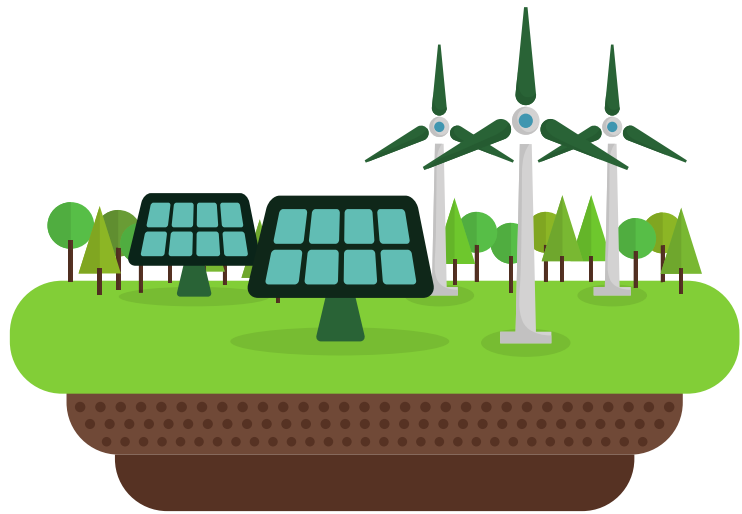




MOTORS

Think 
Green

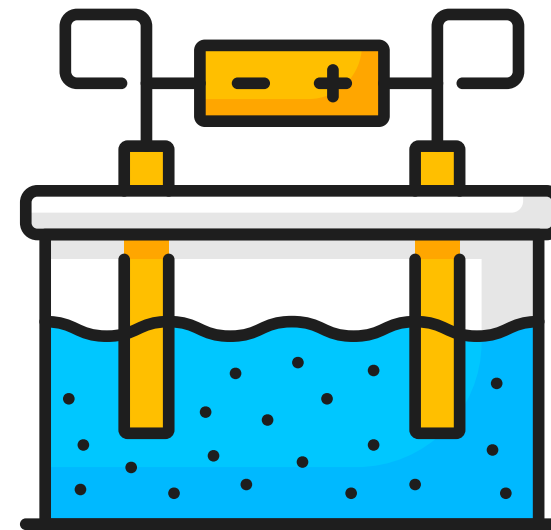
GREEN ENERGY PROJECT



Renewable
electricity Generation



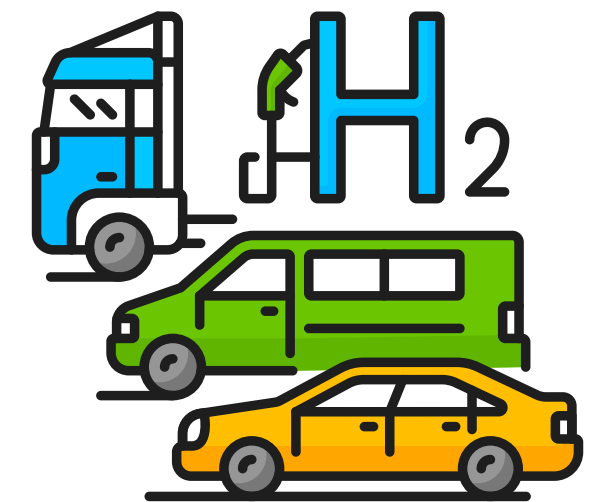
Getting Electricity
to an electrolyser



H2 Electrolyser



Distribution & Storage
of Hydrogen



Net Zero Emissions



www.shivagroupi



+91 7303614666





The Organization

Vision:

The organization vision is based on 6'E;

- Economy & Energy:** Boosting the Economy of the country by low cost Energy. Hydrogen fuel is the cheapest, cleanest & green source of energy.
- Ecology & Environment:** Preserving the Ecology by safeguarding the Environment. A step towards cleaner & greener planet.
- Entrepreneurs & Employment:** Creating the business platforms for new entrepreneurs to grow and thereby contributing to mass employment of people.

Mission:

Endeavour to make reach of technology to the last person of society.





The Technology



Hydrogen fuel cell technology is our research and development product patented with Indian Government.



The technology uses water as a source for Hydrogen generation as fuel source for power generation.



This technology system is called Hydrogen-on-demand (HOD) system which needs no any infrastructure as compared with Storage system.



As on today we are the only in the world to have this technology & system.





Promotor's Profile, Journey & Achievements

Mr. ASHUTOSH KUMAR SINGH

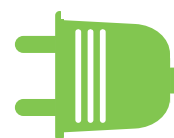
Proud Indian, comes from a corporate family from india

(C.E.O & FOUNDER)

of **SG SHIVA GROUP** A unit of **SHIVA SHIPPING TRADING**

was established By Ashutosh Kumar in the year 2009 the dynamic leadership of the sincere efforts of all other Directors from the initial stage of business has proved the rapid growth of the company. United under one roof of The Company has unique diversified portfolio .

Wish you Happy to inform you that we are working 10 different kinds of business. As our Major Business is SHIPPING and in that we are playing different kinds of roles. Some of which are, infra Port Dredging, Dam Construction, Ship Building, Ship Repairing and Maintenance, Ship Breaking, Chartering, Marine Infra, sand Mining and Trading, Indonesian and indian Coal mines Trading, Manufacturing Of Electrical Vehicles 2&3 Wheeler, as well as Manufacturing of Lithium Ion, LifePo4 Batteries, Contractor in Pan india.





Promotor's Profile, Journey & Achievements

DR. SANJAY L. KURKUTE

Ph.D. M.Tech. (Power Electronics) (President & C.E.O)

SG SHIVAGROUP a multi Business solutions under one roof,

Following project upcoming

(1) Lithium-Ion , Sodium-ion , Battery , Electric Commercial Vehicles ,

2 Wheeler, 3 wheeler, 4 wheeler, and taxi, truck 10 tyre,

bus 24 seater , operated by Battery and solar plate, (Recycling Energy)

Manufacturing plant for truck, bus , and ship, Air car , Submarine,

Construction & Agriculture Equipment

(2) Hydrogen fuel cell, Grapheme oxide research center & manufacturing plant establishment

We need 20 acres of industrial land, on long term lease basis, the location of the land should be sea face area, We required equity based investors and partner from India and foreign FDI for the project,

Upcoming Projects (Address) :-Coastal Highway, Dehri, Umbergaon,

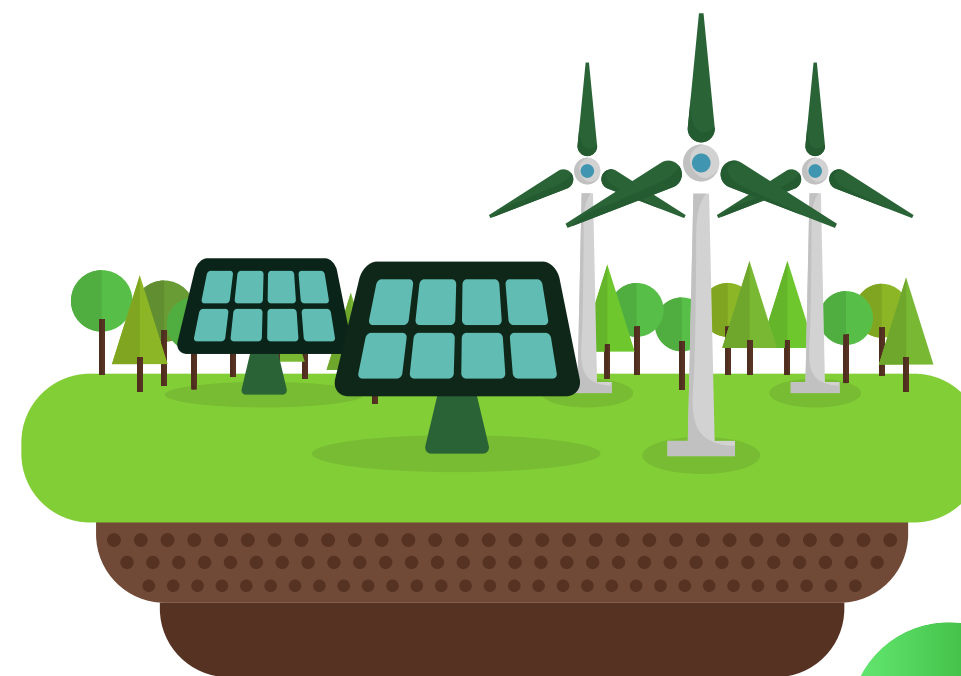
DISTRICT : Valsad STATE : Gujarat. TALUKA : Umbergaon . Pincode: 396170 (India)



Products & Services...

SG MOTORS Bio-Technology for commercial usage of Hydrogen in more than 11 sectors.

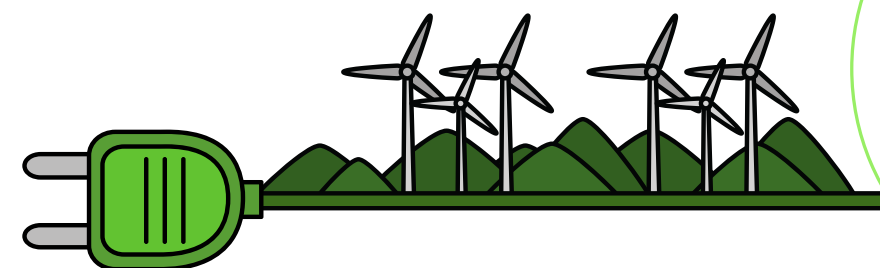
1. Hydrogen hybrid fuel device for all engines viz. Tractors, Buses, Transport vehicles, Cars, Fishing boats, Marine ships, Construction machineries & Generators etc.
2. Hydrogen power stations (1MW & 2.5MW)
3. Hydrogen hydride cars (100% on water)
4. Hydrogen hydride bus & trucks (100% on water)
5. Hydrogen hydride tractors (100% on water)
6. Hydrogen fuelled trains
7. Hydrogen hydride stove/burner
8. Water treatment tank for potable water (100 L/hr - 10000 L/hr)





Products & Services...

- 9. Hydrogen hydride power generator (40kva - 500kva)
- 10. Hydrogen hydride battery (10kw - 100kw)
- 11. Device for zero pollution/no emission for industrial units
- 12. Hydrogen RO water purifier
- 13. Desalination plant on Hydrogen
- 14. MSW - waste management & power generation
- 15. River rejuvenation project
- 16. Hydroxy (Hydrogen-oxygen) treatment/therapy device





Hydrogen Hybrid devices...

E- Mobility Start Up

Company: STDF

Model: Elegant Velocity

Version: Classic

- 2KW BLDC Hub Motor
- Regenerative Embedded Smart Controller
- 350 Kg Load carrying Capacity
- LED Lights
- 200 KM Mileage
- High Torque / Pick up

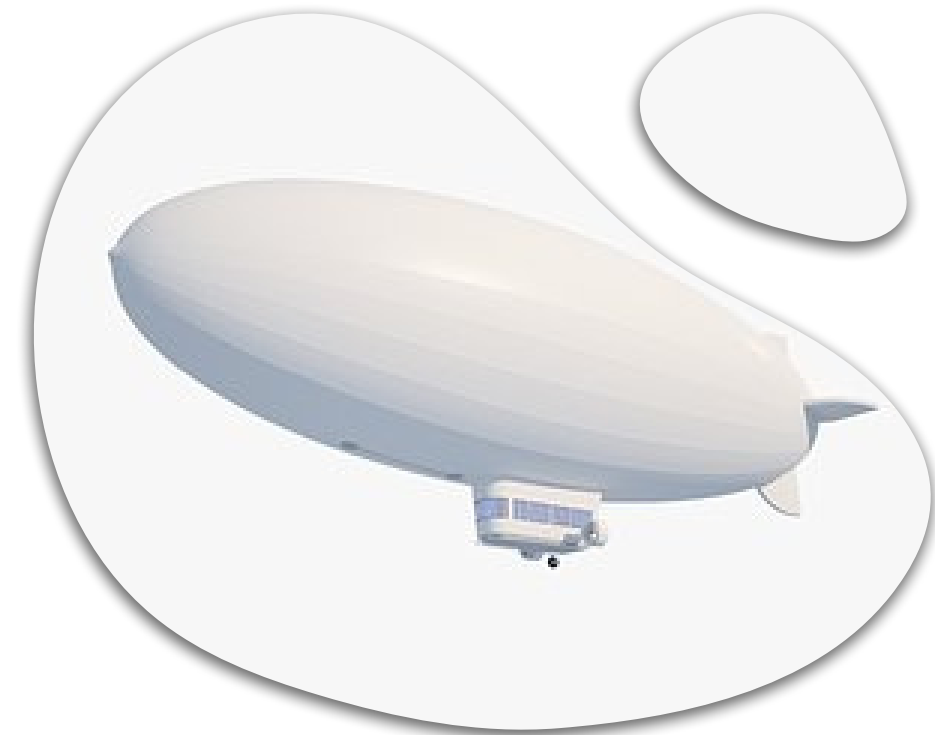




Hydrogen AirCar, Trucks, Tractors & SubMarine

Ongoing R&D

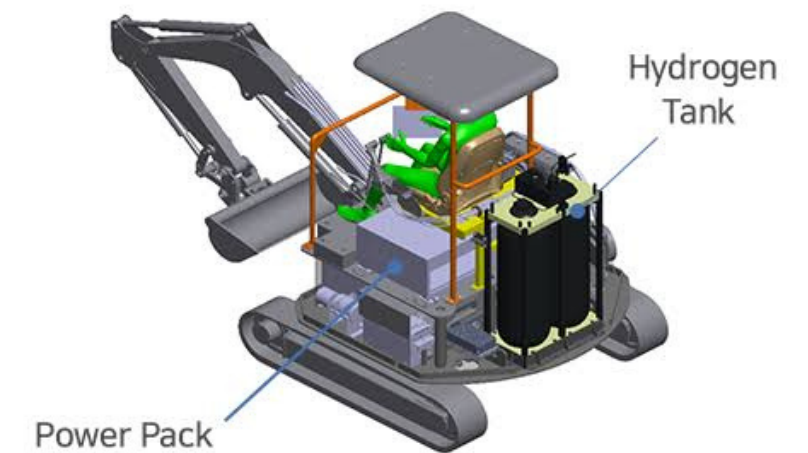
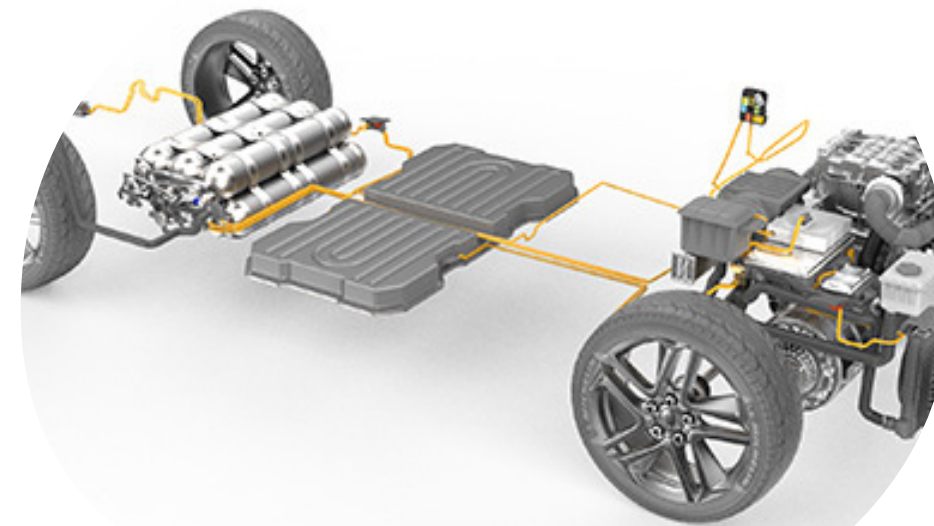
- ❖ 7 inch display controller – for user interface, controls and status notifications.
- ❖ Host Application Controller – for overall system management, sensor data analysis and actuator control signal generation.
- ❖ Communication Gateway – a modular system that will provide GPS coordinates, IRNSS coordinates, 3G/4G/5G/Wifi and BLE connection for IOT core.
- ❖ BLDC Motor controller – for controlling speed and state of the BLDC motor
- ❖ Power supply controller – a combination of DC to DC converters and BMS complementary circuitry.





Hydrogen Cars, Tractors & Trains

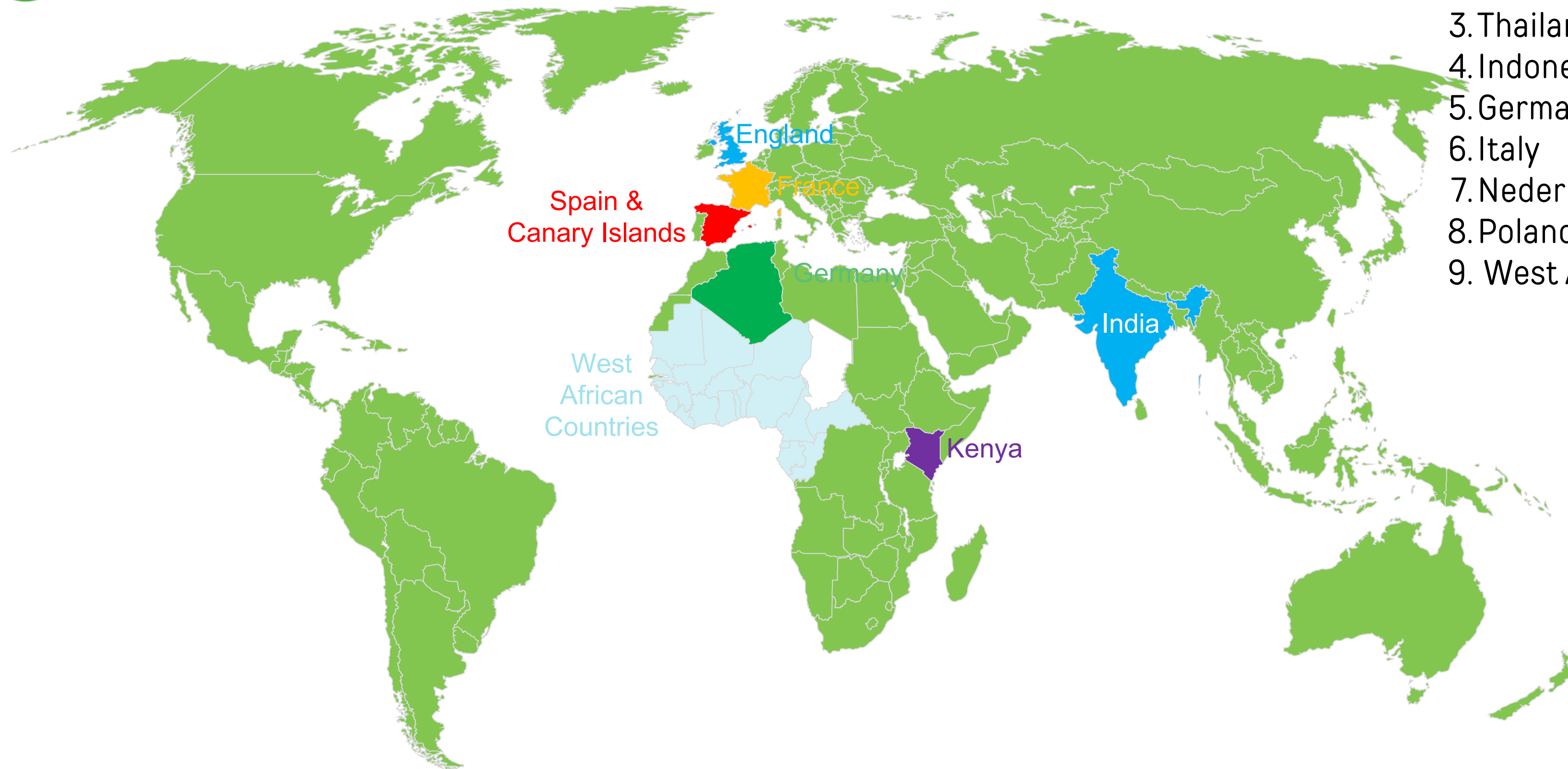
- Hydrogen cars, buses, trucks, tractors & trains...
- All vehicles will run on water as fuel source.
- Called hydride vehicles as they run on 100% water.
- No smoke/emission.
- Carbon generation & emission is fully eliminated.
- Vehicles specially designed to run on hydrogen.
- No need of any infrastructure like storage, distribution lines & refilling stations.
- The system is designed on Hydrogen-on-demand (HOD) system.
- All this steps to a cleaner & greener planet.





Our Presence

1. Singapore
2. India
3. Thailand
4. Indonesia
5. Germany
6. Italy
7. Nederland
8. Poland
9. West Africa



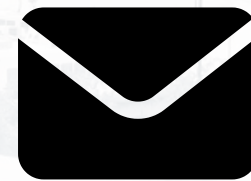


Head Office

Address : 209, 2nd Floor, Thapar Complex, Plot No-51, Sec-15, CBD Belapur
Navi Mumbai - 400614, Maharashtra (India)



+91 7303614666



info@shivagroupind.in



www.sgmotor.in



www.shivagroupind.in



Thank You



www.sgmotor.in



www.shivagroupind.in