

PRODUCT PORTFOLIO

Viraj also offers clients a wide variety of products related to emergency response, which are sourced from suppliers across the world. These products have been tested for quality, ensuring the customer nothing but the finest.

Viraj product and service offerings include:

- Oil & Chemical spill response products
- Oil & chemical spill risk assessment plans and contingency plans.
- IMO OSR level I & II training programme
- Compressed Air Foam Systems (CAFS) for more effective firefighting
- Decontamination kits for CBRN application
- Mix of technologies for environmental solutions



In addition to these products, re-usable adsorbents made of human hair as well as petroleum remediation powder and microbes for spill site remediation have also been added to the organisation's product portfolio.

THE RIPPLE EFFECT

Viraj has successfully transformed the knowledge and expertise it has gathered over the years into a variety of individual and team training modules, thus creating a ripple effect; passing on effective systems and techniques to clients in an effort to share knowledge for the greater good.



CLIENTELE

Since its inception, Viraj has extended its products and services to a variety of well-established organisations. Over the years, its list of clients has grown to include several large oil corporations, MNCs and influential maritime organisations and companies, both in India and abroad.

Given below is a brief list of Viraj national and international clients, just to name a few:

Oil & Natural Gas Corporation Ltd.	Cairn Energy (India) Pvt. Ltd.
Hindustan Petroleum Corporation Ltd.	Gujarat Ambuja Cement Ltd.
HPCL Mittal Energy Limited	Gujarat Maritime Board
Indian Oil Co. Ltd.	JSW Ports
Adani Port	Reliance Industries Ltd.
Bharat Petroleum Corporation Ltd.	Ultra Tech Cements
Finolex Industries Ltd.	White Nile Oil Co. - Khartoum, Sudan, Africa

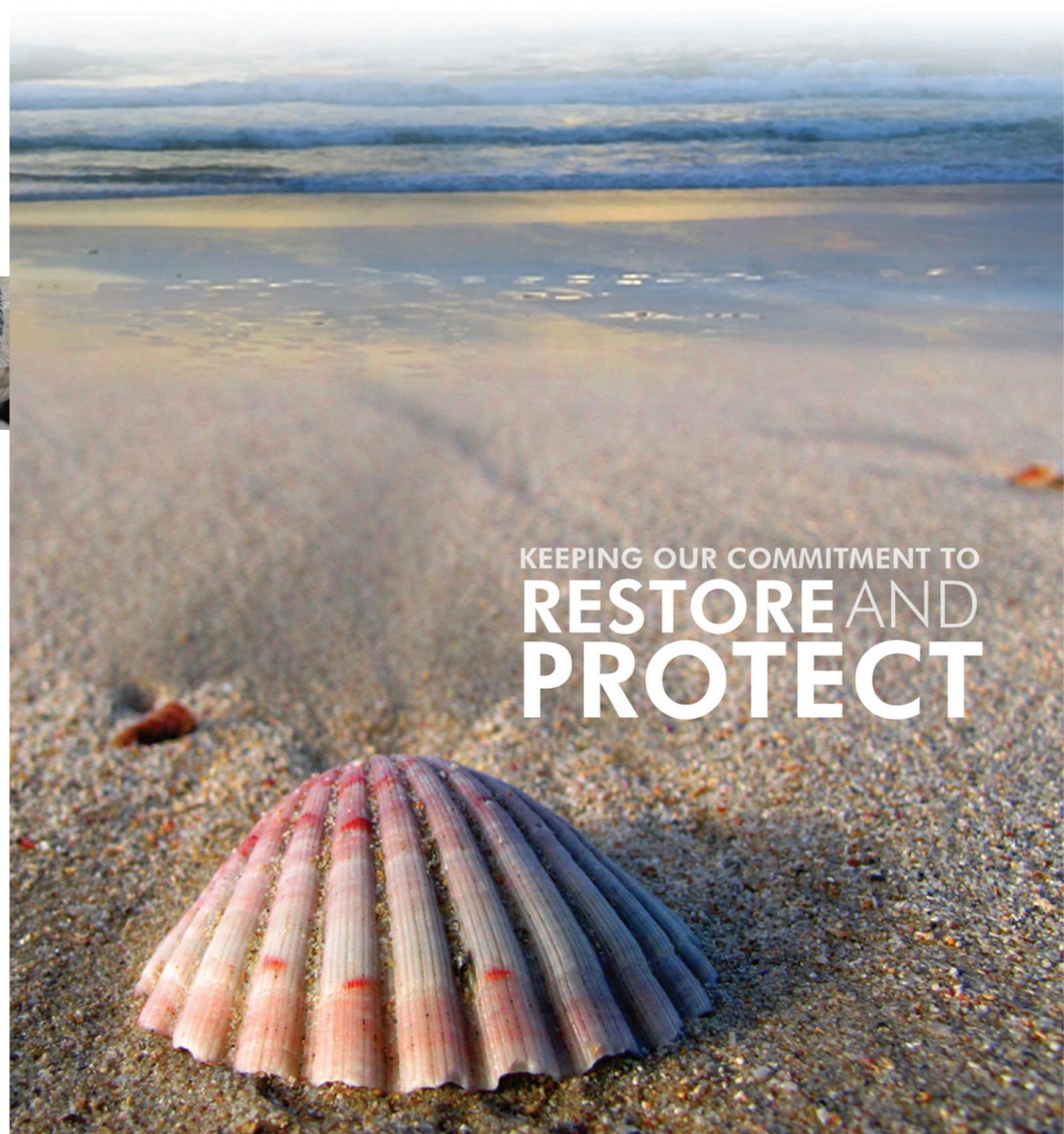
For a detailed list of Viraj clients, please visit its website www.virajcse.com

VIRAJ'S STAR QUALITY

The symbol of transformation, healing and regeneration, the starfish is the perfect representative for Viraj Clean Sea Enterprises Pvt. Ltd. This unique marine creature encompasses the company's hope for restoration of the ocean's delicate balance to a state of beauty and purity.



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SETTING SAIL ON A BRAND NEW VOYAGE

Viraj Clean Sea Enterprises Pvt. Ltd. (Viraj) is India's leading organisations in the field of Marine Emergency Response (Offshore-Onshore Oil & HNS Spill Response & Environmental protection.

Initially set up to operate in the niche market of Marine Environment Preservation, Viraj has since emerged from its limited role as an oil spill response services provider to become the first organisation in the nation to provide support simultaneously in several related fields.

Viraj operates from Navi Mumbai, Mundra, Viramgam & Bhogat in Gujarat, Barmer in Rajasthan and also has presence in Delhi.



Viraj aims to extend its field of activities to every Indian port, providing its clients with international standards of emergency response support at affordable Indian prices.

EXPERT HANDS ON DECK

Viraj committed team of experts, which is largely made up of ex-officers and sailors of the Indian Coast Guard/Navy, have extensive hands-on experience in the fields of environmental preservation and coastal security. Their expertise has contributed greatly in making Viraj the only comprehensive Marine Emergency Response specialist in both fields within India.



RUNNING A TIGHT SHIP - PRODUCTS & SERVICES

Oil & HNS Spill Response

- Oil Spill Response at Offshore: Viraj provides Off-shore oil spill response services as per customer's requirement. A team of trained and qualified personnel from IMO level I & II works using OSR equipment such as boom, skimmer, floating tanks etc. Using boom for containing the spilled oil and deploying skimmer for recovery of the oil from the sea surface and pump it into a suitable temporary containers or floating tanks.
- Oil spill Response at Onshore: Viraj provides Onshore response trained teams to handle oil spill on land. Teams restrict the flow of oil with OSRE or what resources are available at site. All personnel protective equipment is included to ensure safe operation. Teams work with you for giving solution to the problem and make a good relationship with the customer.
- OSRE O&M Services: Viraj provides Operation and Maintenance Service on customer's Oil spill Response Equipment (OSRE) as per customer's requirement. A team of experts carry out maintenance as per OEM guidelines and equipment's maintenance schedule and deliver training to your personnel to ensure that they are competent to deploy OSR equipment in-case of any emergency.

- Equipment on Hiring: Viraj provides OSRE on hiring with or without trained manpower depending on customer's needs. Viraj works with some of the additional equipment which is listed below as on today. This meets your requirement and for adhering government regulation with investing money and no need to have additional manpower to maintain these equipments.

Training

Viraj has been accredited by the Nautical Institute, United Kingdom for conducting IMO level I & II course across the world. Nautical Institute is authorised the International Maritime Organisation (IMO) to accredit capable training organisations in this field.

Even before accreditation Viraj was accepted as the only training provider in India and abroad. So far more than 100 officers and men have been trained as On Scene Commanders (OSCs) and Responders. Our training faculty is fully qualified and has hands on experience on pollution response and operational sea service due to their previous association with the Indian Navy and Indian Coast Guard.



Solutions to Environmental Pollution

Viraj offers comprehensive solutions to all types of environmental pollution in India.

Viraj, in exclusive collaboration with ES Lab, a Japanese Research unit is giving a unique solution to most of the environmental problems related to air, water & soil in India, now. The system is based on Balancing Theory, which states that the problems of pollution are because of imbalance of natural forces emitting from earth and space. The theory, though beyond the present teaching of science, is in use in Japan and its effects are visible for decades. It is gaining acceptance worldwide and is capable of treating and curing extreme levels of pollution across industries, cities and natural phenomenon.

Viraj also offers a second product for environmental solutions named Nualgi, a nanotechnology product manufactured by Nualgi Nanobiotech Ltd. It has a Bangalore based inventor and is a proud to be Indian company. Nualgi can treat water pollution and increase biodiversity.



COMPRESSED AIR FOAM SYSTEMS (CAFS) & CBRN DECONTAMINATION KITS

Compressed Air Foam Systems (CAFS) are advanced and highly efficient foam-based fire-fighting systems that utilise compressed air to improve the fire-fighting capability of its flame retardant foam. This system is mainly used in fighting class A and B type fires, and is especially useful in remote areas where accessibility and logistics support is difficult to reach and immediate action is required. These systems are available in varying sizes depending on individual fire-fighting requirements and can also be used in combating biological and chemical decontamination. The decontaminant used in CAFS is US Government approved.

