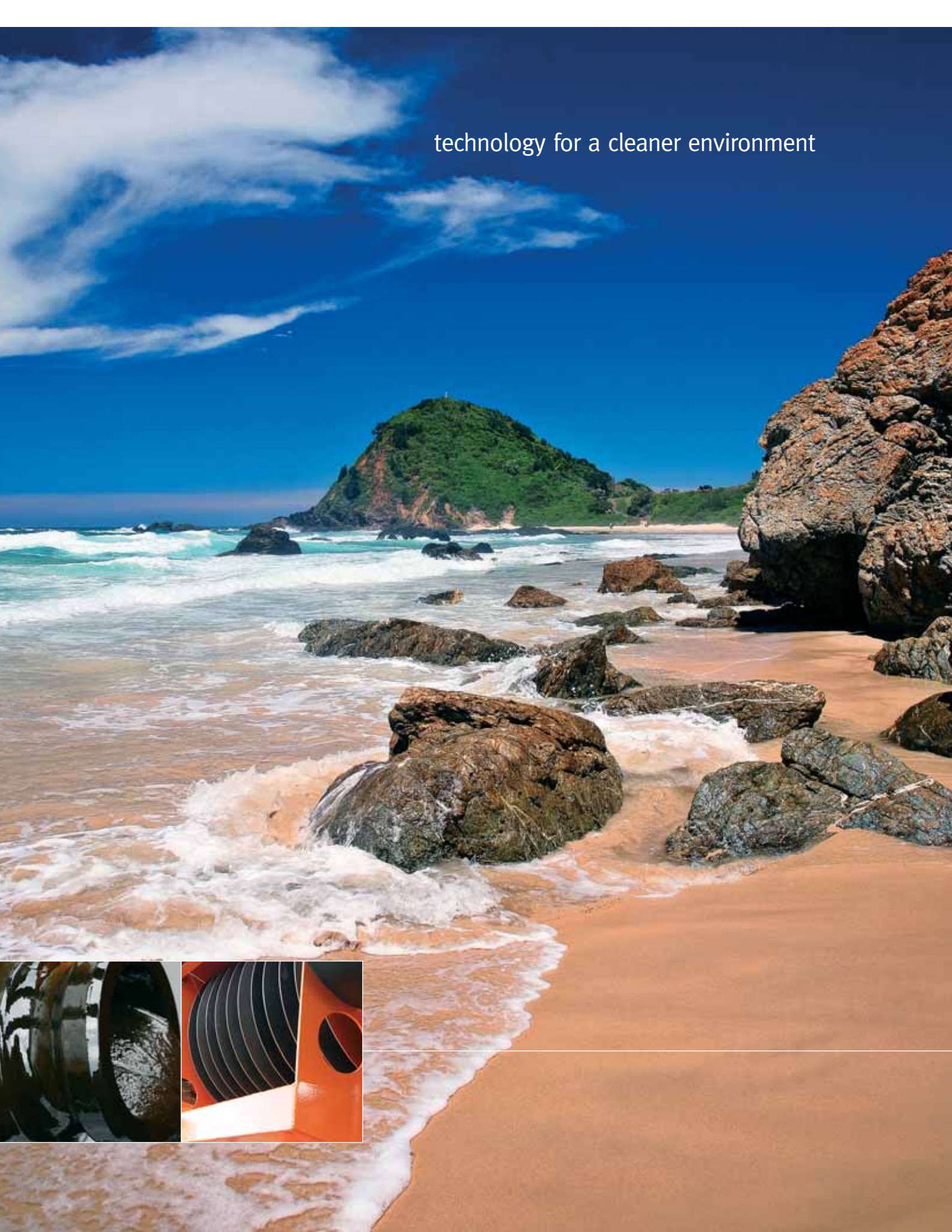




innovation  
quality  
reliability

technology for a cleaner environment



Vikoma is the world leader in the design and manufacture of oil spill response equipment which has been helping to protect our environment for over 40 years.

Our ethos is one of

**innovation**  
**quality**  
**reliability**

Vikoma designs and manufactures the best known and best performing oil containment booms, skimmers, tanks, powerpacks and vessels for oil pollution control. Our equipment has been proven in the most extreme conditions and major spill situations. It is not unusual for Vikoma equipment to be in service twenty years after original purchase. Vikoma is trusted by the biggest names in the oil industry to protect their operations and the natural environment.

Vikoma International has a long pedigree in the oil spill response sector. Originally set up by BP in 1967, we have been innovating ever since. We are proud of our reputation for quality and believe we are the only designer and manufacturer to hold ISO 9001:2000 for our entire range of operations including design, manufacture, sales and installation processes.

Vikoma is part of the Energy Environmental Group, (EEL Group). The EEL Group specialises in providing a range of environmental services to the oil industry. We have ambitious plans for growth including new products and services; ensuring we maintain our place at the forefront of environmental technologies.



We make sure our equipment is effective, efficient and reliable, so you can be confident it will do the job it needs to do, when you need it to.

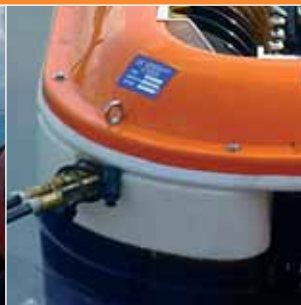
quality equipment for every scenario

containment  
recovery  
storage

Vikoma offers quality equipment for each stage of an oil spill operation, including booms, skimmers, tanks, powerpacks, pumps and a range of ancillary equipment, making your job quicker, easier and more effective.

Combine this with our range of oil spill response vessels, full commissioning service and accredited training, you can be sure you have the right equipment and expertise for any situation.

Vikoma has a wealth of experience in the oil spill response industry and understands the requirements of the most difficult environments. Our in-house engineering team specialises in the design and development of high quality, durable and reliable equipment which will perform in the most challenging and hostile situations.



### challenging offshore applications

Vikoma boom and skimmers have been used in a wide variety of offshore scenarios. Our single point inflation HI Sprint boom greatly reduces deployment time in what can be very challenging circumstances and offers the best wave following in the market. Vikoma Komara skimmers are known for their reliability worldwide, while our unique Weir Boom, a combined boom and skimmer has the capacity to handle up to 210 m<sup>3</sup> per hour.

### ports and harbours

Complete containerised systems provide an immediate response and secure storage solution in ports, harbours and terminals, while permanent and semi permanent booms can provide protection in high risk areas. Vikoma's range of oil spill response vessels and workboats provide fast response and flexibility for general duties.

### shoreline and intertidal zones

Vikoma's world renowned Shoreguardian is designed to give an excellent seal on beaches and marshes for protection and containment. Our shoreline equipment is designed to be two man portable and easy to manage in difficult inaccessible terrain.

### fast flowing rivers

Fast deployment and strong, flexible booms are needed in river clean up operations and when used in combination with our Fasflo or Mini Fasflo provide an excellent solution for fast flowing rivers.

### water intakes and outlets

To protect water intakes and outflows from pollution and save valuable man hours, Vikoma designs and installs custom made protection reducing costly system downtime.

### ice conditions

Tough equipment is needed in ice conditions, neoprene Hd and HI Sprint boom offer excellent containment in the toughest conditions and specially designed skimmers give excellent oil recovery.

### industrial applications

Vikoma T-Disc technology combined with resistant stainless steel construction provides round the clock skimming capability for industrial and petrochemical applications. T-Disc skimming reduces waste and increases profitability, typically achieving a return on investment in less than a year.

Our experienced technical team will help design the ideal solution for your exact requirements



# containment booms

Vikoma is renowned the world over for high quality, high performance Neoprene and Polyurethane booms. Our ethos of quality design and ease of use saves you money by reducing downtime, manpower and maintenance.

Indeed, Vikoma's boom is built to such high standards, it probably gives the lowest lifetime costs in the industry.

Vikoma booms are designed to be:

quick and safe to deploy with minimal manpower

durable and long lasting

effective in minimising oil loss through the best wave following characteristics in the industry

operational in extremes of temperature

easy to maintain





Vikoma use only the highest quality materials for boom manufacture. Our neoprene materials and unique vulcanisation process provides an exceptionally durable, long lasting boom. While our top grade PU boom with RF welded seams offers a lower initial cost option whilst still giving excellent durability and working life.



### HI Sprint

The world renowned HI Sprint can be quickly and safely deployed with just two people. HI Sprint is available in a range of sizes for offshore and coastal applications.

HI Sprint's trademark features are:

- Single point inflation - makes HI Sprint fast, easy and safe to deploy.
- Bulkhead design - ensures integrity and oil containment ability.
- Smooth flexible boom with low inflation pressure gives excellent wave following to minimise oil loss.
- Durable neoprene construction - for strength, resistance, long life and minimum maintenance.

### Sentinel

Is a high performance and versatile boom in neoprene or PU. It is designed for use in offshore and coastal situations, rivers, ports and terminals.

- Simple and quick to deploy.
- Smooth profile and excellent wave following characteristics.
- A range of sizes for different applications.

### Shoreguardian

The Vikoma Shoreguardian is specifically designed to provide an effective seal between land and water. The triple tube design with air filled upper tube and water ballasted lower tubes results in a stable and consistent oil barrier.

- For beaches, marshes and intertidal zones, it can also be used to create a dam in shallow rivers and streams.
- It can be connected to other floating booms to provide a continuous barrier out into deeper water.
- Neoprene or high quality PU construction for durability and long life span.
- Neoprene version offers exceptional resistance to abrasion from stones and rocks.

### Weir Boom

The unique Vikoma Weir Boom, provides containment and skimming all in one. Weir Boom offers high capacity oil skimming in difficult offshore conditions.

- Exceptional recovery capacity up to 210 m<sup>3</sup> per hour.
  - Fast collection over a wide area, up to 200m mouth span depending on currents.
  - Operational in heavy seas.
- Vikoma Weir Boom is classified as an advancing skimming system which provides continuous recovery of oil back to the storage vessel.

### Flexi Boom

Flexi Boom is a cost effective fence boom, foam filled for buoyancy and available in a range of sizes.

- Ideal for use in more sheltered waters such as ports, harbours, terminals, rivers and lakes.
- Light durable construction, it is quick and very easy to deploy without specialist training.

### Pod Boom

Vikoma's Pod boom is a strong and durable boom, ideal for permanent deployment in rivers, lakes and water intakes, as well as ports and harbours.

- A stable boom with floating pods attached to a strong fence element.
- A cost effective and reliable boom.

### Hd Boom

HI Sprint boom is available in an Hd "Heavy duty" version, which offers a double thickness neoprene skin for even greater strength and durability.



# containment booms

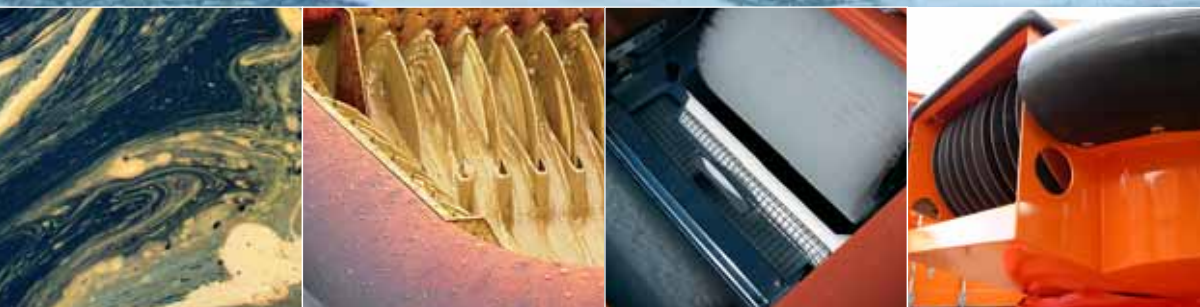


# oil skimmers

Komara has become the byword for skimming technology and is the name associated with the most efficient and most reliable skimmers in the world.

Vikoma takes pride in designing and manufacturing skimming equipment that will perform to the highest standards. We undertake independent testing through the Lloyds Register on many of our products to guarantee their capabilities.

We rate our skimmer systems on their actual oil recovery rate as witnessed by Lloyds and not on the nameplate pump rating.



## oil skimmers: marine applications

Komara disc systems are available in a range of sizes and capacities from 7 to 70 m<sup>3</sup> per hour to handle recovery in open seas right through to more restricted difficult to access situations in rivers or lakes, ponds or harbours.

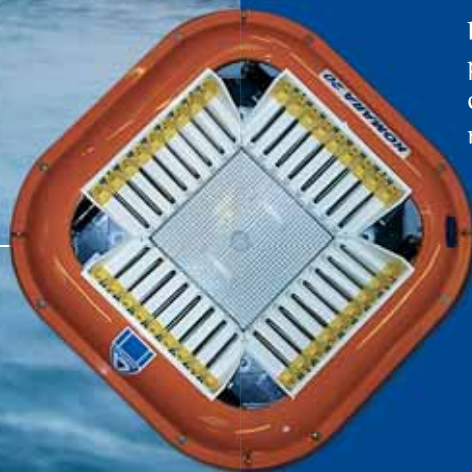
Our design team have developed two man portable systems which can be carried into difficult to access terrain, with pumps and powerpacks which break down into portable component parts. At the other extreme our high capacity skimmers have on board pumps and are designed for maximum recovery in open waters.

### Komara Plain Disc Range

The internationally acclaimed Komara range of disc skimmers are the best known and most widely used skimmers in the world.

- Highly efficient - 98% oil to water recovery rate
- Effectively eliminates the need for secondary processing and the need to dispose of large quantities of contaminated water, with the obvious cost saving benefits.
- Reduces excess storage and transport requirements needed with less efficient skimmers.
- Komara disc skimmers can cope with a wide variety of oils, from very light products such as aircraft fuel to high viscosity crudes.
- The Komara Duplex also offers an interchangeable disc and brush cassette option.

Komara skimmer heads combined with Vikoma's powerful pumps and powerpacks maintain collection rates over long periods with minimal supervision.



# oil skimmers: marine applications

## Komara Star Range

The Komara Star range uses toothed discs to recover viscous oil with a capacity of up to 70 m<sup>3</sup> per hour with less than 2% water content.

- Will handle the most viscous of oils with ease, up to 1,000,000 cSt.
- The unique tooth disc design actively draws oil towards the skimmer.
- Special pivot action of the disc bank prevents damage to discs and obstruction by debris, preventing stoppage and downtime.
- Shallow draft allows use in shallow waters

## Weir Skimmers

Vikoma manufactures a range of high quality weir skimmers for use across a wide variety of light to medium viscosity oils. They are ideal in applications as diverse as in-tank skimming, very shallow waters, ponds and lakes and for high capacity offshore use.

Our weir skimmers are designed to handle capacities from 5m<sup>3</sup> up to 120m<sup>3</sup> per hour.

## Weir Boom

Containment boom and high capacity continuous skimming system in one.

## Fasflo

For fast flowing waters Vikoma's Fasflo and Mini Fasflo skimmers make light work of collecting oil in rivers, streams, estuaries. Fasflo skimmers can also be used as a side sweep skimming system in open water, collecting up to 70 m<sup>3</sup> per hour.





# oil skimmers: industrial applications

## Industrial Skimmers

Vikoma has led the way in industrial skimming systems, developing a range of models which provide excellent long term service, whilst quickly generating a return on investment.

Komara T-Disc Skimmers are specifically designed for continuous use in highly aggressive industrial applications.

- Oil recovered from overflows and pits can be re-processed and sold becoming an income stream rather than a cost.
- The T-Disc can offer a return on investment in 6 - 12 months.
- Continuous skimming prevents odour build up and potential environmental damage.

The T-Disc design gives an exceptional pick up ratio with less than 2% water content across a wide range of pollutants. Available in a range of capacities and either floating or fixed they can operate with minimal downtime.

## ATEX

Komara T-Disc systems can be supplied to meet ATEX requirements for Zone 1 areas.

Vikoma takes pride in building reliable, high quality innovative equipment. To maintain maximum performance levels you need high quality powerpacks and pumps to drive your boom and skimmer systems.

## powerpacks

Vikoma manufactures a comprehensive range of hydraulic powerpacks designed to provide reliable, continuous smooth power in remote and challenging conditions. We can supply powerpacks which deliver outputs from 7hp, and have produced units which deliver up to 180hp.

Innovative design ensures that Vikoma Powerpacks suit the purpose. For example, the GP7 can be split into two component parts to make it portable by just two people, enabling access to difficult to reach areas. Whilst the extremely powerful GP70 can drive several pieces of equipment at the same time, and can also be used to provide hydraulic power for other applications.

Powerpacks are designed and built in our UK manufacturing facility to ISO 9001:2000 standards utilising the highest quality components. We refuse to compromise on quality to ensure that you can rely on our performance for many years. Powerpacks can be supplied with additional safety features such as spark arresters and auto shut down valves for use in high risk areas.

Vikoma powerpacks are well known for their ease of use and low noise. They have been successfully used in diverse situations from remote desert, inaccessible deltas, to on board ships.

Vikoma's equipment is designed and manufactured to meet the highest performance requirements, with ease of use and reliability as a top priority.

## pumps

The quality and capacity of the pump affects the capacity of skimming equipment. Our positive displacement pumps are designed and matched to equipment, with spare capacity built in to ensure the skimmer head itself can recover oil to the maximum rated capacity.

- High quality, high performance pumps give a long life cycle and low maintenance to reduce life costs
- Lobe pumps can run dry without damage - reducing wear and tear and minimising manpower and supervision - saving you money

We incorporate the highest quality components and assemble them in our own manufacturing facility under stringent ISO standards so you can be confident of quality and innovation.





## storage tanks

Safe, efficient storage of recovered fluids is key to the successful completion of an oil spill response exercise.

Vikoma excels in producing skimmers which recover oil with minimal water content which significantly reduces the overall volume of fluids. However it is vital to have plenty of storage capacity to avoid costly delays and allow continuous oil recovery.

Vikoma manufactures a range of tanks in neoprene and PU which have high resistance to hydrocarbons, UV and wear and tear. Self-erecting Vikotanks and aluminium framed Star Tanks are perfect for small capacity storage, taking up minimal space when stowed.

Our large capacity floating storage tanks can be towed behind a ship and shuttled away by support vessels without slowing down oil collection, increasing valuable storage space and reducing stoppages for tank emptying.



# shoreline cleaning

The logistics of shoreline clean up are often difficult. You need equipment which can be easily transported into often remote and rugged terrain. Vikoma shore cleaning equipment is designed to be portable while maintaining class leading performance.

## MiniVac

Vikoma's MiniVac offers unrivalled beach cleaning capability, using suction to recover oil and polluted debris.

The lightweight aluminium construction makes it an easily portable design so it can be carried into remote, difficult to access areas.

The high velocity air flow and efficient design system makes light work of collecting light and viscous oils from rocks, sands and manmade structures, at a rate of 24m<sup>3</sup> per hour.

The MiniVac can be supplied with a transfer pump to allow continuous cleaning while collected oil is pumped away from the contamination site to transport tankers without the need for temporary storage tanks or drums.





## ancillary equipment

Vikoma provides a full range of ancillary equipment including dispersants and sorbents.

The range includes Vikoma's TC3 high capacity dispersant spraying system, carried and controlled by helicopter, and the VikoSpray spray system which can be fitted to oil response vessels, tugs and even small workboats. Smaller spray systems, back pack sprays and pressure washers are also available.

Vikoma can also supply diesel driven generators, mobile high powered skylights and incinerators to assist in emergency response and clean up operations.

## commissioning & training

Vikoma understands the importance of commissioning equipment correctly to get the best use from your oil spill response equipment. It is essential that personnel are trained to the right level of expertise to undertake tasks safely and efficiently.

Vikoma offers a full design, commissioning and installation service to make sure you have the best solution for the application. We can also provide on site product training to make sure you get the most out of your Vikoma equipment.

As an IMO accredited training organisation Vikoma can also offer the Level 1 Beachmaster training course to qualify personnel to manage and undertake a spill and clean up operation in harbour and coastal situations.



# oil spill response vessels and work boats

Vikoma offer a range of work boats and oil spill response vessels for tasks both close to shore and in open water. The range includes small, light, towable vessels which can be quickly transported to site and easily launched, through to large tugs and our newest addition to the Vikoma family the VikoSprint.

## VikoSprint

The VikoSprint is a fast, flexible and extremely agile aluminium trimaran, which combines speed and fuel efficiency. It also boasts the largest workspace for length of boat in the market.

The VikoSprint rapid deployment trimaran is available as an oil spill recovery vessel complete with on-board recovery system and rigid booms or as a standard work boat. The Trimaran design combined with the forward wheelhouse gives an exceptionally large deck space and it's stability and sea handling offer a safe, stable working platform for oil spill response and general work boat tasks.

The VikoSprint range is available in 12m, 16m, 21m and 30m options to cope with a whole range of scenarios, the shallow draft means it can be used close to shore and the larger sizes cope admirably in heavy offshore conditions.

## Delta Responder

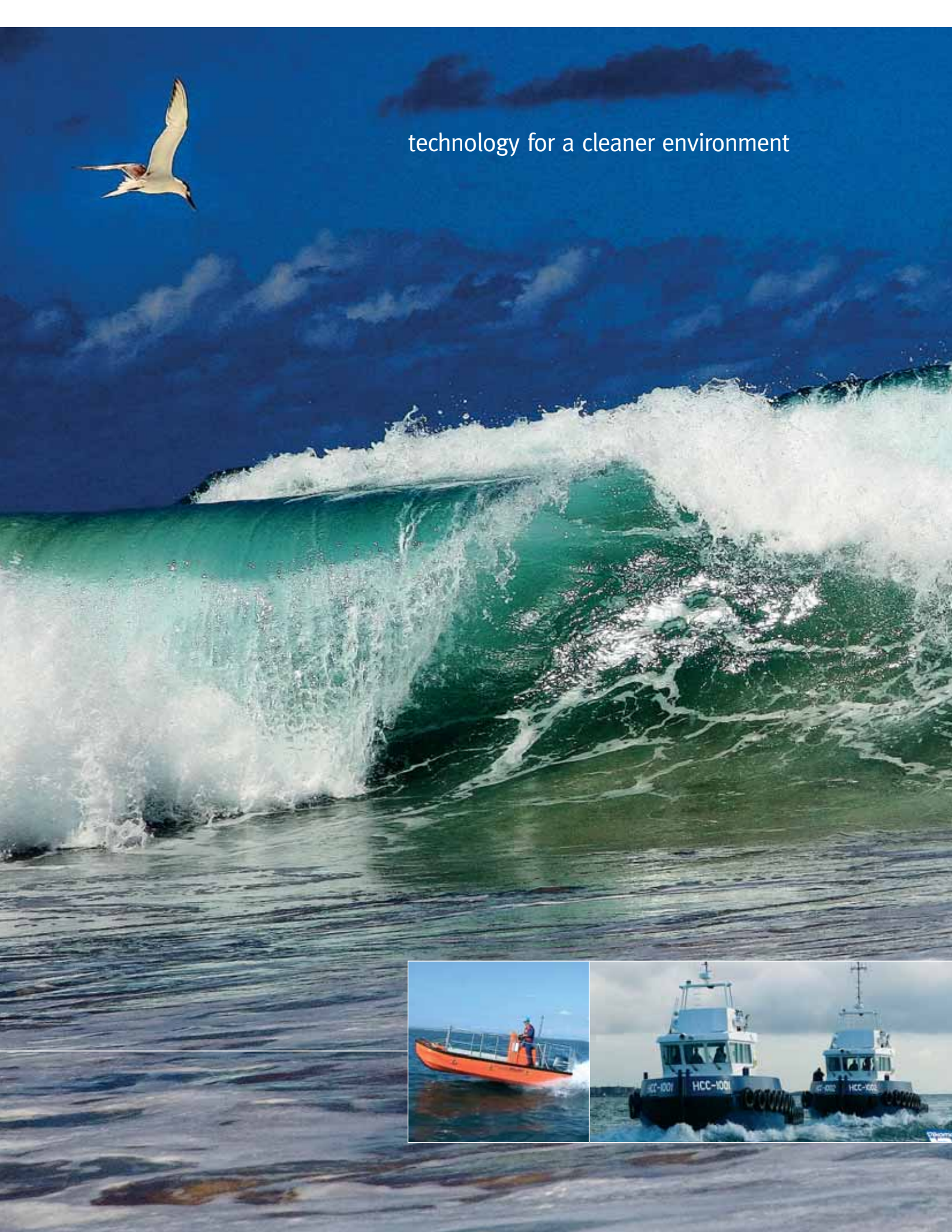
The Delta Responder has been designed to be a very versatile commercial craft, for use in oil spill and general harbour duties. The craft has a fully welded aluminium structure with large internal deck area and a bow loading ramp. The hull form is an easy driven shallow vee design, giving a comfortable and stable ride. The large bow ramp and power tilt drive system allows for shallow beach operations, loading and unloading of booms, skimmers etc.

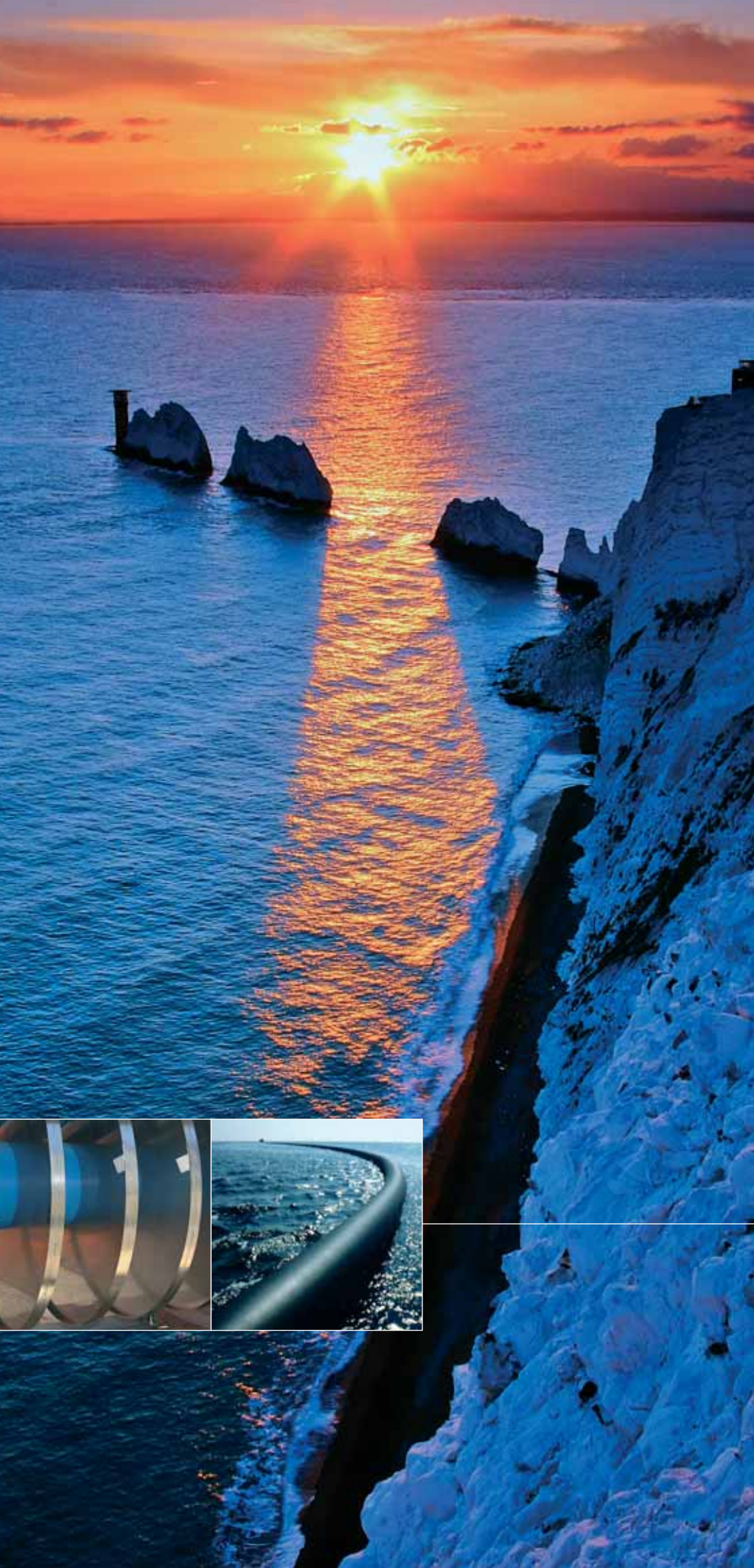
The Delta Responder can be supplied in water jet or stern drive variations and offers fast response capabilities in coastal and harbour situations.

Vikoma also offers a range of vessels to recover oil and debris in harbours, rivers and other marine applications.



technology for a cleaner environment





innovation  
quality  
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