



**OIL&GAS<sup>UK</sup>**

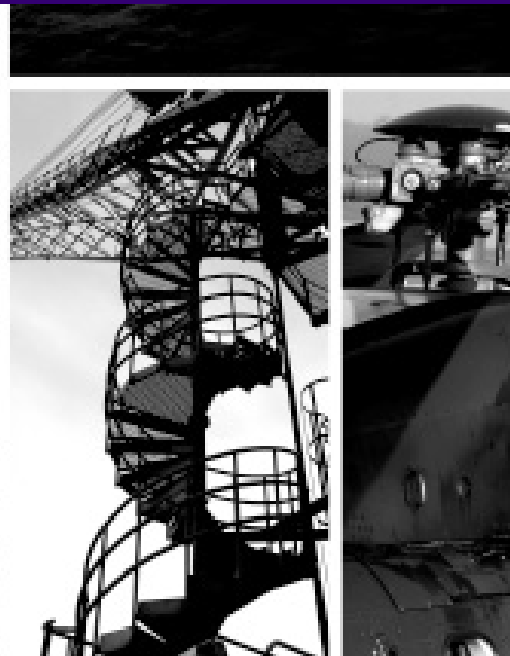
Principal Sponsor



Supporting Sponsor



# The Oil & Gas Technology Centre



Sir Ian Wood

*Chairman*

The Oil & Gas Technology Centre

Technology Transfers



@oilandgasuk  
#OGConf16

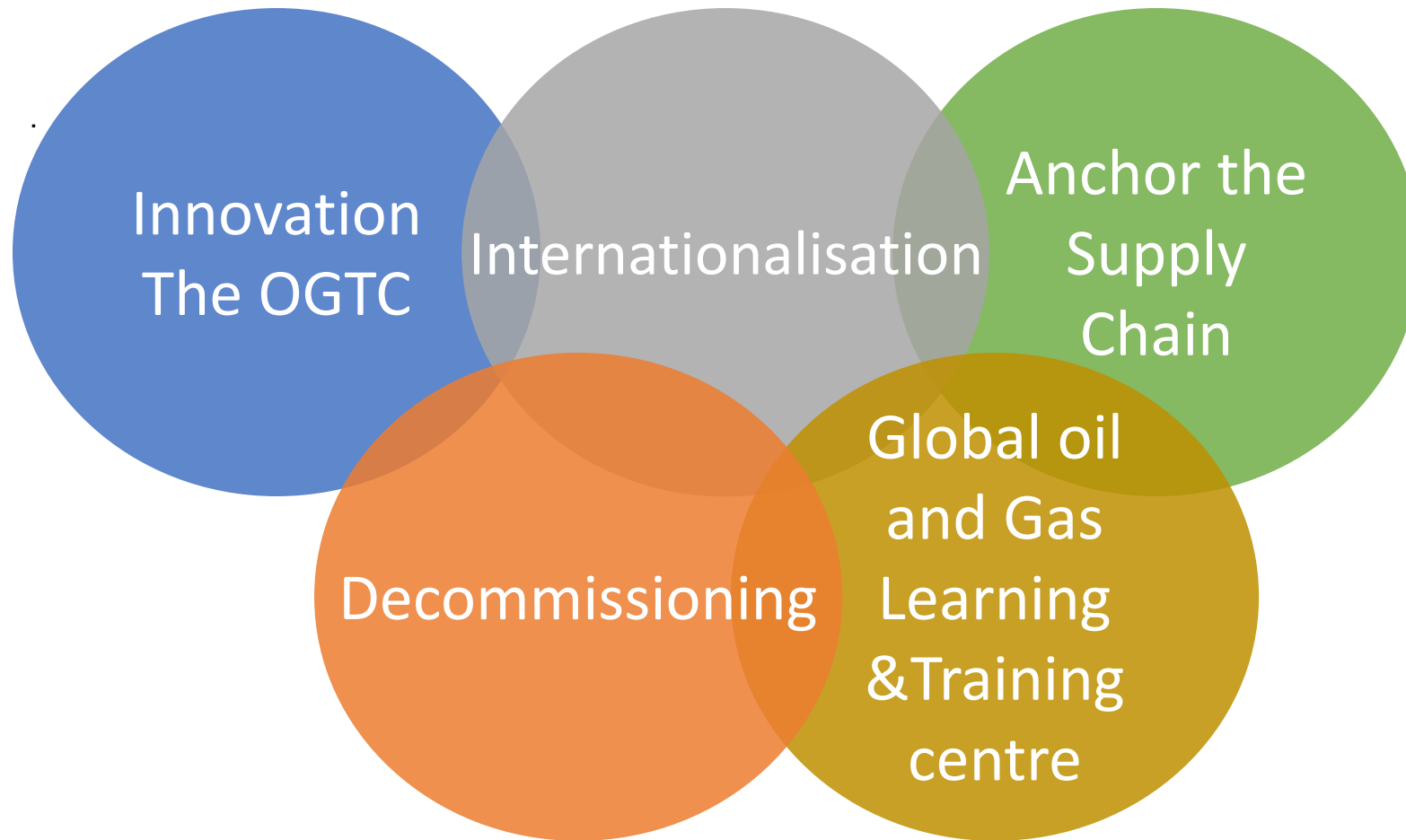
# Oil & Gas UK Conference

15 June 2016

The Oil & Gas Technology Centre  
(OGTC)

Sir Ian Wood, Chairman, OGTC

# Oil & Gas



# The Oil & Gas Technology Centre

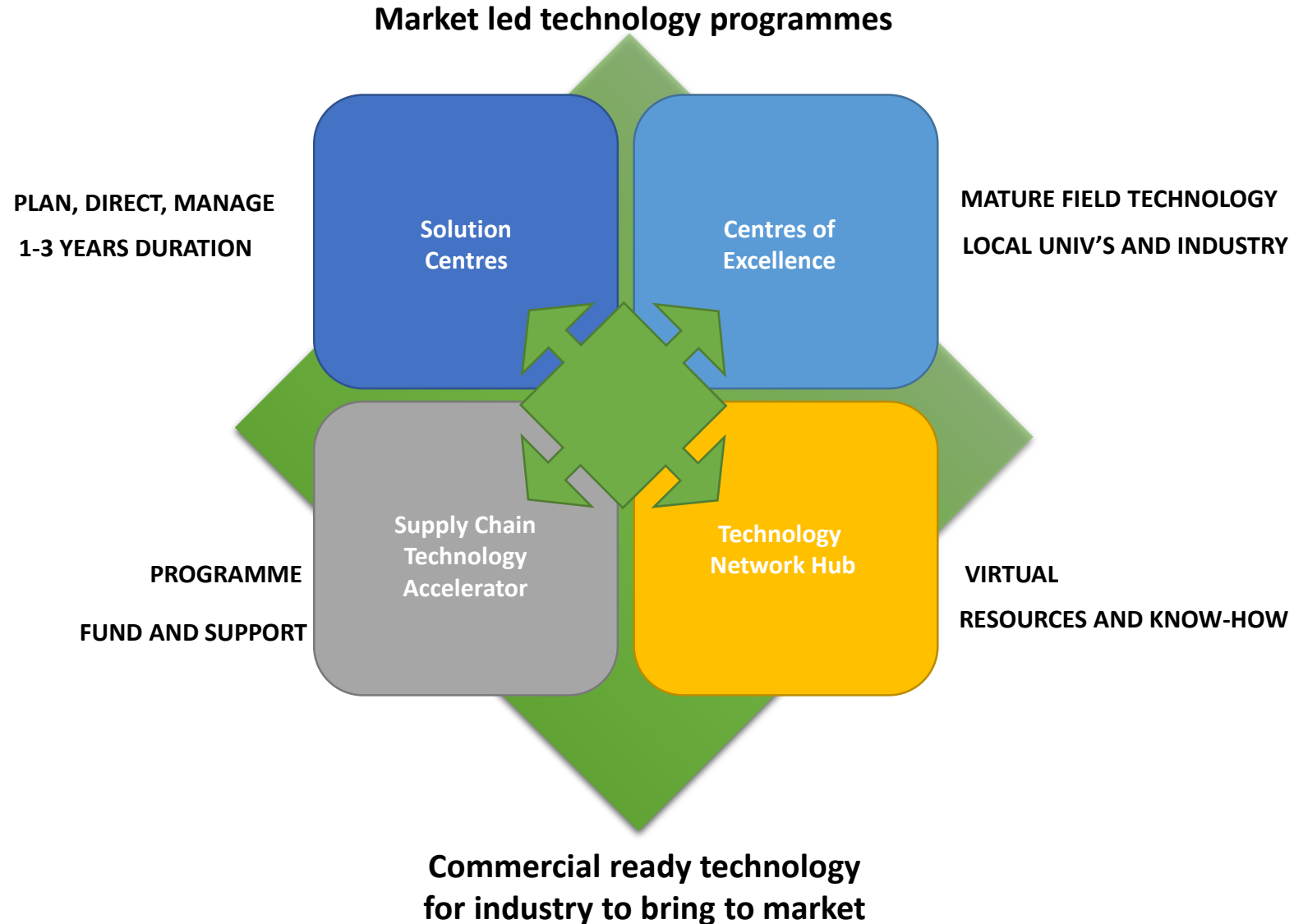
Members	Nominated Board Members	Alternates
OGA	Andy Samuel	Angela Seeney
TLB	Angela Seeney	Paul White
OGUK	1. Ray Riddoch 2. Elisabeth Proust	Mike Backus
Robert Gordon University	1. Prof Paul de Leeuw 2. Prof Paul Hagan	
Aberdeen University	1. John Scrimgeour 2. Jeremy Kilburn	Prof John Paterson
Scotland's Oil & Gas Industry Leadership Group	Melfort Campbell (board invitee)	
Scottish Enterprise	Maggie McGinlay (board invitee as observer)	Jim Watson
SME Supply Chain	Mike Fleming (board invitee)	
MER UK Supply Chain, Exports & Skills Board	Neil Sims	
ONE Oil & Gas	1. Sir Ian Wood 2. Archie Kennedy	
Chief Executive		
Appointed by the Board		

# THE OGTC – VISION

- One of the top three centres globally for innovation and technology development in subsea production, mature basin asset management, maximising economic recovery, and ensuring decommissioning excellence.

# The Oil and Gas Technology Centre

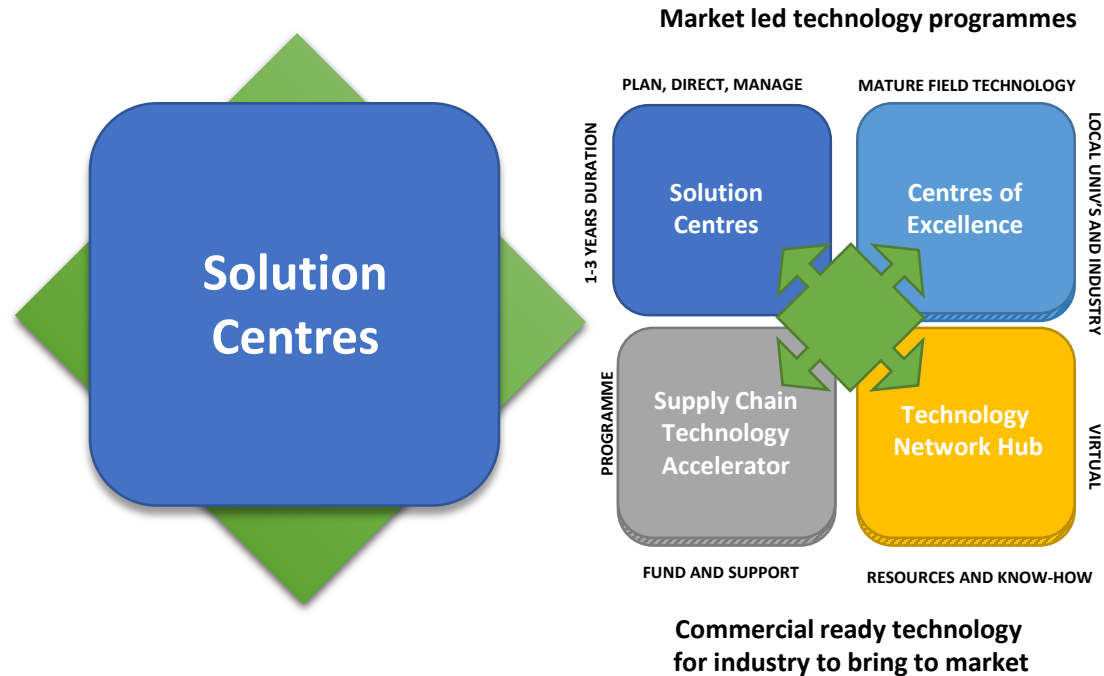
The “go to” global centre for solving offshore mature basin, subsea and decommissioning technology challenges



# The Oil and Gas Technology Centre

Solution Centres working on mature field challenges

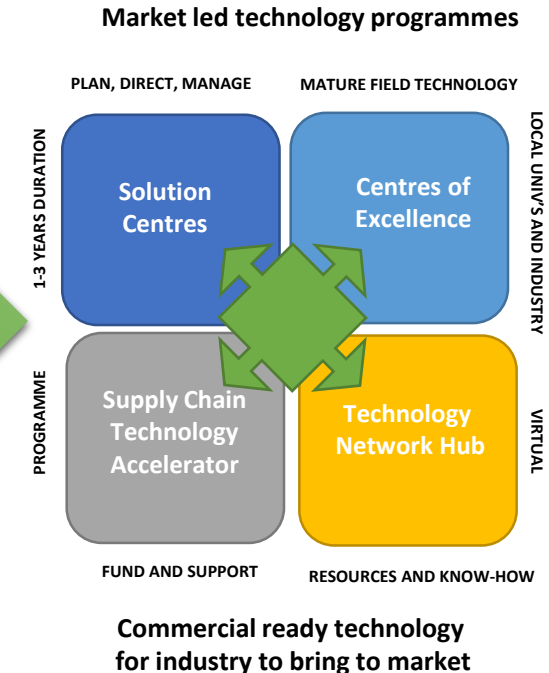
- Take forward TLB MER theme led programmes - initially well construction, small pools, mature asset integrity, decommissioning
- Use adopt, adapt and develop principle
- Support Operators developing their specific field technology plans & deployment



# The Oil and Gas Technology Centre

Globally recognised centres of excellence

- In-house capability team to work with the 2 local universities and industry on the development of globally recognised centres of excellence
- Could be developed from Solution Centres
- Could be developed with private sector collaboration e.g. subsea at Westhill
- Scope includes mature basin Subsea, Robotics, Big Data, Subsea Flow Assurance, Composites, EOR, Decommissioning...

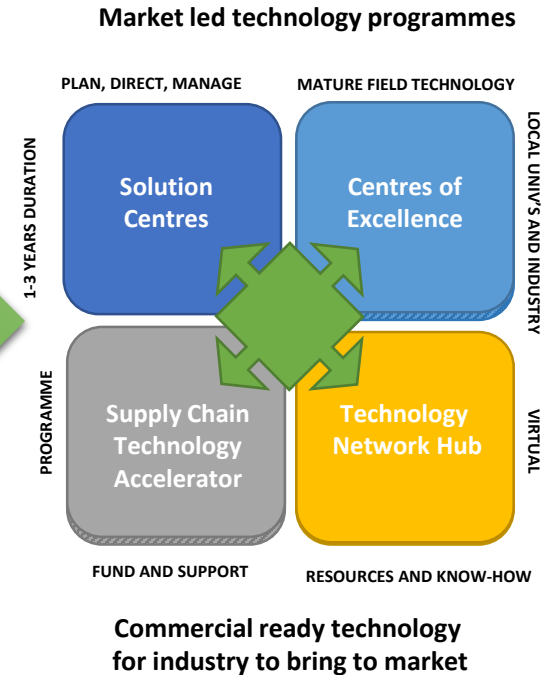




# The Oil and Gas Technology Centre

The mature basin technology hub

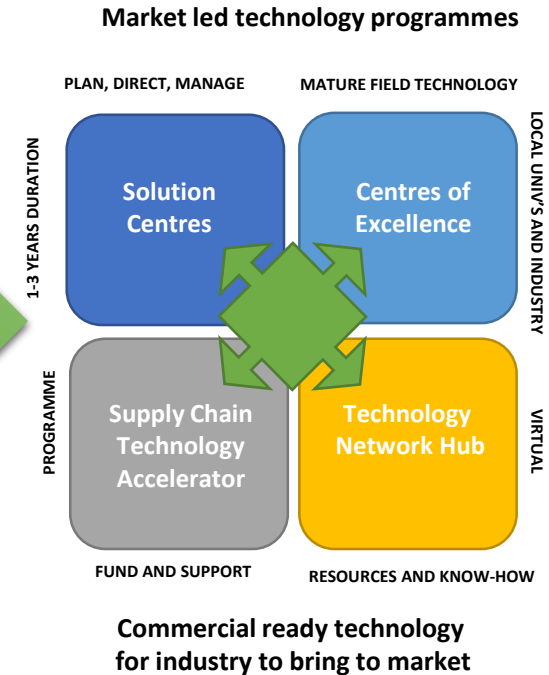
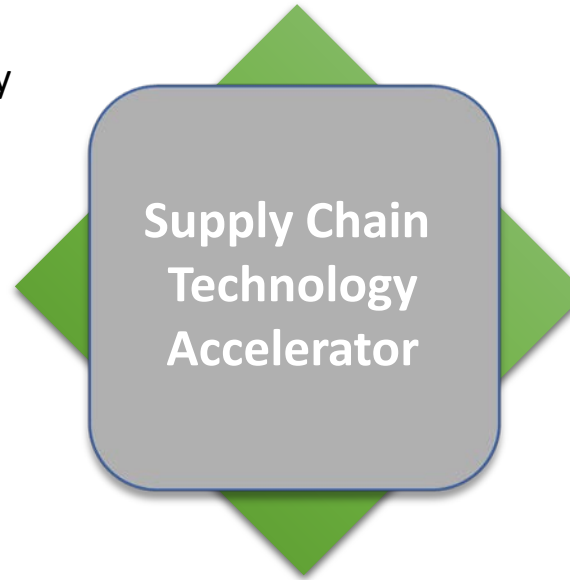
- Highly networked into other UK and global oil and gas CoEs and related disciplines
- Potential to incorporate some Catapult Centre activities
- Contribute significantly to Solution Centres and Accelerator projects



# The Oil and Gas Technology Centre

Building momentum and technology in the supply chain

- Stimulate and accelerate supply chain innovation
- Facilitate a substantial increase in supply chain demand led R&D into mature basin needs
- Facilitate working with Operators and service companies, arranging test and deployment opportunities
- Provision of incubator facilities



# The Oil and Gas Technology Centre

The “go to” global centre for solving offshore mature basin, subsea and decommissioning technology challenges

- Experienced management team, circa 30 staff – Technical, IP, Commercial, Legal, Marketing, HR and Finance
- £180m public sector funding over 10 years; private sector matched funding, but more in later years, including in-kind contributions
- Facilities – laboratories, specialist plant and equipment, testing facilities and incubator space
- Clients – Operators and supply chain, including securing prominent industry anchor companies
- Where appropriate, facilitating financing and commercial agreements for collaborative technology projects

# NB. Early draft – work in progress

## 10 year financial plan

OGTC DEVELOPMENT									
£m									
		<u>Cumulative</u> <u>10 year spend</u> <u>to Mar 2026</u>	<u>Funding source</u>					<u>% of</u> <u>Total Funds</u> <u>Utilised</u>	
			<u>Public</u>	<u>Private</u> <u>Operators</u>	<u>Private</u> <u>Supply</u> <u>Chain</u>	<u>Others</u>	<u>Universities</u>		
<b>1. Solution Centre Projects</b>									
<b>Public sector</b>		<b>81.9</b>	81.9						
<b>Private sector</b>		<b>104.2</b>		79.6	24.6				
		<b>186.1</b>	81.9	79.6	24.6	0.0	0.0	53%	
<b>2. Supply Chain Technology Accelerator</b>		<b>40.0</b>	20.0		10.0	10.0		11%	
<b>3a. Centres of Excellence - people</b>		<b>34.0</b>	17.0			8.5	8.5	10%	
<b>3b. Centres of Excellence - equipment</b>		<b>50.0</b>	25.0			12.5	12.5	14%	
<b>3c. Digital Technologies</b>		<b>10.0</b>	5.0	2.5			2.5	3%	
<b>4. Technology Network Hub (Core)</b>		<b>7.0</b>	7.0					2%	
<b>5. Anchor companies and incubators (Core)</b>		<b>7.0</b>	7.0					2%	
<b>6. Overheads - staff (Core)</b>		<b>12.3</b>	11.8		0.3	0.3		3%	
<b>7. Overheads - other (Core)</b>		<b>5.4</b>	5.4					2%	
<b>TOTAL</b>		<b>351.8</b>	<b>180.0</b>	<b>82.1</b>	<b>34.8</b>	<b>31.3</b>	<b>23.5</b>	<b>100%</b>	

} 24%