



### Our Evolution...

#### 2019

#### **SOR** is created

Sustainable Oil Recovery was formed under the direction of Founder Captain Marc Kuhl in collaboration with the inventor.

#### 2022

#### **Xtreme Tech Challenge**

A non-profit organization behind the world's biggest startup competition for which SOR was a global finalist.

#### 2020

#### Sucoil® Sponge

Our revolutionary sponge was branded and trademarked as the Sucoil® Sponge and Provisional Patent: 2020901778 application filed for Australia.

#### 2022

#### **Stormwater Solution Trial**

Federal government grant awarded to SOR's Stormwater Solution & trial implemented with Central Coast Council For 3 months at Tuggerah Lakes, NSW. Proving successful results, the solution has been rolled out to multiple Central Coast Council sites.

#### 2021

#### Climate Launch Pad

The world's largest green business ideas competition, SOR was an Australian national finalist.

### 2023/24

#### **SORR** created, partnership with Superlon & Deep Supplies

To meet critical demand, Sustainable Oil Recovery & Remediation entered into a joint venture partnership to develop sophisticated supply at volume of solutions and end of life for 100% environmental sustainability and zero landfill.







Collaborating with

































### A Global Problem



# "What works is not scalable, what is scalable is not sustainable."

Marine Scientist in the Industry



































### What is SORR

SORR is a stand alone solution, deliverable at scale and in combination with other remediation approaches, SORR provides partial and turnkey solutions for:

- Stormwater Solutions
- Marina Solutions
- Civil Works
- Mining Solutions
- Oceanic Solutions/Oil Spills
- Environmental Impact Data Collection







































# **SORR Technology**



....captures over 1000 times its own weight during its life.

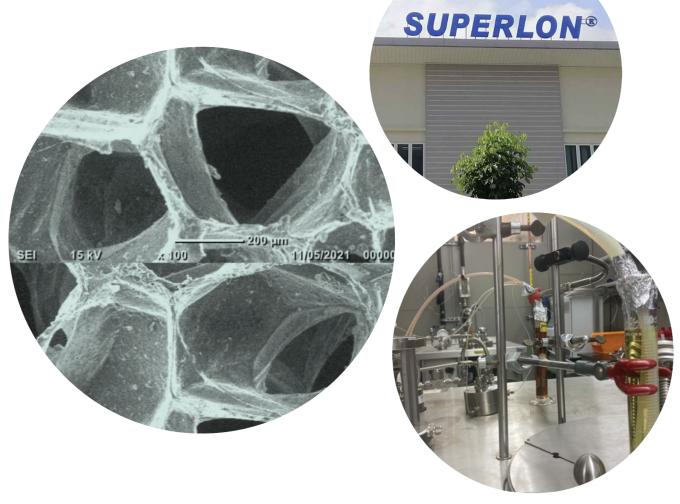


Uniquely reusable many times (Small material footprint)

Dual use option (Immediate remediation and retrospective pollutant detection)

Highly adaptable to different use scenarios (Enclosed granulate, fragments, self-supporting mats, etc)

Sophisticated supply at volume Oil & gas solutions and end of life for 100%environmental sustainability and zero landfill



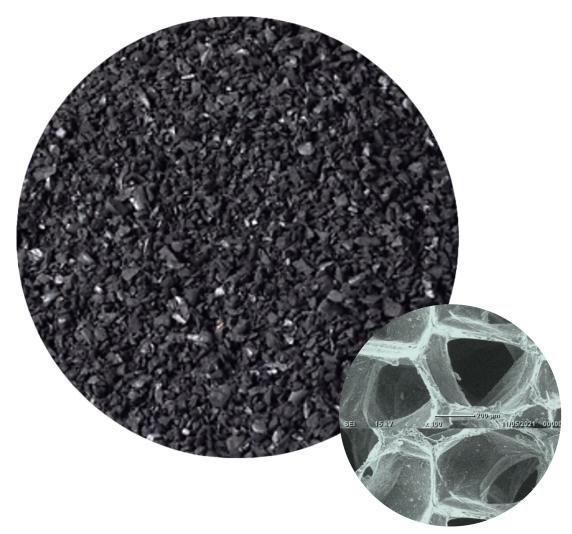


# The "Sponge"...



To enhance the clarity in conveying the specifics of the SORR sponge and its comparative evaluation against activated carbon, we must consider the following distinguishing features of the sponge:

- 1. Self-supporting Structure
- 2. Mechanical Robustness and Reusability
- 3. Heat Resistance
- 4. Adaptability in Shape and Granule Size
- 5. On-Site Custom Fabrication
- 6. High Internal Surface Area
- 7. Composite Usability
- 8. Strong Capillary Action and Long-Term Deployment



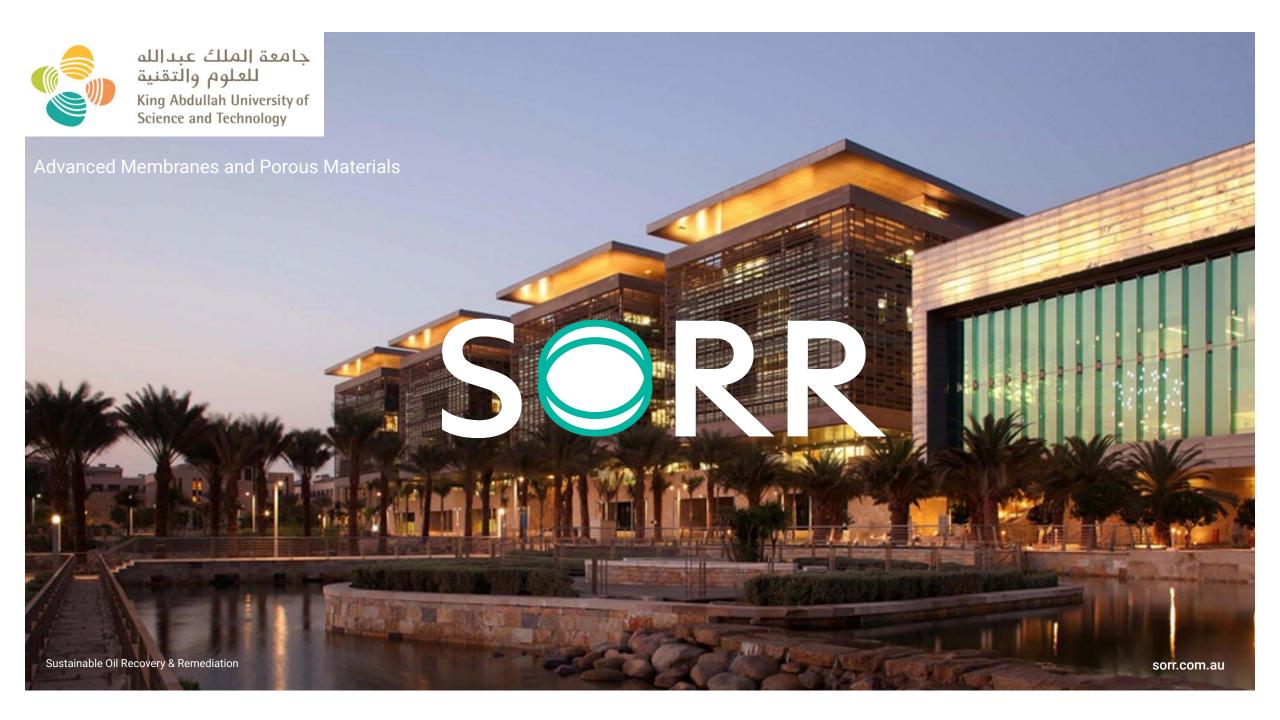
# The "Sponge"...

SORR

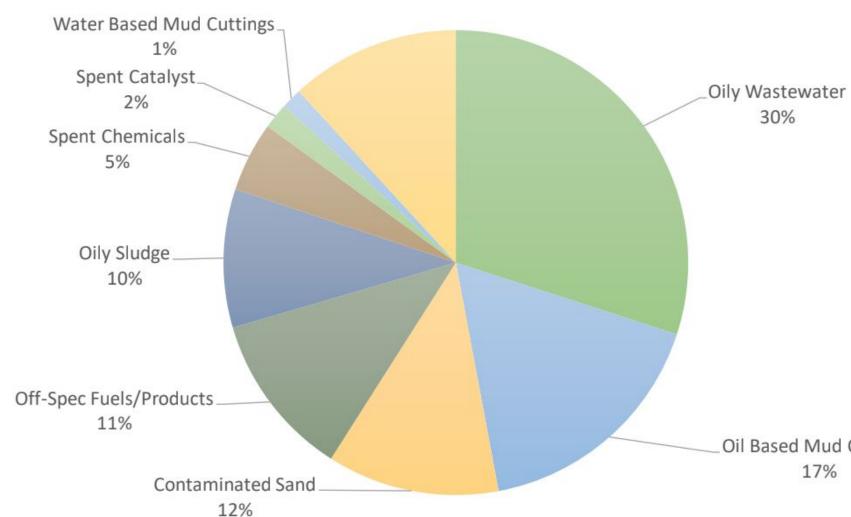
In summary, the sponge's strength lies in its adaptability in delivery forms, ranging from large buoyant blocks or sheets of several meters to smaller granules in the range of centimeters or millimeters. It can be deployed within containment fabrics or structures, or directly into pre-existing cavities, such as storage tanks, or contaminated spaces, as often encountered in salvage operations on ships.

The sponge's versatile deployment options make it a valuable tool for a wide array of environmental applications.





# iktva





API TYPE OIL-WATER SEPARATOR



Oil Based Mud Cuttings 17%

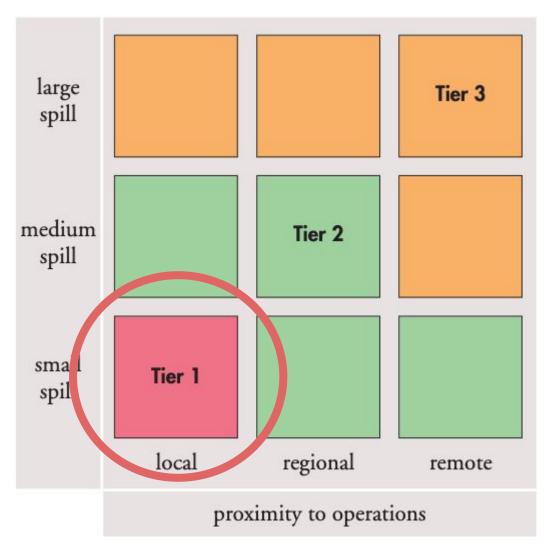
30%







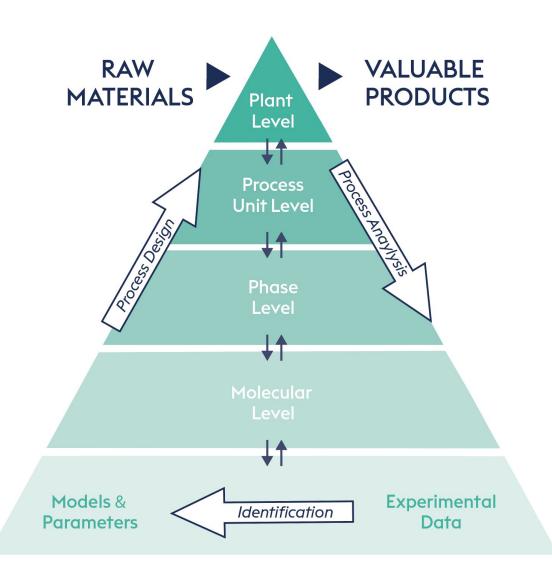
International Petroleum Industry Environmental Conservation Association





### **SORR Streamlined Prioritisation**

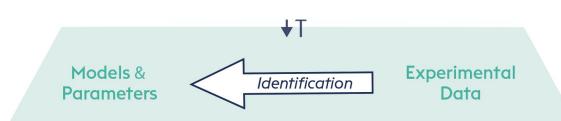




### **SORR Streamlined Process**



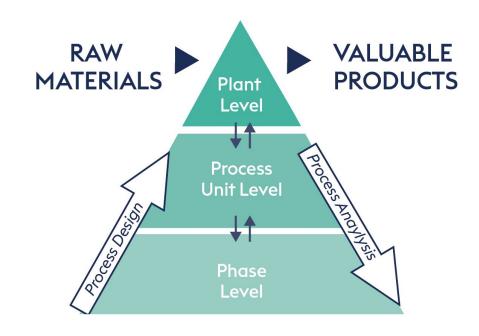






### **SORR Streamlined Prioritisation**







# Cost Conscious Solutions/Scalability

proximity to operations

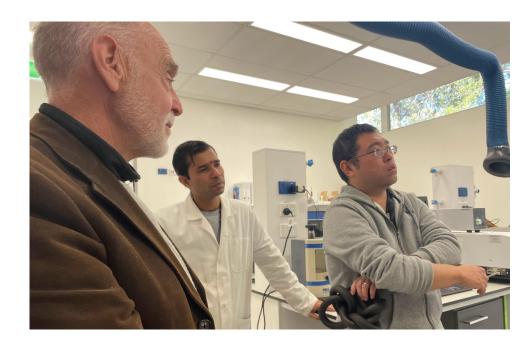


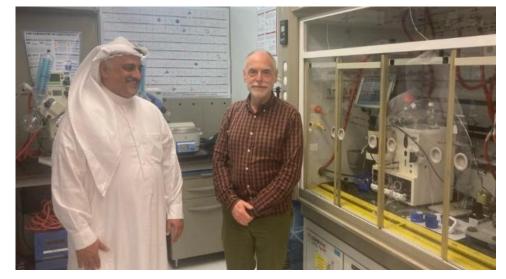
SORR's solutions are scalable across all tiers (1-3) clean up and containment incidents with minimal impact on sustainability or performance. large Tier 3 spill medium Tier 2 spill small Tier 1 spill 1000kg -> 1 MILLION LITRES OF OIL CAPTURED local regional remote current capacity ~16T/m, incl delivery to site

# **SORR Process Engineered**

SORR materials & process have inherent capabilities that allow industry-lead custom modification at scale.

We work closely with business partners to prove the *PROCESS ENGINEERING METHODOLOGY* to deploy the solutions to optimise effectiveness.













### 8 March 2024 - Saudi Arabia

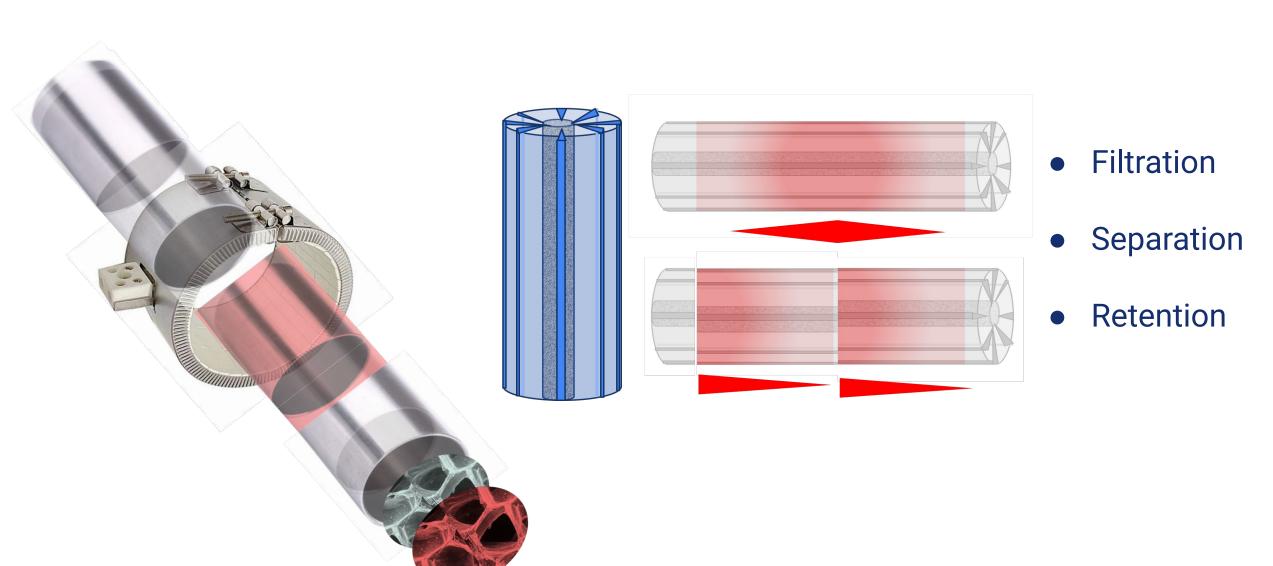




https://www.washingtonpost.com/national/2024/03/02/red-sea-environment-car go-ship-sinking-houthis/1c91e87a-d8d0-11ee-82ad-c2391b06a8f5\_story.html

# SORR P.A.G.E Proprietary Filtration





### The Sponge End Of Life Products





Captures hydrocarbons, heavy metals & PFAS



Collects data using AI for scientific analysis,tracking & identification of pollution source



Carbon Black



Hydrogen & Low Emission Fuels



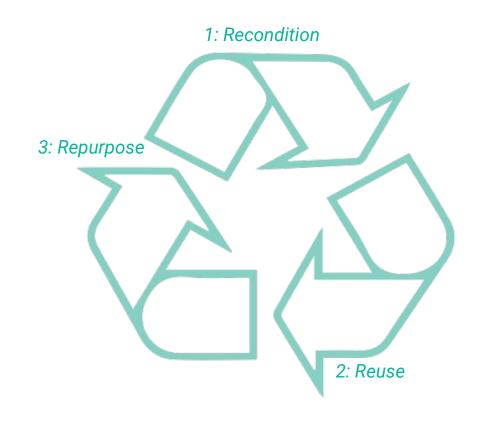
Sponge uncompressed ready for use



Sponge oil expressed and recovered oil

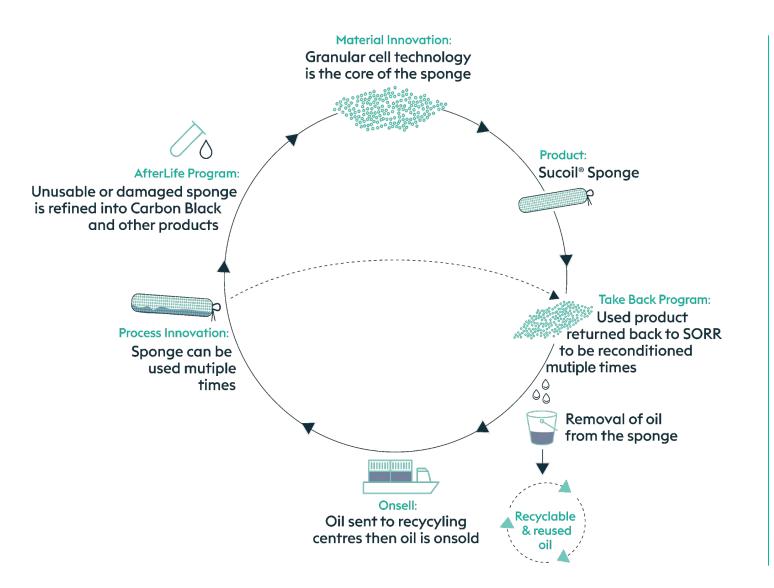


Sponge compressed to is minimal volume



# CODA - 100% Environmentally Sustainability







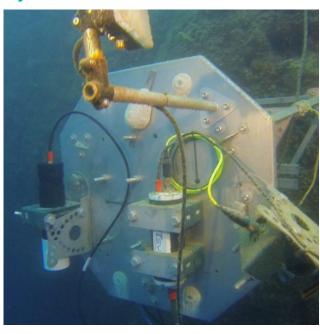
#### **Environmental Sustainability**

SORR is fully aligned with the UN Sustainable Development Goals (SDGs), focusing particularly on Goals 3/6/9/11/12/14.

# Partnerships with Industry Suppliers



### Sysense



Real time monitoring of underwater noise, salinity, turbidity and other water quality parameters indicates any impact that works have on local wildlife.

#### **Sentinus**



Various self-operating and remotely operated underwater systems for monitoring, subsea 3D modelling, preventative and predictive maintenance.

### **Imaging 4k Survey**



Time-lapsed recording or live subsea streaming in 4K & HD. Video Survey system with Digital Video Recorder and Overlay (DVR+O), 6000m Rated.



