



# MY INDIFUELS PRIVATE LTD COMPANY PROFILE



# INVITATION

Dear It is our privilege to formally offer you the opportunity to invest in our company and join in our humble & fast growing venture. We are pioneers in Biofuels, Renewable Fuels, and Synthetic fuels production all over India as we provide the best and most advanced quality fuels to our customers.

We constantly create renewable fuel solutions and green energy innovations to create a happier, cleaner, brighter India. Our company is dedicated to the mission of sustainable development to deliver a powerful green fuel experience across the country. Moreover, we offer an ultra-premium, low emission fuel compatible with all fuel engines.

We are courageous to think outside the box and find solutions customized for these demands. After several ideological evaluations and planning, we have overcome many obstacles while developing incredible expertise for these services. Our experience provides us with a deep understanding of our environment and needs. This proposal contains details regarding the market situation, our company & what we have to offer.

We hope you take the time to peruse every page and carefully consider our proposal. As the market is experiencing a huge supply demand gap, the need for a quick approach is encouraged. We are confident that our proposed idea resonates with your goal. We look forward to collaborate & be part of your success!



**Rishabh Gupta**  
Founder & CEO



## VISION

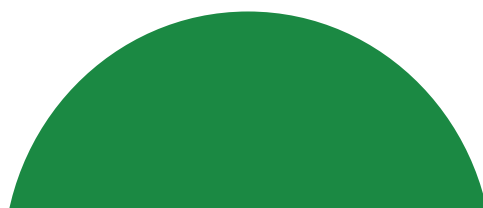
To be a credible & foremost company in renewable fuels, contributing positively to the society & environment.

## MISSION

To use advanced technology & new innovative methods to produce renewable fuels for the consumers; which is environmentally safe & sustainable. With an aim to create a beneficial socio- economic environment for the economically challenged population

## GUIDING PRINCIPLES AND COMPANY VALUES

Innovation, Eco-friendliness & Integrity are our core values to foster 100% commitment to provide good quality service to our valuable customer to meet their needs. These values guide My Indifuels Pvt. Ltd not only collectively as a company but also all stakeholders associated with us.



# Meet OUR TEAM



## **Mr. Rishabh Gupta (CEO-CMO)**

He is the founder and MD of our company. He has 10+ years of experience in the biofuels and renewable fuels industry, working as a researcher, consultant, and entrepreneur. He has filed various patents on Plastic Pyrolysis technology and biodiesel technology. With a passion for sustainable energy solutions, Rishabh has been instrumental in driving innovation and growth in the biofuels sector, positioning My Indifuels as a leader in the industry.



## **Mr. Mahesh Pagnish (Senior Scientist)**

He is the Senior Scientist of Myindifuels. He is also registered with Royal Society of Scientist at United Kingdom. He has 30 years of experience in Fuels industry. He has done various Researches in Fuels and Industries. At My Indifuels Pvt Ltd, Mahesh Pagnish serves as our esteemed Senior Scientist, bringing with him a wealth of knowledge and expertise in the field of biofuels and drop-in fuels.



## **Mr. Navnit Pandey (Chief Financial Officer-CFO)**

Navnit Pandey serves as the Chief Financial Officer at My Indifuels Pvt Ltd, bringing a wealth of financial expertise and strategic insight to the company. With a robust background in corporate finance and as a Chartered Accountant, At My Indifuels, He is responsible for overseeing the financial operations, ensuring fiscal responsibility, and aligning financial strategies with the company's mission

# Meet OUR TEAM



## **Mr. Shishu kamal Trivedi (Director Of Operations)**

Shishu Kamal Trivedi serves as the Director of Operations at My Indifuels Pvt Ltd, a pioneering company in the biofuels and drop-in fuels industry. With a keen eye for detail and a relentless commitment to excellence, Shishu Kamal Trivedi oversees the seamless integration of cutting-edge technologies and sustainable practices within the company's operations.



## **Mr. Shubhanshu singh (Finance and legal manager)**

Shubhansu Singh is the Finance and Legal Manager at My Indifuels Pvt Ltd. With a robust background in financial management and legal compliance, Shubhanshu plays a pivotal role in ensuring the financial health and legal integrity of our company.



## **Mr. Vivek Kumar Gupta (Chief Engineer)**

Vivek Kumar Gupta serves as the Chief Engineer at My Indifuels Pvt Ltd, where he spearheads the construction and development of petrol pumps and refineries. With a robust background in engineering and a deep commitment to innovation, Vivek ensures that all projects are executed with precision, efficiency, and adherence to the highest industry standards.

# Meet OUR TEAM



## **Mr. Akash Dwivedi (Marketing Manager)**

Akash Dwivedi is the Marketing and Sales Manager at My Indifuels Pvt Ltd, a leading company in the biofuels and drop-in fuels sector. With a keen eye for market trends and a strategic approach to sales, Akash plays a pivotal role in expanding the company's reach and impact.



## **Mr. Rohit Singh Ragav (Marketing Officer)**

We are delighted to introduce Rohit Singh Raghav, our Marketing Officer at My Indi Fuels Pvt Ltd (MIPL) in Lucknow. Rohit is instrumental in developing and executing strategic marketing initiatives to promote our renewable fuel products and services. With extensive experience from his previous roles at Gilbarco Veeder Root as ASM.



## **Miss Pallavi Singh (HR Manager)**

Pallavi is an accomplished Human Resources professional with over six years of experience in managing and leading HR functions. She has a proven track record in recruitment, employee relations, performance management and organizational development. Pallavi is dedicated to fostering a positive workplace culture and driving strategic HR initiatives that align with organizational goals.



# THE BACKGROUND & PROBLEM

India's crude oil import bill nearly doubled to \$119 billion in the fiscal year that ended on March 31, as energy prices soared globally following the return of demand and war in Ukraine.

India, the world's third-biggest oil consuming and importing nation, spent \$119.2 billion in 2021-22 (April 2021 to March 2022), up from \$62.2 billion in the previous fiscal year, according to data from the oil ministry's Petroleum Planning & Analysis Cell (PPAC). It spent \$13.7 billion in March alone when oil prices surged to a 14-year high, compared with \$8.4 billion in spending in the same month last year. Oil prices started to surge in January, and rates crossed 8 | 9 \$100 per barrel in the following month before touching \$140 per barrel in early March. Prices have since receded and are now around \$106 per barrel. According to PPAC, India imported 212.2 million tonnes of crude oil in 2021-22, up from 196.5 million tonnes in the previous year. This was, however, lower than pre- imports of 227 million tonnes in 2019-20. The spending on oil imports in 2019-20 was \$101.4 billion. The imported crude oil is turned into value-added products like petrol and diesel at oil refineries before being sold to automobiles and other users. India, which is 85.5 percent dependent on imports to meet crude oil needs, has a surplus refining capacity.



India exports some petroleum products but is short on the production of cooking gas LPG, which is imported from nations like Saudi Arabia. The nation consumed 202.7 million tonnes of petroleum products in 2021-22, up from 194.3 million tonnes in the previous fiscal but lower than the pre-pandemic 214.1 million tonnes demand in 2019-20. Import of petroleum products in 2021-22 fiscal was 40.2 million tonnes worth \$24.2 billion. On the other hand, 61.8 million tonnes of petroleum products were also exported for \$42.3 billion. Besides, India also spent \$11.9 billion on importing 32 billion cubic meters of LNG in 2021-22. This compared to \$7.9 billion spent on importing 33 bcm of gas in the previous fiscal year and \$9.5 billion on the import of 33.9 bcm in 2019-20. After adjusting for exports, the net oil and gas import bill came to \$113 billion, up from \$63.5 billion in 2020-21 and \$92.7 billion in 2019-20. India had spent \$62.2 billion importing 196.5 million tonnes of crude oil in the previous 2020-21 fiscal when global oil prices remained subdued in the wake of the COVID-19 pandemic. A higher crude oil import bill is expected to dent the macroeconomic parameters. The country's import dependence has increased due to a steady domestic output decline. The nation produced 32.2 million tonnes of crude oil in 2019-20, which fell to 30.5 million tonnes in the following year and 29.7 million tonnes in FY22, the PPAC data showed. According to PPAC, India's oil import dependence was 85 percent in 2019-20, which declined marginally to 84.4 per cent in the following year before climbing to 85.5 percent in 2021-22. All the above aspects have posed a huge demand / supply deficit & import dependency, which is where bio fuels & renewable fuels can be the answer to this problem.



# MY INDIFUELS

## RETAIL OUTLET TYPE



**KRISHI PUMP**

6500000\*



**MINI PUMP**

11000000\*



**MEGA PUMP**

22000000\*



**CBG PUMP**

17000000

# OUR SOLUTIONS FOR PRODUCTION ON COMPANY-DEALER(50-50%) PARTNERSHIP MODEL

At this My Indifuels are offering you to invest with our company on joint venture of 50-50% Partnerships Model in any Tehsils, District of India in project of Production Plant Franchise Model :- (Plastic Pyrolysis, Biodiesel from Oil and fat waste, BioCNG from agri, Cattle waste etc and Green Hydrogen from BioMethane/ BioCNG)

## FINANCE

Company will facilitate Finance of upto 70% of the total cost of the Plant through banks. Working capital required for raw material and Stocking of finished product will be invested by company itself.

## RAW MATERIAL

To make sure there is a steady & proper supply of raw material, and to ensure that partner doesn't face any difficulties owing to this; company is willing to do a 'Raw Material Supply' Agreement with partner, if required. To avail raw material for distillation, company is currently working on a new project on Plastic and Waste Collection for raw material arrangement. This will ensure proper availability of raw material from across the country. Company will do an agreement for regular supply of raw material for a period of 15 years.

# TECHNOLOGY

Company has developed an advanced and patented technology for the production of its MyIndiFuels. This technology is equivalent to the technology used by many nations such as Denmark, USA, Europe etc. Company takes full responsibility of technology and will do a technology agreement with partner.

# MARKETING OF FINISHED PRODUCT

Company undertakes responsibility to purchase the finished product from the partner and supply it to its retail pumps, for which company will do a buy back agreement for purchase all finished products, produced in the plant.



# WASTE PLASTIC TO DIESEL/PETROL PLANT



Investments Starts from - 5.5 Cr

State of the art Plastic Pyrolysis Plants with Distillation Plants produce BVI standard diesel & petrol with fabulous ROI. Our Plastic Pyrolysis' plant converts waste plastic into useful fuel (diesel & petrol), which is of BS6 grade quality. As this diesel & petrol doesn't contain corrosive / harmful chemicals they are better than fossil fuels. Since it cheaper is produced domestically this job & offers multiple opportunities to local manpower. The ROI on this plant is ~ 18 months & with surging fuel prices we expect the ROI tenure to come within 18-24 months.



Investments Starts from - 5.5 Cr

Distillation Plants will be operated with Pyrolysis Plants for refining the pyrolysis oil to derive synthetic diesel & petrol. When combined with Pyrolysis plant it provides the best ROI (18-24 months )

# BIO DIESEL PLANT



Investments Starts from - 2.25 Cr

At the Bio Diesel plant we process palm oil, palm fatty, acid oil, soya fatty, rice bran fatty, animal tallow, used cooking oil as a raw material to obtain diesel. The raw material feed is processed with methanol in presence of sodium hydroxide to derive diesel. With our advanced technology system, we ensure an ROI within 24 months of operations.

# BIO CNG PLANT



Investments Starts from - 11 Cr

At the Bio CNG plant we process Municipal Solid Waste (Organic Waste), Agri waste, PressMud (Waste of Sugar Industry), Cow Dung, Bakery Waste as a raw material to obtain Biogas and slurry which further processed in to Bio CNG and Bio Fertilizer. With our advanced technology system, we ensure an ROI within 24-36 months of operations.

# GREEN HYDROGEN PLANT - RUDRA



Investments Starts from - 2.5 Cr

Our Hydrogen production plant is a unique offering for business which are into H<sub>2</sub> production or consumption as this plant offers over 30 % saving in cost & comes with a dual product output ( Hydrogen + Carbon black)

The ROI on this plant is ~18 months & is capable to operate 24/7 for the entire year as it is equipped with an IoT system & centrally monitored.

# MY INDIWHEELS MOBILE BOWSER



Investments Starts from - 2.4 Cr

Indifuels brings convenience and efficiency to your doorstep with our innovative diesel delivery service. Designed to cater to businesses and individuals alike, our doorstep diesel delivery ensures you never have to worry about fuel shortages or the hassle of refueling at traditional stations. Whether you operate a fleet of vehicles, manage a construction site, or need diesel for your generators, Indifuels provides a seamless and reliable solution to meet your fuel needs.

# RESEARCH & DEVELOPMENT

The company's vision is to become a leading producer of biofuels from waste plastics, and to contribute to the global efforts of reducing greenhouse gas emissions and enhancing energy security. The company's mission is to develop and commercialize innovative technologies that can convert plastic waste into high-quality and low-cost biofuels, and to create value for its customers, partners, and stakeholders. The company's core values are innovation, excellence, sustainability, and customer satisfaction. The company's R&D facility is located at Gangai, 100 ft. Old Kupwad Road, Maharashtra 416416, where its scientist Mahesh Pagnis leads the research and innovation activities.

## OUR TECHNOLOGIES

The company has developed a patented technology of Plastic Pyrolysis, which is a process of converting plastic waste into liquid oil by heating it in the absence of oxygen. The process involves the following steps:

- Collection and sorting of plastic waste from various sources, such as municipal solid waste, industrial waste, agricultural waste, etc.
- Shredding and drying of plastic waste to reduce its size and moisture content.
- Feeding of plastic waste into a pyrolysis reactor, where it is heated to high temperatures (280–400°C) in an inert atmosphere, and undergoes thermal decomposition into smaller molecules of oil, gas, and char.
- Separation and condensation of oil and gas from the pyrolysis products, and purification of oil by removing impurities, such as water, acids, and solids.
- Conversion of oil into biofuels, such as biodiesel, ethanol, kerosene, etc. by using suitable catalysts and processes, such as transesterification, fermentation, distillation, etc.
- Utilization of gas and char as by-products for generating heat and electricity, or as raw materials for other applications, such as fertilizers, carbon black, etc.

The company claims that its Plastic Pyrolysis technology has given it a competitive advantage in the fuels market, as it can produce high-quality and low-cost biofuels from abundant and cheap plastic waste. The company also claims that technology has several environmental and social benefits, such as:

- Reducing the amount of plastic waste that ends up in landfills, oceans, or incinerators, and thus preventing pollution and health hazards.
- Reducing the dependence on fossil fuels and their imports, and thus enhancing energy security and diversity.
- Reducing the greenhouse gas emissions and carbon footprint of the transport sector, and thus mitigating climate change and its impacts.
- We are creating new jobs and income opportunities for the waste collectors, suppliers, and distributors of plastic waste and biofuels.

## OUR PATENTS AND ACHIEVEMENTS

## WASTE PLASTIC TO DIESEL/PETROL (PYROLYSIS PLANT)

The company has registered its patent on 08/09/2023 with the patent ID being 202311060502. The patent covers the following aspects of the company's technology:

- The design and operation of the pyrolysis reactor, which is a horizontal cylindrical vessel with a screw conveyor system, a heating system, a gas collection system and a char removal system.
- The composition and properties of the oil and gas produced from the pyrolysis of different types of plastic waste, such as polyethylene, polypropylene, polystyrene, etc.



The methods and parameters of converting the oil into biofuels, such as biodiesel, ethanol, kerosene, etc. by using different catalysts and processes, such as transesterification, fermentation, distillation, etc. The applications and performance of the biofuels in various engines and vehicles, such as diesel engines, gasoline engines, jet engines, etc.

# BIO CNG/SUGAR WASTE TO GREEN HYDROGEN

6 लखनऊ, गुरुवार, 7 दिसम्बर 2023

प्रयागराज/कन्नौज/उन्नाव

## शर्करा उद्योग के द्वारा ग्रीन हाइड्रोजन का उत्पादन

लखनऊ

लखनऊ। एक नया और स्वच्छ ऊर्जा के स्रोत ग्रीन हाइड्रोजन का उत्पादन-संचालन एवं वितरण के लिए एक-दूसरे के प्रतिस्पर्धी के रूप में उभर रहे हैं। शर्करा उद्योग के द्वारा ग्रीन हाइड्रोजन का उत्पादन-संचालन एवं वितरण के लिए एक-दूसरे के प्रतिस्पर्धी के रूप में उभर रहे हैं। शर्करा उद्योग के द्वारा ग्रीन हाइड्रोजन का उत्पादन-संचालन एवं वितरण के लिए एक-दूसरे के प्रतिस्पर्धी के रूप में उभर रहे हैं।



2020 तक 500 मिलियन मेट्रिक टन तक बढ़ेगी की संभावना है। ग्रीन हाइड्रोजन उत्पादन के अलावा 2020 तक 2 मिलियन मेट्रिक टन तक बढ़ेगी की संभावना है। उन्नाव का ग्रीन हाइड्रोजन के उत्पादन में सबसे बड़ा योगदान है। उन्नाव का ग्रीन हाइड्रोजन के उत्पादन में सबसे बड़ा योगदान है। उन्नाव का ग्रीन हाइड्रोजन के उत्पादन में सबसे बड़ा योगदान है।

## 'अब हरित हाइड्रोजन पर ध्यान देने की आवश्यकता'

लखनऊ। शर्करा उद्योग के द्वारा ग्रीन हाइड्रोजन का उत्पादन-संचालन एवं वितरण के लिए एक-दूसरे के प्रतिस्पर्धी के रूप में उभर रहे हैं। शर्करा उद्योग के द्वारा ग्रीन हाइड्रोजन का उत्पादन-संचालन एवं वितरण के लिए एक-दूसरे के प्रतिस्पर्धी के रूप में उभर रहे हैं।



2020 तक 500 मिलियन मेट्रिक टन तक बढ़ेगी की संभावना है। ग्रीन हाइड्रोजन उत्पादन के अलावा 2020 तक 2 मिलियन मेट्रिक टन तक बढ़ेगी की संभावना है। उन्नाव का ग्रीन हाइड्रोजन के उत्पादन में सबसे बड़ा योगदान है। उन्नाव का ग्रीन हाइड्रोजन के उत्पादन में सबसे बड़ा योगदान है। उन्नाव का ग्रीन हाइड्रोजन के उत्पादन में सबसे बड़ा योगदान है।

## एन एस आई संस्थान में ग्रीन हाइड्रोजन प्लांट का हुआ प्रदर्शन



अर्थव्यवस्था में भारतीय चीनी उद्योग के द्वारा किए जा सकने वाले योगदान पर चर्चा करी। उन्होंने कहा कि इस उद्योग को अब जैव-ऊर्जा, जैव-एथेनॉल और कम्प्रेस्ड बायोगैस से आगे हरित हाइड्रोजन की ओर ध्यान केंद्रित करना चाहिए जिसे 2070 तक शून्य कार्बन उत्सर्जन लक्ष्य की प्राप्ति में सहायक भविष्य के ईंधन के रूप में माना जा रहा है। अपने सारगर्भित संबंधन में राष्ट्रीय शर्करा संस्थान के निदेशक प्रोफेसर नरेंद्र मोहन ने बताया कि वर्तमान में वैश्विक ग्रीन हाइड्रोजन की खपत 100 मिलियन मेट्रिक टन प्रतिवर्ष है। जिसके वर्ष 2050 तक 500 मिलियन मेट्रिक टन तक बढ़ने की

कानपुर राष्ट्रीय शर्करा संस्थान, मे आज शर्करा उद्योग के द्वारा ग्रीन हाइड्रोजन का उत्पादन-संभावनाएं एवं इनीतिवाक्य विषय पर एक कार्यशाला का आयोजन किया गया। कार्यशाला में गार्करा और संबंधित उद्योग तथा संस्थानों के प्रतिनिधियों ने खड़-चड़कर

श्री संजय खटाल तथा नवीन एवं नवीकरणीय ऊर्जा मंत्रालय के वैज्ञानिक डॉ गौरव मिश्रा भी उपस्थित रहे। कार्यक्रम के दौरान संस्थान स्थित प्रायोगिक चीनी मिल में कम्प्रेस्ड बायोगैस से ग्रीन हाइड्रोजन तैयार करने के पाइलट प्लाण्ट का भी प्रदर्शन किया गया।

The company has also filed another patent on 15/05/2022 with the patent ID being 202311060503. The patent covers the following aspects of the company's technology: The process of converting biomass, such as wood, straw, grass, etc. into green hydrogen, which is a clean and renewable fuel, by using a two-step process of pyrolysis and steam reforming. The design and operation of the biomass pyrolysis and steam reforming reactor, which is a vertical cylindrical vessel with a gasification chamber, a reforming chamber, a heating system, and a gas separation system. The composition and properties of the hydrogen and syngas produced from the biomass pyrolysis and steam reforming process, and the factors affecting their yield and quality, such as temperature, pressure, steam-to-biomass ratio, catalyst type, etc. The applications and benefits of the green hydrogen and syngas in various sectors, such as power generation, transportation, industry, etc.



# ROADMAP FOR A SUSTAINABLE FUTURE

MyIndifuels is pioneering a sustainable energy ecosystem which will help in the progress of our nation by providing an indigenous fuel production solution. In this context we are working towards setting numerous **Pyrolysis Plants & Distillation units** for waste plastic & tyre. With the successful test launch of our **Hydrogen** production plant, we are now venturing into the Blue Hydrogen market, which is growing at a CAGR of ~ 15%. India is a large consumer of **Hydrogen & Carbon Black** & our Hydrogen plant provides these two products. Our hydrogen solution will be able to connect the agri economy with the energy economy & usher in a new era of growth for farming communities. We are in advanced discussion with government bodies like UPNEDA and National Sugar Institute Kanpur to pilot our Hydrogen plants for the Parali waste processing CBG plants. With an excellent ROI of ~ 18 months these Hydrogen plants are going to be a money spinner for many businesses in the hydrogen driven economy. In our ambitious plan, we are seeing a lot of support from state government bodies & investment inputs from private investors. We are on the anvil of a new growth trajectory & provide our partners various investment opportunities to share the growth success alongwith with MyIndifuels.





**MY INDIFUELS PRIVATE LTD**  
MADE IN INDIA FUELS

## Contact Us

1800-313-9115

[contact@myindifuels.com](mailto:contact@myindifuels.com)

[www.myindifuels.com](http://www.myindifuels.com)

624/New-1 First floor

Hope Tower Vibhuti Khand,

Gomti Nagar Lucknow-226010