so far



CONNECT WITH TEAM

[Girish Nagpal](#) - CEO And Co-Founder

[Kaaman Agarwal](#) - CTO & Co-Founder



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KEYWORDS

Electric Shuttle Service | Metro Shuttle Service | EV Metro Shuttle



NAVALT

Decarbonization avenue: Low Carbon Marine Transport



SOLUTION

Solar powered electric ferries & boats



TECHNOLOGY / PROCESS

Solar PV



BENEFITS

- Every boat avoids significant carbon emissions every year
- Significant savings on diesel makes it an attractive economic proposition



HIGHLIGHTS

- Powered by solar panels on top of the boats
- The first commercially viable mode of transport powered by solar energy in India
- Winners of the 2020 Gustave Trouve Electric Boat Awards



CONNECT WITH TEAM

[Sandith Thandasherry](#), CEO



ONLINE

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KEYWORDS

Solar powered ferry | Electric boats | Battery powered boats



NUMOCITY

Decarbonization avenue: Electric Mobility



Bengaluru

Founded: 2018



SOLUTION

Intelligent charging management platform
for e-mobility service providers



TECHNOLOGY / PROCESS

Smart charging



BENEFITS

- Charging platform can be easily integrated into fleet operations using secure APIs
- Unique user experiences for home charging and public charging



HIGHLIGHTS

- Digital SaaS platform for energy delivery to electric vehicles
- Charging/swap sessions can be based on money, time, energy and battery charge



CONNECT WITH TEAM

[Siddharth Sreenivasan](#), Co-Founder

[Ravikiran Annaswamy](#), Co-Founder &

CEO



ONLINE

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KEYWORDS

EV charging monetization | Intelligent charging platform



ORXA ENERGIES

Decarbonization avenue: Electric Mobility

 Bengaluru

 Founded: 2015



SOLUTION

Manufactures electric motorcycles and battery packs.



TECHNOLOGY / PROCESS

EV design



BENEFITS

- ┆ Covers a long range without charging.
- ┆ Suitable to all types of city roads and highways.



HIGHLIGHTS

- ┆ Products include Mantis - electric bike and trike.
- ┆ Battery swapping feature present in the electric bike.



CONNECT WITH TEAM

[Ranjita Ravi](#) - Co Founder

[Prajwal S](#) - Co Founder



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KEYWORDS

Long range electric motorcycles | Electric trike



OZONE MOTORS

Decarbonization avenue: Electric Mobility



SOLUTION

Electric cars and bikes for shuttle and commute.



TECHNOLOGY / PROCESS

Electric Mobility



BENEFITS

- Liability free operation model
- Automated predictive maintenance ensuring safety, and time savings



HIGHLIGHTS

- Integrated contactless payment system
- Zero commission charges
- Shared cabs, personal cabs and in-campus shuttles



CONNECT WITH TEAM

- [Deepak Mohan](#), -Founder & CEO, Head of products
- Ashok Manor - Director, Head of strategy
- [Elavenil Gouthaman](#) - Co-founder & Director



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[Website](#) | [LinkedIn](#) | [YouTube](#) | [Twitter](#)



KEYWORDS

Electric shuttle vehicles | Electric Cabs | Electric Bikes

PRAVAIG

PRAVAIG DYNAMICS

Decarbonization avenue: Electric Mobility

 Bengaluru

 Founded: 2011



SOLUTION

Deep tech solutions for electric vehicles, batteries and AI for autonomous vehicles



TECHNOLOGY / PROCESS

AI, Autonomous vehicles, EV design



BENEFITS

- Purpose built cars
- Rapid charging options
- 504 Km range in one charge



HIGHLIGHTS

- First Made in India luxury EV
- Containerised large scale solutions for grid level energy storage
- Reaches 0-100 Km/hr in 4.3 secs



CONNECT WITH TEAM

Siddhartha Bagri - CEO



ONLINE

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KEYWORDS

Deep tech for electric mobility | Deep tech for energy storage | Purpose built electric vehicles



PURE ELECTRIC

Decarbonization avenue: Electric Mobility

 Sangareddy

 Founded: 2018



SOLUTION

Electric two wheelers and lithium ion batteries



TECHNOLOGY / PROCESS

EV design



BENEFITS

High performance electric two wheelers at affordable prices to accelerate mass adoption of zero emission scooters



HIGHLIGHTS

- Bike has a top speed of 85 kmph, a range of 90-140 km and 160 kg of load bearing capacity
- High torque motors
- Long lasting Li-ion batteries



CONNECT WITH TEAM

[Nishanth Dongari](#) - Founder



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KEYWORDS

Electric bikes | Safe and lightweight lithium batteries

SUN MOBILITY



Decarbonization avenue: Electric Mobility

 Bengaluru

 Founded: 2017



SOLUTION

Smart EV batteries and battery swapping technology



TECHNOLOGY / PROCESS

Smart charging, Battery intelligence



BENEFITS

Battery swap solution for EVs with 'Pay as you go' business model tackle the key challenge of long charging times



HIGHLIGHTS

- Lightweight and smart Li-ion batteries
- Customised plug and play docks
- Only Indian company listed in Global Climate Tech 100 in the year 2021.



CONNECT WITH TEAM

[Chetan Maini](#), Founder



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KEYWORDS

Battery swapping solutions

TAQANAL ENERGY



Decarbonization avenue: Low Carbon Cities

 Bengaluru

 Founded: 2018



SOLUTION

Cloud connected modular battery ecosystem



TECHNOLOGY / PROCESS

Data analytics, IoT, Cloud computing



BENEFITS

- Eliminates entry cost barrier, 60% savings
- Eliminates range anxiety for consumers



HIGHLIGHTS

- Swapping stations network.
- Features: Data analytics, IoT, battery app
- Remote battery management



CONNECT WITH TEAM

[Mohan Satyaranjan](#), Founder & CEO



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[Website](#) | [LinkedIn](#) | [YouTube](#)



KEYWORDS

Swappable batteries | Battery as a service



THE EPLANE COMPANY

Decarbonization avenue: Low Carbon Aviation



SOLUTION

Developing a compact VTOL electric flying taxi

TECHNOLOGY / PROCESS



BENEFITS

Decongests city roads and reduces automotive GHG emissions



HIGHLIGHTS

- Potential for multiple applications
- Can be used for cargo movement and military applications
- 200 KM range



CONNECT WITH TEAM

[Pranjal Mehta](#), CEO & Co-founder

[Satya Chakravarthy](#), Technical head & Co-Founder



ONLINE

[Website](#) | [LinkedIn](#)



KEYWORDS

Electric tax | Flying taxi



TORK MOTORS

Decarbonization avenue: Electric Mobility



SOLUTION

Electric motorcycles and EV powertrains



TECHNOLOGY / PROCESS

Electric powertrain



BENEFITS

Zero-emission motorcycles



HIGHLIGHTS

- Max speed: 105 Kmph, Range: 120 KM
- Powertrain technology developed in-house
- Backing from Bharat Forge



CONNECT WITH TEAM

[Kapil Shelke](#), Founder & CEO

[Premanand Risbud](#), CFO



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KEYWORDS

Electric motorcycles | EV powertrain



TURN0

Decarbonization avenue: Electric Mobility



Bengaluru

Founded: 2022



SOLUTION

Platform to buy commercial electric vehicles.



TECHNOLOGY / PROCESS

Online marketplace



BENEFITS

- Easy downpayment option with buyback to make ownership of EV easy
- Battery value guarantee.



HIGHLIGHTS

Wide selection of vehicles featured from partner OEMs.



CONNECT WITH TEAM

[Hemanth Aluru](#) - Co founder

[Sudhindra Reddy Pidapa](#) - Co founder



ONLINE

[Website](#) | [LinkedIn](#) | [YouTube](#)



KEYWORDS

EV online marketplace | Commercial EVs



VAAN MOTO

Decarbonization avenue: Low Carbon Cities

 Kochi

 Founded: 2019



SOLUTION

High-end urban electric bike



TECHNOLOGY / PROCESS

Electric vehicle design



BENEFITS

- Removable Li-ion battery provides energy for tough conditions.
- Supports long distance rides.



HIGHLIGHTS

- E-bikes include Urbansport, Urbansport Pro, Stelvio.
- Design includes unisex aluminium frame, Benelli lightweight rims, Benelli saddle.



CONNECT WITH TEAM

Jithu Sukumaran Nair - Founder



ONLINE

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KEYWORDS

Electric mountain bikes | Premium electric bikes



VAYVE MOBILITY

Decarbonization avenue: Electric Mobility

 Pune

 Founded: 2021



SOLUTION

Electric car suited for urban, intra-city travel



TECHNOLOGY / PROCESS

Electric Vehicle



BENEFITS

- Convenient charging
- Easily manoeuvre through busy traffic



HIGHLIGHTS

- 250 km Range, 40 Nm Max Torque
- 14 kWh Battery Pack
- Active Liquid Cooling



CONNECT WITH TEAM

[Nilesh Bajaj](#) - CEO

[Saurabh Mehta](#) - CTO



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KEYWORDS

Solar Electric Car



YULU

Decarbonization avenue: Electric Mobility



Bengaluru

Founded: 2017



SOLUTION

Electric micromobility service providers, providing electric bikes as a service



TECHNOLOGY / PROCESS

Shared mobility, Smartphone app



BENEFITS

These bikes help reduce CO2 emissions while also reduce traffic congestion



HIGHLIGHTS

- Download app, locate, scan QR and ride freely anywhere
- Has three electric variants - a scooter, bike and a bicycle



CONNECT WITH TEAM

[Amit Gupta](#) - Co-Founder & CEO

[Naveen Dachuri](#) - Co-Founder & CTO

[Hemant Gupta](#) - Co-Founder & COO



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KEYWORDS

Urban electric mobility | Electric micro mobility vehicles

ZIPTRAX

Decarbonization avenue: Electric Mobility



 New Delhi

 Founded: 2016



SOLUTION

Lithium-ion battery life-enhancing, recycling, refurbishment



TECHNOLOGY / PROCESS

Machine learning



BENEFITS

Battery life enhancement leads to higher value from each battery and lower carbon emissions overall



HIGHLIGHTS

- Unique Machine Learning algorithms for cell auditing and management
- Also provide refurbishing, repurposing and battery swapping services



CONNECT WITH TEAM

Rohan Singh Bais - Co-founder

Sonu (Sonia) Singh - CEO



ONLINE

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KEYWORDS

Long lasting batteries | Li-ion battery recycling



ZYPP ELECTRIC

Decarbonization avenue: Electric Mobility

 Gurgaon 

Founded: 2017



SOLUTION

Hyperlocal and EV-based last-mile delivery through e-bike renting facility



TECHNOLOGY / PROCESS

Rental platform, Drone services



BENEFITS

Zero emissions hyperlocal and last mile transport



HIGHLIGHTS

- | Planning to launch drone based delivery system
- | e-scooters to deliver medical, food, grocery parcels in long distances



CONNECT WITH TEAM

[Akash Gupta](#) - Founder

[Rashi Agarwal](#) - Co-Founder



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KEYWORDS

Electric scooter rental | EV as-a-service platform | Electric scooter rental app

OTHERS



BREATHE

Decarbonization avenue: Renewable Natural Gas



Bengaluru

Founded: 2016



SOLUTION

Green methanol produced using CO2 captured from the atmosphere



TECHNOLOGY / PROCESS

Gasification, Gas to liquid process



BENEFITS

Scalable, modular and low cost technology to convert CO2 to methanol



HIGHLIGHTS

- Uses a low cost catalyst from abundant earth materials
- Only team from India to reach the finals of the \$20-million global challenge -NRG Cosia Carbon XPrize.



CONNECT WITH TEAM

Sebastian C Peter, Founder

Rakshith Raghavan Belur, Co-Founder

Umesh V Waghmare, Co-founder



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KEYWORDS

CO2 Utilization | Green methanol | CO2 to methanol



CARBON CLEAN

Decarbonization avenue: Renewable Natural Gas

 Mumbai

 Founded: 2009



SOLUTION

Cost-effective technology solutions for industrial carbon emitters to enable capturing of CO₂.



TECHNOLOGY / PROCESS



BENEFITS

Industrial emitters will be able to offset large CO₂ emissions.

Recycled CO₂ products are now a multibillion-dollar growing market.



HIGHLIGHTS

- CDRMax™ process can achieve 90%+ capture rates
- Established world's first fully commercial carbon capture, storage, and utilisation plant in Chennai.



CONNECT WITH TEAM

[Aniruddha Sharma](#), CEO

[Prateek Bumb](#), Co-founder & CTO

[Laura Gillions](#), Director of marketing and communications



ONLINE

[Website](#) | [LinkedIn](#) | [YouTube](#) | [Twitter](#)



KEYWORDS

CO₂ utilization | CO₂ storage | CO₂ capture

Earthood **EARTHHOOD**

Decarbonization avenue: Renewable Natural Gas

 Gurgaon 

Founded: 2012



SOLUTION

Audits for Carbon Offsets Projects, advisory for Net Zero Road Map, ESG, sustainability, energy Efficiency, and agri-tech.



TECHNOLOGY / PROCESS



BENEFITS

- Improves carbon off-set and achieve net-zero goals as soon as possible.
- Valuable audit insights help optimise processes and reduce operating costs.



HIGHLIGHTS

- One of the first UN established Carbon Development Mechanism (CDM) auditors.
- Qualified professionals in the field of auditing of GHG projects under Clean Development Mechanism (CDM), Verified Carbon Standard (VCS), and Gold Standard (GS).



CONNECT WITH TEAM

Dr. Kaviraj Singh, Founder



ONLINE

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KEYWORDS

GHG audit | Corporate carbon offset



ECOPLORE

Decarbonization avenue: Renewable Natural Gas

 New Delhi

 Founded: 2014



SOLUTION

A booking platform for curated eco-hotels



TECHNOLOGY / PROCESS

Online platform



BENEFITS

- Offers a lifetime experience of living in a mud, wood, or stone house
- Eco-hotels are located near waterfalls, beside rivers, inside forests or on mountains



HIGHLIGHTS

- Hotels that are made of mud, wood, bamboo, stone, or any local architecture
- Hotels follow sustainable measures like rainwater harvesting, solar panels, composting, no plastic zone etc.



CONNECT WITH TEAM

[Perna Prasad](#), Founder & CEO



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KEYWORDS

Eco-friendly accommodation | Eco-stay | Eco travelling

LOW SOOT



Decarbonization avenue: Renewable Natural Gas



Bengaluru

Founded: 2010



SOLUTION

An IoT app for individuals to track and minimize their carbon footprints



TECHNOLOGY / PROCESS

IoT



BENEFITS

- ┆ Gives businesses the tools needed to take themselves to net-zero carbon emissions
- ┆ Helps individuals track and control their daily carbon footprint



HIGHLIGHTS

- ┆ Enables investing in carbon-reduction projects
- ┆ A modular platform flexible to all businesses



CONNECT WITH TEAM

Sachin Sengar, Founder & CEO



ONLINE

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KEYWORDS

Reducing Carbon footprints | Tracking Carbon footprint | Carbon footprint for individuals



OFFSET FARM

Decarbonization avenue: Renewable Natural Gas

 Singapore

 Founded: 2021



SOLUTION

Enabling quick and simple climate action financing .



TECHNOLOGY / PROCESS



BENEFITS

Enables initial funding to sustainable projects to fastrack carbon offset.



HIGHLIGHTS

- | Enabled cleaner cooking access in lower Himalayan region
- | Timely finance helps provide low carbon irrigation access to Indian farmers.



CONNECT WITH TEAM

[Saurabh Saraf](#), Co-founder

[Ankit Mathur](#), Co-founder



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KEYWORDS

Climate finance | Climate change enabler



TERRACARB

Decarbonization avenue: Renewable Natural Gas

 Coimbatore

 Founded: 2017



SOLUTION

Pyrolysis-based manufacturing of Graphene



TECHNOLOGY / PROCESS



BENEFITS

- | Graphene-based additives for manufacturing solar cells, water filtration,
- | Graphene-based composites, construction materials, catalysts, and supercapacitors.
- | Caters to paint and coatings sectors



HIGHLIGHTS

- | Customized Graphene based additives, catering to different market segments.
- | Affordable pricing



CONNECT WITH TEAM

[Solomon Jones](#) - CEO



ONLINE

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KEYWORDS

Graphene Nanomaterials

Thank you for reviewing the India Climate Startup Snapshots by CLIMAFIX.

We hope the list of startups, and the concise intelligence provided about each, helped you get a better understanding of the climate startup ecosystem in India - both the breadth of solutions they provide as well as the depth of expertise each startup brings with it.

While we continue our research of the exciting world of Indian climate startups and endeavour to provide more intelligence, it will be wonderful to receive your feedback and opinions about the Snapshots - what you found good, what could be improved and how we can make this a super valuable resource.

We request you to send in your feedback to climafix@eai.in

We thank you once again for using this resource and look forward to hearing from you.

Team CLIMAFIX

Launched as a part of CLIMAFIX SUMMIT 2023



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