



YOUTH
CO:LAB

Citi Foundation



CLIMATE INNOVATORS

ABOUT YOUTH CO:LAB INDIA 2021

Youth Co:Lab, co-created in 2017 by UNDP Asia and the Pacific and Citi Foundation is a multi-dimensional and multi-level response to tackle the challenges young people face by positioning youth front and center to find solutions to today's most pressing problems. Youth Co:Lab aims to establish a common agenda for Asia-Pacific countries to invest in and empower youth to accelerate the implementation of the SDGs through leadership, social innovation and entrepreneurship.

UNDP India and Atal Innovation Mission, NITI Aayog have joined hands to strengthen the youth-led innovation and social entrepreneurship ecosystem through Youth Co:Lab India. The fourth edition of Youth Co:Lab India focused on identifying and supporting youth climate and green entrepreneurs. Youth Co:Lab 2021 invited youth-led early stage social enterprises or innovations working in the space of:



Circular Economy
and Waste
Management



Sustainable
Transportation



Sustainable
Tourism



Sustainable Food
Technology

COHORT STATISTICS

389

Number of applications



41

Start-ups shortlisted to participate in the National Springboard Programme



23

Women led/co-led start-ups



8

Finalists



2

Winners



30

Circular Economy & Waste Management



3

Sustainable Tourism



6

Sustainable Food Technology



6

Sustainable Transportation



Glimpses of Springboard Programme



Three-month-long National Springboard Programme

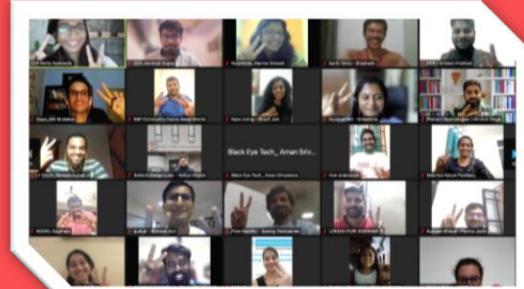
41 Start-ups

Bootcamp

Webinars

Expert Sessions

Open Office Hours





YOUTH
CO:LAB

Citi Foundation

citi



MEET THE CLIMATE INNOVATORS

PadCare Labs



Pune, Maharashtra



<https://padcarelabs.com/>

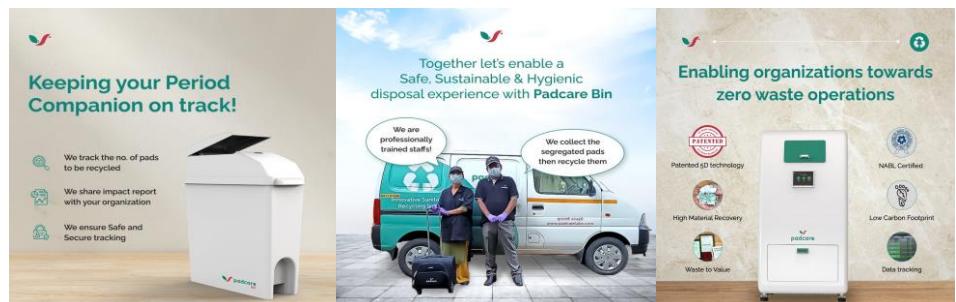


<https://www.linkedin.com/company/padcare-labs-pvt-ltd/>



Founded in 2018, PadCare is an unprecedented hygiene management solution that completes the loop of menstrual hygiene economy by generating harmless, recyclable output out of sanitary pads. PadCare's sanitary pad recycling solution is a novel, patented hygiene management system that breaks down absorbent sanitary waste into two by-products - cellulose and plastic through multi-step mechanics. The cellulose further is used for making different products like Plant pots, table tops, paver blocks and in the chemical and agri industry.

They are currently serving across six major cities in India. The mission of the start-up is to make modern sanitation choices safer and recyclable for women across the world and encourage inclusiveness, equality, and healthier practices in public hygiene on a global scale.



Founders



Ajinkya Dhariya
Founder and CEO
PadCare Labs



Aasawari Kane
Founding Member, R&D
PadCare Labs

Li-Circle



Bengaluru, Karnataka



www.licircle.com



<https://www.linkedin.com/company/trishulavel/>



India imports 100% of lithium-ion cells worth billions of dollars every year and exports the same used batteries to other countries for recycling. With the upcoming surge in lithium-ion waste, there is an opportunity to solve and become self-reliant by supplying the recycled materials for cell manufacturing.

Founded in 2020, Li-Circle is working on reverse logistics and recycling lithium-ion batteries. It is working to strengthen the global advanced battery storage raw material supply chain by sustainable and eco-friendly urban mining, enhancing the circular economy. Li-Circle has created an end-to-end solution to support the original equipment manufacturers' extended producer responsibility by safely collecting and processing the end-of-life lithium-ion batteries.



Founder



Santosh Kumar J
Founder, Li-Circle

Elexcion Energy



Visakhapatnam, Andhra Pradesh



www.elexcionenergy.com



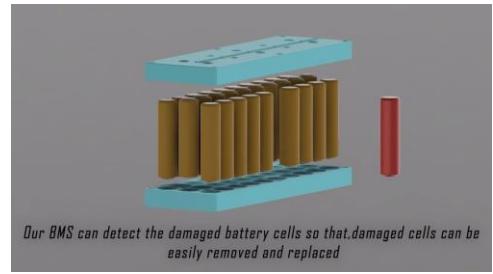
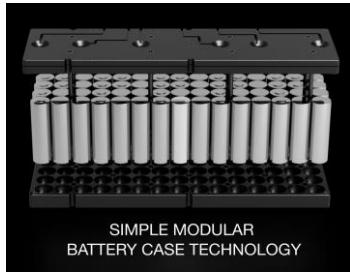
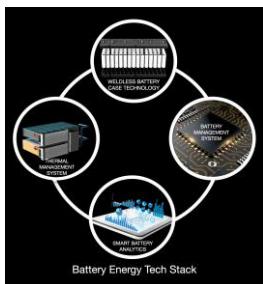
<https://www.linkedin.com/company/elexcion-energy/>



Founded in 2020 with a vision to accelerate Earth's transition towards Clean mobility and to enable people and planet with clean energy, Elexcion Energy's mission is to design, develop and deploy a fully connected energy efficient electric 2-wheeler. Elexcion Energy is a deep tech company developing Battery Energy Tech stack for Electric vehicles and Battery Energy storage solutions.



As their first product, they have developed a Modular weldless battery case technology that combines several functions into fewer parts with no welding required making the battery assembly simpler, faster and cost effective. They are currently developing an advanced BMS (Battery Management System) which can detect the damaged battery cell for easy replacement and reduce battery pack maintenance cost by 83%. Elexcion Energy Smart Battery Analytics is integrated with advanced detection and predictive algorithms for better data driven decisions and improved battery performance.



Founders



Praveen Bhaskar Reddi
Founder and CEO
Elexcion Energy



Sourya Pradeep Taduthuri
Co-Founder and CDO
Elexcion Energy

IUVA Foods Pvt Ltd



Bengaluru, Karnataka



<https://www.iuvalife.com/>

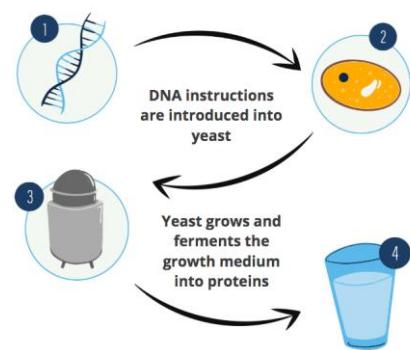


<https://www.linkedin.com/company/iuva-life/>



Founded in 2018 with the aim of satisfying people's sweet-tooth, IUVA Foods Pvt Ltd has been providing its customers with a range of ice-creams that carry a very few calories.

IUVA Foods is now developing a novel technique to produce environmentally sustainable Beta-2-Casein (A2 Beta casein) by creating high yield recombinant hyper expression systems in Bakers yeast. Its new range of "NU-CASEIN" offers an alternative, sustainable, non-immunogenic and environmentally friendly pure protein. The recombinantly produced A2 Beta casein protein can be used by industries such as nutraceutical manufacturers, cosmetic industry and cheese manufacturers.



Founders



Sourav Padhee
Founder and CEO
IUVA Foods Pvt Ltd



Shama Bhat
Co-Founder and CTO
IUVA Foods Pvt Ltd

Greenovate Solutions



Pune, Maharashtra



www.greenovate.in



<https://www.linkedin.com/company/greenovate-solutions-pvt-ltd/>



Creating solution for pollution



Greenovate Solutions is a research-based start-up working under Bhau Institute of Innovation, Entrepreneurship and Leadership and Venture Center at NCL Innovation Park. They design pollution-preventing technologies promoting the usage of cleantech and sustainability to tackle environmental issues.

The start-up gets inspirations from core chemical engineering concepts and modify, research, and develop them to solve the problem. Greenovate Solutions develops patentable technologies and also works towards implementing them in the industry. It aims to develop sustainable and impactful technologies which can help the environment. Greenovate Solutions is currently working on developing a carbon capture unit which can take in all sorts of effluent, pollution and disposal streams coming from industries, factories and individual entities and separate carbon from that effluent stream.



Founder



Mistry Ronak Yogesh
Founder
Greenovate Solutions Pvt Ltd

E&P Community Farms



Pune, Maharashtra



<https://ep-farms.com/>



<https://www.linkedin.com/company/e-p-community-farms>



E&P Community Farms assists new generation farmers in transitioning from traditional farming to new age organic farming all while keeping the core of traditional farming alive. The first stage of the business is to create local organic fungicide productions to counter use of expensive chemical fungicides. Their E&P waste processing unit is designed to help process all organic waste into high quality organic fungicide. Each of their units can reduce fungicide expenditure by 2.4 lakhs per year and increase income of rural women by Rs 60,000 per year. With this, E&P Community Farms intends to solve the problem of waste management and expensive farming practices at its very core.

E&P Community Farms with its efforts to clean rural India have successfully helped clean 12 villages. Its efforts to increase rural women employment has led to partnerships with ten self help groups and increased the income of 200 women.



Founders



Farah Parveen
CEO
E&P Community Farms



Saeel Momin
Founder
E&P Community Farms

Krishna's Navjeevan Group



Pune, Maharashtra



https://showroom.dotpe.in/wooden_magick



<https://www.linkedin.com/in/aishwarya-dasare-78719a138/>



Krishna's Navjeevan Group serves people healthy and nutritious food products with a scientific approach at an affordable price. The extraction process from oil seeds results into two types of outputs: oil and oil cake residue. At industrial level, this oil cake residue undergoes wastage. However, at Krishna's Navjeevan Group, this oil cake with the help of development of post-harvesting technology brings a value addition in the wasted oil cake and has opened up a research field aimed at minimizing and efficiently managing to support the concept of zero waste.

The use of these by-products and residues from the oil industries is a sustainable alternative to reduce waste disposal and also contributes to the development at low cost of new products rich in nutrients. Edible oil cakes have a high nutritional value; especially have protein content ranging from 15% to 50%. A solution for reducing food wastes is extracting the maximum value from wastes.



Founders



Aishwarya D. Kulkarni
Founder
Krishna's Navjeevan
Group



Abhishek Kulkarni
Founder
Krishna's Navjeevan
Group

Encamp Adventures



Guwahati, Assam



www.encampadventures.com

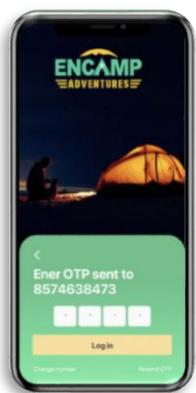
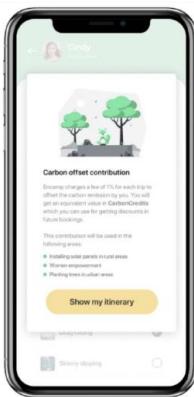


<https://www.linkedin.com/company/encampadventures/>



Founded in August 2018, Encamp Adventures enables tourists to experience all there is to Northeast through its camping services in some of the most exotic locations in the region.

Measuring carbon emission is the last priority in the traveler's needs hence Encamp Adventures is designing a tool through which the automation will enable the users to know their impact and take action easily by supporting carbon mitigation projects while they go about fulfilling their requirements. From government departments like tourism and transport to online travel companies and corporates all have to work towards the climate goals as policies are getting stringent. Encamp Adventures' tool will help simplify their efforts to go carbon neutral.



Founder



Ratan Kumar
Founder
Encamp Adventures

Fuselage Innovations Pvt. Ltd.



Ernakulam, Kerala



www.fuselage.co.in

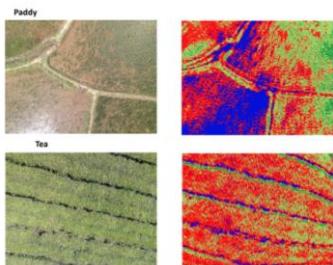


<https://www.linkedin.com/company/fuselageinnovations/>



Fuselage Innovations Pvt Ltd is a start-up having its office at India's largest electronic incubator, Maker Village, specializing in the manufacture of UAVs/drones. Fuselage Innovations addresses the need to increase the efficiency and sustainability of the farming business by deploying the most advanced solution for mapping and diagnostics of farmland through their dedicated drones. Their vision is sustainable agriculture and food security through digital access to agronomy knowledge and best farming practices.

Fuselage Innovations has designed a tool that can identify the pest, nutrient deficiency and can also run an analysis of the input requirements through its aerial platforms. This will increase the yield by 50-60% and this tool can be accessed by ecosystem partners and stakeholders by leveraging the services of Fuselage Innovations.



FIA SPECTRA UAV



FIA AGRON UAV

Founders



Devan Chandrasekharan
Managing Director
Fuselage Innovations



Devika Chandrasekharan
Director
Fuselage Innovations

Earth Tatva Innovation



Ahmedabad, Gujarat



www.earthtatva.com/



<https://www.linkedin.com/company/earth-tatva-recycled-ceramics/>



Earth Tatva uses 60% of post-industrial landfilled ceramic rejects to make food safe and 35% stronger ceramic wares that are 100% recyclable, clearing landfills & reducing mining for natural resources by 60%. It offers green mealing and green building solutions through its recycled ceramics' tableware & architectural products. Essentially, doing more and better with less.

Earth Tatva can manufacture any symmetric or asymmetric shape of any size and surface finish using the recycled ceramic while reducing the use of virgin natural resources and energy consumption, notably reducing the carbon footprint and increasing profits for all stakeholders. It practices closed-loop processing to achieve zero-waste manufacturing, adhering to the principles of circular economy and directly supporting SDG-12.



Founder



Shashank Nimkar
Founder
Earth Tatva

Ecoterra Biodesign



Ahmedabad, Gujarat



www.nsrl.org/portfolios/ecoterra-biodesign/



<https://www.linkedin.com/company/ecoterra-biodesign/>



Ecoterra Biodesign manufactures 100% biodegradable, cheap packaging material, made out of mushroom mycelium and agriculture waste. It is an alternative for styrofoam in packaging industry. The material shows high strength, water resistance and fire resistance property over styrofoam. The packaging material by Ecoterra Biodesign provides a cushion to fragile items, medical devices and electronic items that need extra safety during shipment. The packaging material can also be used for shipping fire sensitive products and chemicals.



Founder



Dinta Vaghasiya
Founder
Ecoterra Biodesign

VIA Energicals Pvt. Ltd.



Mumbai, Maharashtra



<https://www.cliqueltd.com/via-energicals.php>



<https://www.linkedin.com/company/via-energicals/>



Founded in 2018, VIA Energicals is a new age start up with project curations in the fields of commercial bioenergy technology, bio-based chemicals and waste management solutions pan India. A perfect coexistence of Energy & Chemicals equating to Energicals, it is a unique concept to offer the perfect balance of multi scale technology and science that offer disruptive ideas to suit modern day living.

VIA Energicals converts biodegradable waste into high-value bio-based industrial chemicals. Their all-natural bio-process converts food waste streams into bio-based specialty and commodity chemicals having a wide range of applications, especially in the food and beverages and animal feed additives industries.



Founder



Vipasha Majithia
Founder
VIA Energicals

Avani



Rajahmundry, Andhra Pradesh



<http://ouravani.com>



<https://www.linkedin.com/company/ouravani/>



'Transforming the end life of Flowers'



Avani is a Social Enterprise that addresses the concept of sustainable organic waste management. The start-up aims to achieve net zero organic waste through circular economy model.

Large amount of floral waste is being dumped into the river Godavari every day. Avani converts floral waste into value-added products using an Integrated Resource Recovery Centre (IRRC) approach, in a technology-led waste management ecosystem. Their primary objective is to deal with the pressing social problem of floral waste disposal by creating social value, social change and a friendly environment while providing employment for SHG women.



Founder



Mounica Kavya
Founder
Avani

Black Eye Technologies



Ludhiana, Punjab



<http://www.blackeyetech.in/>



<https://www.linkedin.com/company/black-eye-technologies/>



Founded in 2018, Black Eye believes in healing the nature with the help of technology. They are researching and developing smart artificially intelligent IOT devices for agriculture, environment safety to reduce global warming, veterinary, health care. They also manufacture smart sensors and mobile/web-based user interfaces. Black Eye makes sensors deploy their data on cloud and then interface the data with user interface. After getting the data they train the device with their cloud console so that these devices can become AI enabled.

Black Eye Technologies is currently working on an Irrigation Alert 2.0 in order to improve irrigation efficiency and reduce water usage. Irrigation Alert 2.0 sends notifications to farmers' mobile regarding the water requirements with the details including pH, water level, moisture percentage, temperature and humidity.



The mobile application interface for Irrigation Alert 2.0 displays the following information:

Device Location	Betiah, Bihar
Crop Sown	Bajra
pH	5.6
EC	0.70
Carbon	0.95%
Nitrogen	90.3
Phosphorus (P)	44.2
Potassium (K)	395.7
Moisture	60%
Water Level	6.5 cm
Device State	(Green circle)

Buttons at the bottom include: LOCATE DEVICE, RESTART, and CHANGE CROP.

Founders



Amandeep Srivastava
Founder
Black Eye



Harminder Singh
Founder
Black Eye

Photom Technologies Pvt. Ltd.



Gandhinagar, Gujarat



<http://photomtechnologies.com>



<https://www.linkedin.com/company/photom-technologies/about/>



Founded in 2017, Photom Technologies is a start-up providing autonomous solutions for Operation & Maintenance (O&M) of renewable energy plants to increase their efficiency. Their goal is to develop innovative products and solutions for the renewable energy plants and to be a key stakeholder in establishing renewable energy sector in India.



Photom's existing product 'Robotic waterless cleaning system for solar PV panels' eliminates the soiling losses, water wastage and generate additional units of clean electricity by the dry and daily cleaning of solar panels. The product has patented dry cleaning mechanisms which are effective in all kinds of geographies and climatic conditions and it can be controlled and monitored remotely by a web dashboard with the help of smart electronics sensors.



Founders



Himmat Singh
Founder
Photom Technologies



Narendra Singh Rajpurohit
Founder
Photom Technologies

Eco Clothing India



Faridabad, Haryana



<https://ecoclothingindia.com/>



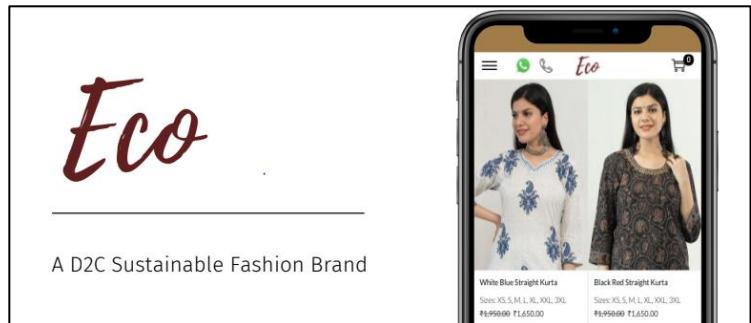
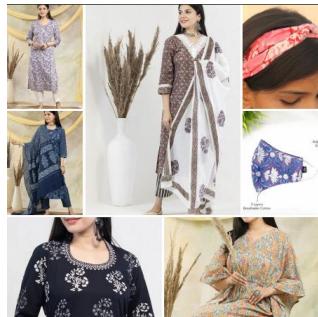
<https://www.linkedin.com/company/ecoclothingindia>



Founded in 2020, Eco Clothing India was started in order to bring about a change in the Indian Fashion Industry by promoting organic clothing and making it affordable for everyone. They handcraft garments using internationally certified organic fabrics and toxic-chemical-free colors while reviving the traditional arts of India.



They are a sustainable fashion brand that aims to create an ecosystem of eco-friendly, sustainable, and natural clothing while promoting the rich traditional Indian handicrafts. With a vision to provide customers with hand crafted products which help support and encourage good craftsmanship.



Founders



Vridhi Govind
Founder
Eco Clothing India



Apoorv Mangla
Founder
Eco Clothing India

Citygen Technology Pvt. Ltd.



Jhansi, Uttar Pradesh



<https://www.citygen.in/home>



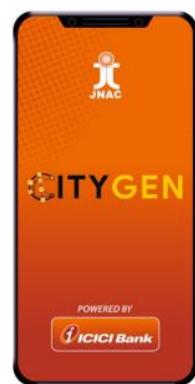
<https://www.linkedin.com/company/citygen/>



CityGen is an urban planning tool for the municipalities to manage its municipal solid waste and a citizen engagement platform for the citizens with real time tracking and monitoring of the municipal solid waste management supply chain.



CityGen is building an operating system for the waste management ecosystem, an intelligent data platform coupled with IoT devices for all the stakeholders across the waste value chain. The operating system is a full-stack product that can track payments, on-ground fleets for municipalities, source segregation through their flagship IoT device, incentivizes households through carbon coins and where consumers can schedule their kabadiwallah, get ETA of their daily municipal waste collector and complaint and request for the services of the municipality



Founder



Saurabh Kumar
Founder
CityGen

Bego Cars Pvt. Ltd.



Ernakulam, Kerala



<https://bego.co.in/>



<https://www.linkedin.com/company/bego-hiconics/hiconics/>



Bego Cars plans to venture into the mobility space, with an aim to be a true partner of fleet owners, truck drivers, private vehicle owners. Due to the lack of enough charging stations and electric vehicle myths, many people are still reluctant to buy electric vehicles. They aim to provide the largest network of EV fast charging stations in Kerala. Bego Cars also aim to create a new user experience by providing EV rentals at all charging points. The fast chargers and EV rental service will help the charging station to generate revenue.



Founders



Uma Parvathi M M
Founder
Bego Cars Pvt Ltd



Badarudheen E M
Founder
Bego Cars Pvt Ltd

Angirus IND Pvt. Ltd.



Udaipur, Rajasthan



<https://angirusind.com/>



<https://www.linkedin.com/company/wricks/>



Established in 2018, Angirus is trying to bridge the gap between stagnated brick industry and innovation to reinvigorate the Indian real estate sector. Their vision is to provide a sustainable and cleaner alternative technology to the brick industry. Angirus provides eco-friendly and sustainable technology to make bricks and paver blocks that are damp-proof and lightweight. Angirus product is 100% made from recycled plastic waste and industrial waste using Angirus patented technology.

The significant advantage of WRICKS is that they are recyclable, so even after the demolition of Wricks, they can again recycle into new bricks with the same process. Their solution is to provide sustainable and clean technology to the brick industry while also helping the country and government to solve the problem associated with waste management and air pollution.



WRICKS
Standard quality Bricks made from recycled Construction waste



WABER
Superior quality and waterproof Paver Blocks Made from 100% Recycled waste material



PAVER BLOCKS
Standard quality Paver Blocks made from recycled Construction waste



BRICK
Standard quality Bricks made from recycled Construction waste



RECYCLED AGGREGATES
40mm, 20mm and 10mm Recycled Aggregates for Non-Concrete and PCC works



PRECAST PANELS (Coming soon)
Lightweight, fast and easy to install precast panels made entirely from recycled waste material.



Founders



Kunjpreet Arora
Founder
Angirus IND



Lokesh Puri Goswami
Founder
Angirus IND

Zewa Feeds



Cochin, Kerala



www.zewaecosystems.com



<https://www.linkedin.com/company/zewa/>



Zewa stands for Zero Waste. Their mission is to reduce global food wastage and provide affordable livestock feed for farmers. Zewa builds an ecosystem by selling biowaste conversion units to households, restaurants and government bodies including panchayaths and municipalities to convert bio waste to affordable, high quality livestock feeds.

Zewa connects two social problems to innovate and establish a product line between them to make a significant impact in society, redefining the way food waste is seen today. Their unique solution not only reduces pollution and greenhouse gas emissions but at the same time provide alternatives for high quality livestock feeds.



Founders



Nikhildev Mulakkal
Founder & CEO
Zewa Feeds



Anusakh M P
Co-Founder & CMO
Zewa Feeds

Bare Necessities



Bengaluru, Karnataka



www.barenecessities.in/



<https://www.linkedin.com/company/barenecessities/>



Using a people-centered and earth-centered approach, Bare Necessities addresses serious flaws in manufacturing, distribution and consumption by innovating and providing sustainable solutions to waste and identifying problems that we all must address if we want to be innovative and socially conscious. It relies on ethical sourcing from local farmers and vendors and by emphasizing the employment of women and strives to solve the often-ignored yet growing problem of waste, while providing ethical and innovative solutions that benefit consumers and society.

By producing zero-waste personal care and lifestyle products, hosting educational workshops, curating online educational courses and conducting sustainability consulting services, Bare Necessities seeks to change the narrative on waste in India and demonstrate that any individual can positively impact their community, through inspiring others to reduce waste and think consciously about their impact on the world.



Founder



Sahar Mansoor
Founder
Bare Necessities

Waste Wing



Nagar, Punjab



<http://www.wastewing.org/>



<https://www.linkedin.com/company/waste-wing/about/>



With a growing market-based economy and people going after a consumerist culture, India is facing a challenge of unmanageable waste generation throughout the country. Waste Wing Waste Management Solutions identified that with technical, social and on ground segregation and waste management implementation strategy, the way waste is handled in the rural India can change.

Waste Wing Waste Management Solutions aims to redefine waste management in rural India by creating proper channels of segregation, collection and scientific processing. Their technology aims at reducing the cost of high content biomethane production through biocatalytic conversion of carbon dioxide.



POWER OF PEOPLE
Building community of Swacch Nivas Prayasi and Anivasi Gramin Bandhu



Vacuum Pressure Swing Adsorption Technology



Water Scrubbing Technology

Founders



Mohit Kumar
Founder & CEO
Waste Wing



Ranveet Yadav
Co-Founder
Waste Wing

HVA Chemical Solution



Ramanadhapuram, Tamil Nadu



www.hvaenergysolution.com



<https://www.linkedin.com/company/hva-chemical-solutions/>



HVA Chemical Solution is an organization that makes solid-fuel from single-use waste plastics through a novel process. The mission is to reduce the impact of plastic waste by converting it into usable energy. With over 40% more Gross Calorific Value (GCV) than wood and higher burning time, HVA's product, GX Solid fuel can generate energy as much as fuelwood in less than 50% of the time, thereby, reducing process time and cost. The application of the product is aimed at delivering high combustion for industries that use boilers and furnaces to generate energy.



Since 2019, HVA's mission is to provide clean energy by converting waste plastics to fuel. GX Fuel is made from plastic waste, emits 80% less carbon dioxide and has 1.5 times the burning capacity of coal. HVA envisions a world where non-recyclable plastic waste is seen as a source of fuel.



Founder



HV Anbarasan
Founder
HVA Chemical Solution

Ereky Labs Pvt. Ltd.



Krishnapperi, Tamil Nadu



<http://erekylabs.com/>



<https://www.linkedin.com/in/ereky-labs-private-limited-b36b86221/>



Ereky Labs Private Limited is an integrated research, development and manufacturing organization providing scientific services from early discovery to commercial supply. They offer services for various industrial sectors, including pharmaceutical, agriculture, biotechnology, nutrition, animal health, consumer goods, and specialty chemical companies.

From 2021 Ereky Labs ventured into development of diagnostic Kit and devices and they are currently working on an innovative solution to convert recycled plastic to emulsion paint. The usual emulsion paints and epoxy paint binders cost ₹500/Kg while using the recycled binders for production, the cost of the paint will come up to ₹120/Kg including the processing cost which is 3 times cheaper than existing paints.



Founder



Bharathakumar S
Director & CEO
Ereky Labs Private Limited

Qudrat



Trivandrum, Kerala



<https://qudrat.co.in/>

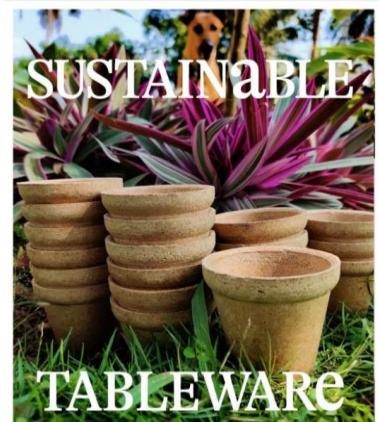


<https://www.linkedin.com/company/qudratin>



Qudrat manufactures 100% biodegradable disposable tableware made out of agricultural residue and waste. They have products engineered as substitutes for single use plastic and paper keeping strength, microwave ability and water holding capacities in mind and adding animal edibility, zero waste manufacturing and carbon neutrality to the products.

Qudrat products reduce carbon emissions by more than 80% when compared to single-use plastics. Their products can be used at weddings/events, hospitals, restaurants, by food aggregators, religious institutions and hospitality chains.



Qudrat designs biodegradable tableware that is made from the soil, for the soil.



Founder



Rishabh Suri
Founder
Qudrat

Kumaon Khand



Almora, Uttarakhand



<http://www.kumaonkhand.com>



<https://www.linkedin.com/company/kumaonkhand/>



Kumaon Khand brings nature produced and community processed consumer goods to the market. They have experimented with hemp so far and have introduced a line of hemp-based products viz., hemp seed oil, hemp seeds, hemp paper, and bags among others. They are also working to collaborate for right technology adaptation in the mountains. They focus on superfoods, natural fibers and traditional craft creating an end-to-end value chain with vision to secure livelihood of local community as their products are sourced from the pristine Himalayas, processed and packaged by the local community.

Kumaon Khand has also developed a hemp homestay at Bhasoli village (Binsar), Almora with its farm partner SHG.



Roasted Himalayan Hemp Seeds

₹440.00



Bhaang ka Namak (Hemp Seed Salt)

₹200.00 ₹180.00



Himalayan Hemp Seed Oil

₹390.00



Founder



Pavitra Joshi
Founder & CMO
Kumaon Khand

RCube Recycling Pvt. Ltd.



Mumbai, Maharashtra



<https://rcuberecycling.com/>



<https://www.linkedin.com/company/rcube-recycling/>



Electronic waste pollution is increasing at a 30% compound annual growth rate (CAGR), with printer cartridge waste accounting for 12% of the total e-waste. To combat the growing cartridge problem, RCube Recycling works on printer cartridge refurbishing, recovery, and recycling, with a vision to reduce the burden of e-waste. It provides a self-sustainable solution to one of the prominent socio-environmental problems of e-waste disposal.



Since 2018, RCube Recycling is providing an organized and formal way of disposing the printer cartridge waste. It is a DPIIT-accredited startup helping to build India as a recycling hub for used printer cartridges. RCube Recycling sources waste printer cartridges from recyclers and converts them into refurbished products that it offer to importers of cartridge components, preventing printer cartridge waste from ending up in landfills and reducing imports of cartridge components at the same time.



Founders



Ravi Ravariya
Founder & MD
RCube Recycling



Mahesh Ravariya
Co-Founder & MD
RCube Recycling

Saltech Design Labs Pvt. Ltd.



Gandhinagar, Gujarat



<https://saltech.co.in/>



<https://www.linkedin.com/company/recyclersaltech/>



Saltech Design Labs Pvt. Ltd. develops and deploys innovative technologies for sustainable development in the waste management, construction and infrastructure, affordable housing and renewable sectors.



They create circularity by deploying advanced closed-loop recycling technology to extract maximum value out of waste and improve the value chain. Saltech Design Labs' patented process transforms single-use plastics, construction & demolition waste, and industrial minerals/ aggregate/fly ash wastes into high-value alternative composite building materials. It is priced competitive to traditional concrete while far better in performance properties and most suitable for precast products application such as paver, brick, block, roof shingle and tile.



1 Recycler™ Paver Block



2 Recycler™ Parking Tile



3 Recycler™ Floor Tile



Products in Pipeline



Founders



Aditya Shukla
Founder
Saltech Design Labs



Sudhir Shukla
Founder
Saltech Design Labs

Glimpses of National Innovation Dialogue 2022



National Innovation Dialogue

For young aspiring entrepreneurs and sustainability enthusiasts!

1 Month

2800+ Participants

33 Industry Experts

12 Events



WHAT NEXT?

United Nations Development Programme (“UNDP”), India and Atal Innovation Mission (“AIM”), NITI Aayog are looking for partners, ecosystem players experts and other stakeholders to co-create a first of its kind, multi stakeholder alliance for climate entrepreneurship in India.

The **Climate Entrepreneurship Hub (“CEH”)** aims to create an enabling environment for climate entrepreneurship and promote green innovation. Entrepreneurs are vital in addressing climate change and promoting sustainable and resilient development. They hold huge potential for enabling mitigation and adaptation on local and regional levels. Such climate entrepreneurs face distinct challenges and barriers in scaling up their venture. The stakeholders working in the space of climate action and entrepreneurship through the Climate Entrepreneurship Hub can support the climate startups through different stages of their journey with mentorship, capacity training, networking, incubation, visibility, grants, and investment, among other kinds of support.

Objective of CEH

With the aim of creating an enabling environment for climate entrepreneurship and promote green innovation, UNDP India along with AIM have launched Call2Collab initiative through which stakeholders working in the climate entrepreneurship space can co-create the alliance with them. The alliance will work towards achieving the following (but not limited) outcomes in its first year:



Supporting
youth and
women-led
climate
enterprises



Joint advocacy
for creating
an enabling
environment
for climate
entrepreneurs



Support
capable and
effective
partnerships
for joint
programming



Implementing Partners



Youth Co:Lab India: <https://aim.gov.in/youthcolab2021-about.php>
Youth Co:Lab : <https://www.youthcolab.org>