



The Cooperation Of Oil Industry And The Response Community In Preparing For Major Oil Spills

About OSRL

An Industry Cooperative

The Pre-Macondo Era

1981



Set up OSSC

1984



Formed the
Gang of 5

1993



EARL
established

2000



Global Alliance
formed

2005



Global
Response
Network
developed

2006



Formal merger
of OSRL &
EARL

2007



OSRL base
set up in
Bahrain

2010



Macondo.

Change in industry demands.
OSRL prepare for significant evolution
of capability

Evolving response

2010

2011

2012

2013

2014

2015

1985
OSRL established

2016
Enhanced capability

Changing expectations

Decisive action

Restoring confidence

Implementation

Enhanced response capability

Change in Industry demands

Enhanced ICS

Aggressive recruitment

OSPRAG Capping Stack

3D Modeling

Broader staff skill sets

Coverage in Americas

Launch SWIS bases

Dispersant Stockpiles

Extreme weather capability

Aviation

Containment

Offset Installation

GOWRS

Enhanced SME's

A large yellow industrial rig, possibly a pumpjack or similar oilfield equipment, is being transported on a blue multi-axle trailer. The rig is mounted on a truck. In the foreground, a worker wearing an orange safety suit and a white hard hat stands with their back to the camera, looking towards the rig. The scene is set in an industrial area with a grey building in the background.



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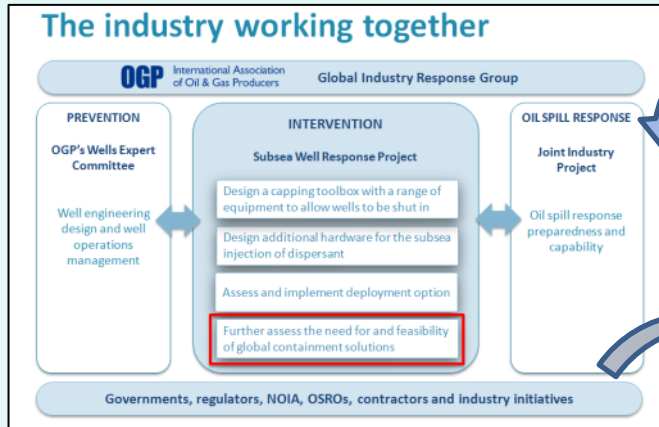


Oil Spill Response

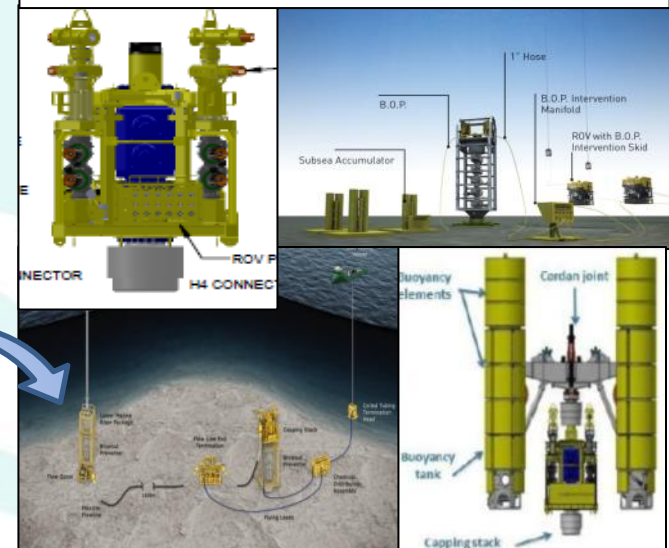
Example of Recent Collaborative Industry Initiative; SWIS

The Evolution of SWIS

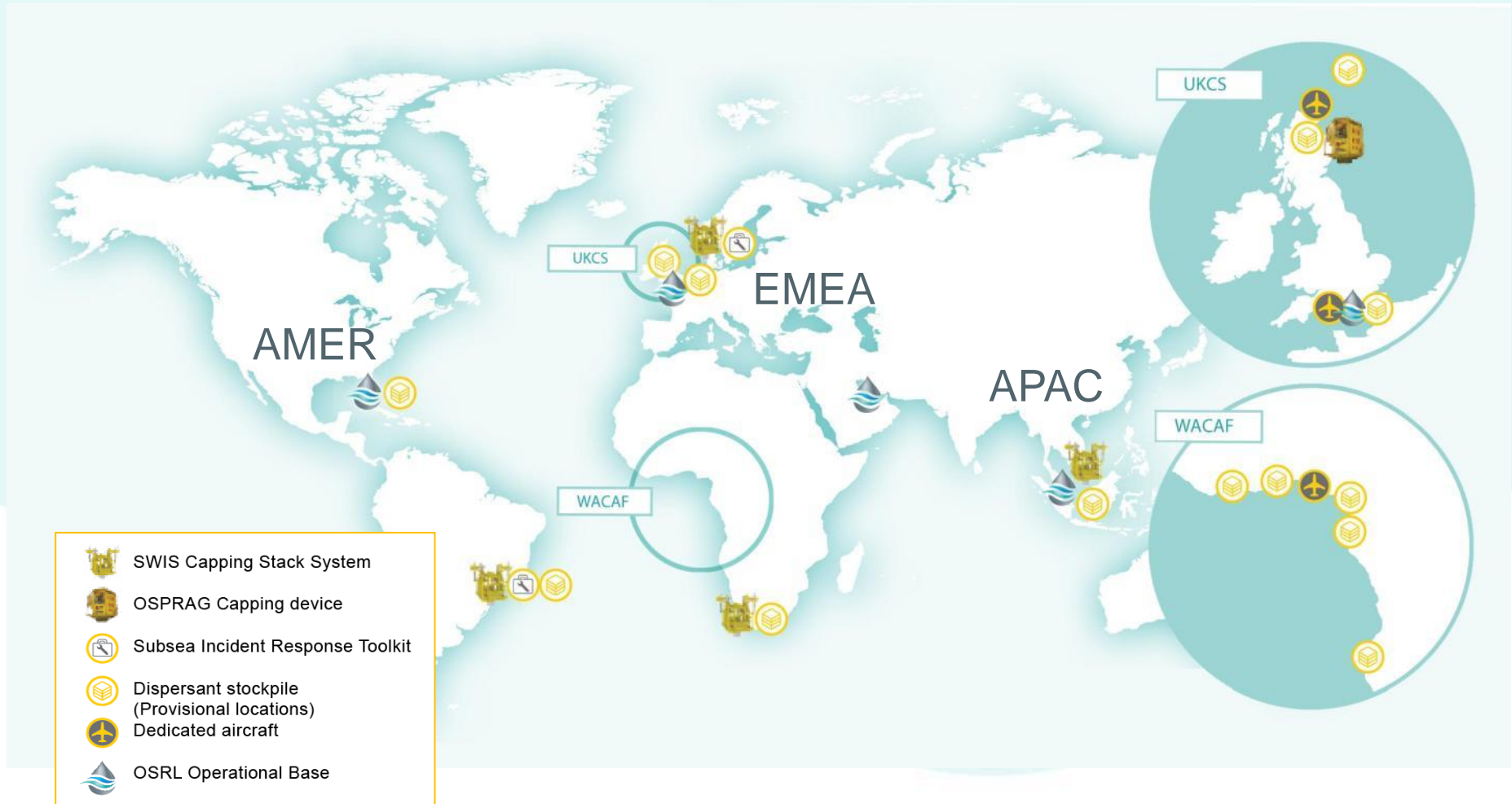
The industry working together



OSRL SWIS Division



Our global capability



Working Together

The Global Response Network

- The Global Response Network is a forum for oil spill response organisations to improve their individual performance and effectiveness by:



- fostering strong collaborative relationships amongst Members;
- establishing functional teams to exchange operating information, response techniques and share good practice; and
- assisting oil companies and other stakeholders to enhance industry standards for spill response

Global Response Network

GRN Operational Teams

- GRN Operational Teams comprise subject matter experts from key functional areas of response, and provide a forum for exchange of information:
 - Dispersants
 - In-situ Burning
 - Remote Sensing
 - Ice-covered Waters
 - Shallow Water / Onshore
 - Offshore

Operational Team (OT) Objectives:

- Enable activation of OT members to provide subject matter expertise for the lead GRN OSRO responding to the spill - or the spilling party.
- Maintain an inventory of dedicated response resources available worldwide from among the GRN Members.
- Exchange information, good practice, and shared learning in the dedicated operational function amongst members of the OT.
- Maintain linkages to industry initiatives and provide input as requested and endorsed by the GRN Executive Committee.
- Work to promote and improve industry standards.
- Report on status of objectives twice-yearly to the GRN Executive Committee

Industry Technical Advisory Committee

- ▶ ITAC has existed as an industry forum for more than 20 years but following the Macondo incident it was re-profiled with the aim of providing a platform to bring together a broad group of invited stakeholders to share knowledge and good technical practice to enhance response to oil spills.
- ▶ ITAC now convenes face-to-face meetings annually at different regional locations, which reflect its global membership

ITAC

► ITAC brief

- The brief of ITAC is to share knowledge across the response community, recognising that while many stakeholders are involved in, or affected by the ongoing technical developments, few actually have the broad overview of the wide range of projects that are taking place.

► A broad church of representation;

- Oil and Gas industry
- Response community
- Academia
- Other scientific and technical organisations

Regional Industry Technical Advisory Group (RITAG)



中海石油环保服务(天津)有限公司
China Offshore Environmental Service Ltd.



Korea Marine Environment
Management Corporation



Oil Industry
Environmental
Safety Group
Association



Oil Spill Response

RITAG

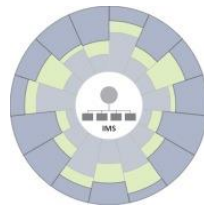
- The philosophy of the RITAG is to provide a platform for response organisations in Asia to share technical knowledge, oil spill response experience, best practices, promote the industry's “Integrated Tiered Response Philosophy” and facilitate cooperation between its members.



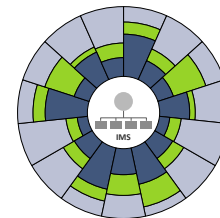
TIER 1



TIER 2

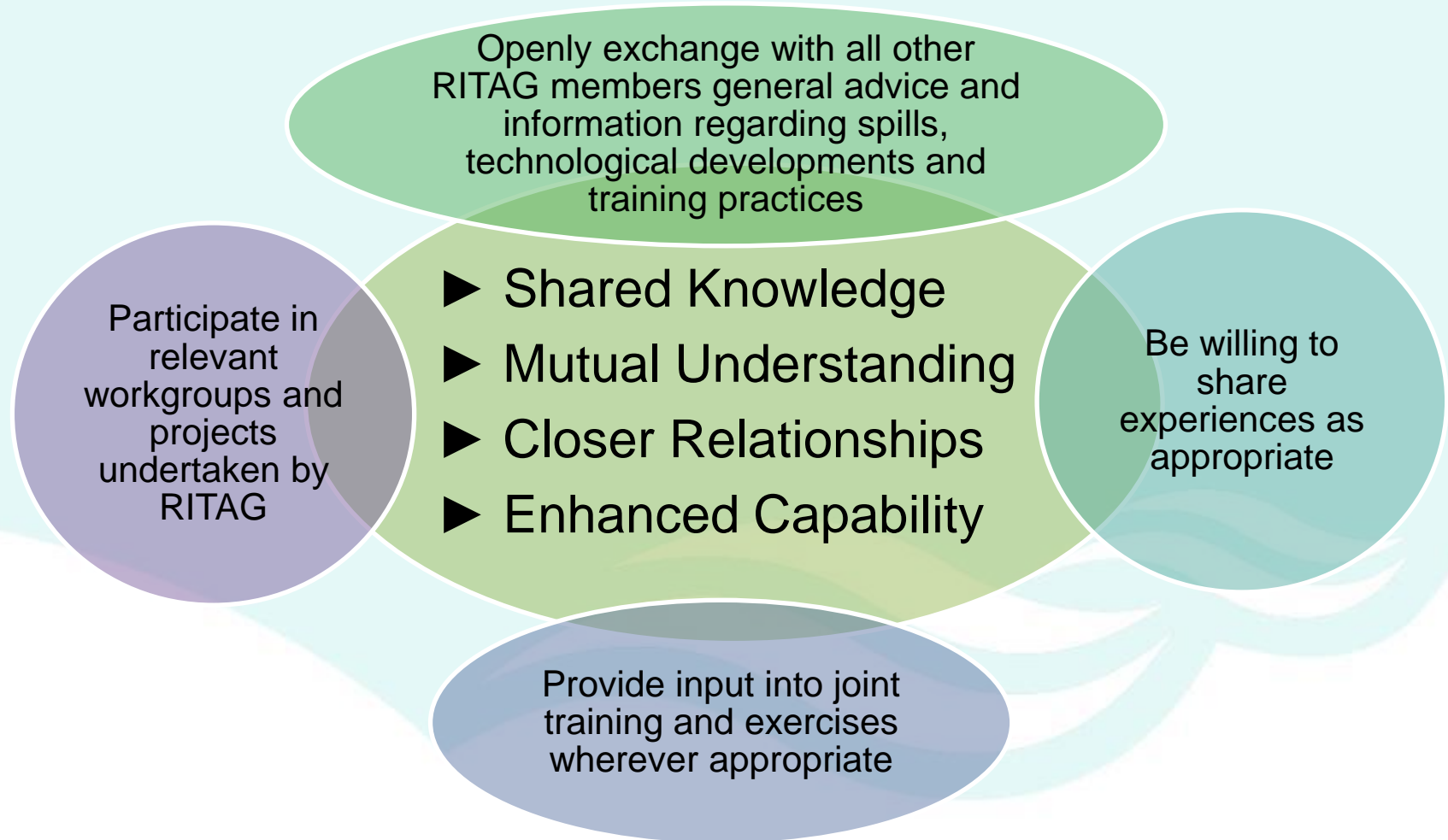


TIER 3



INTEGRATED
TIERED
RESPONSE

Key Aspects of RITAG



Regional OSRO Bilateral Agreements



- Benefits;
 - Sharing of information
 - Combined training and exercises
 - Collaborative response effort
 - Enhance capability

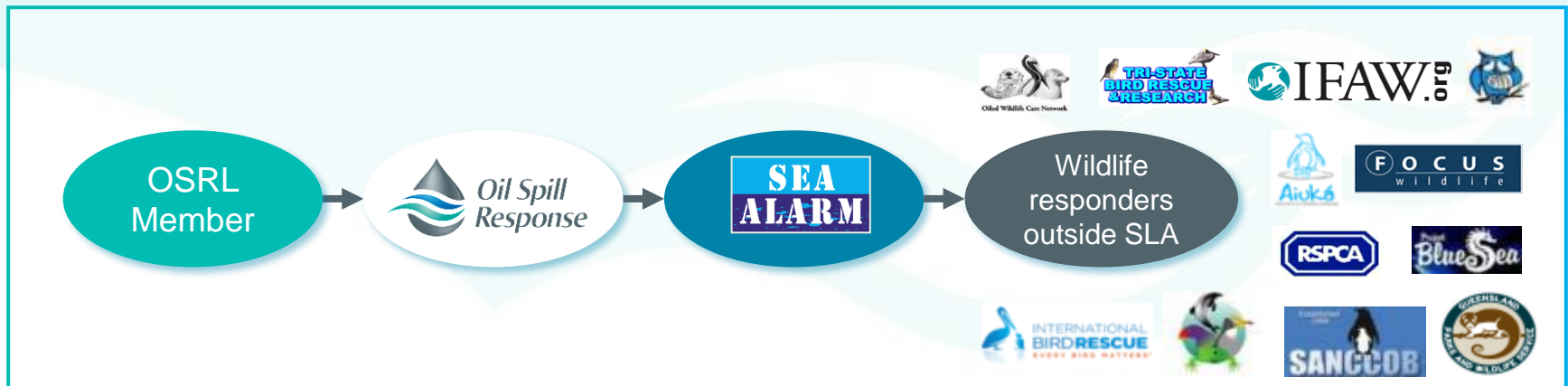
Wildlife Response

Preparedness, Response, Advocacy



- 24/7 response advice
- Access to experts
- Equipment at OSRL bases

- Wildlife response planning, training and exercises
- Advocacy



Global Oiled Wildlife Response System

JIP Phase 2 Funded

- The overall aim of the GOWRS project is to scope and design a true and robust global oiled wildlife response (OWR) system

The purpose:

- Access to 24/7 services for tier-3 oiled wildlife response across the globe
- A team of qualified wildlife response experts are ready to assist with the early stages of a developing oiled wildlife scenario
- The highest industry standards for oiled wildlife rehabilitation and protection are maintained and made available and applied during responses.
- The developed industry standards will be used to train oil industry personnel, governments, wildlife responders in all parts of the world and increase global wildlife response capabilities



Working Together

Oil Spill Preparedness and Response





Thank You