

wood.

# Oil & Gas



Craig Melville  
Director of Business Development

Aberdeen, Scotland

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# We are a world leading consulting and engineering company across energy and materials markets.

**160+**

year history

**c35,000**

people

**60+**

countries

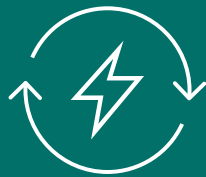
**c\$5.5bn**

revenue

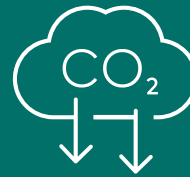
Unlocking solutions to critical challenges. Areas of expertise:



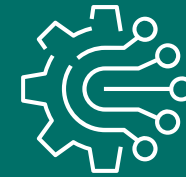
Energy Security



Energy Transition



Decarbonisation



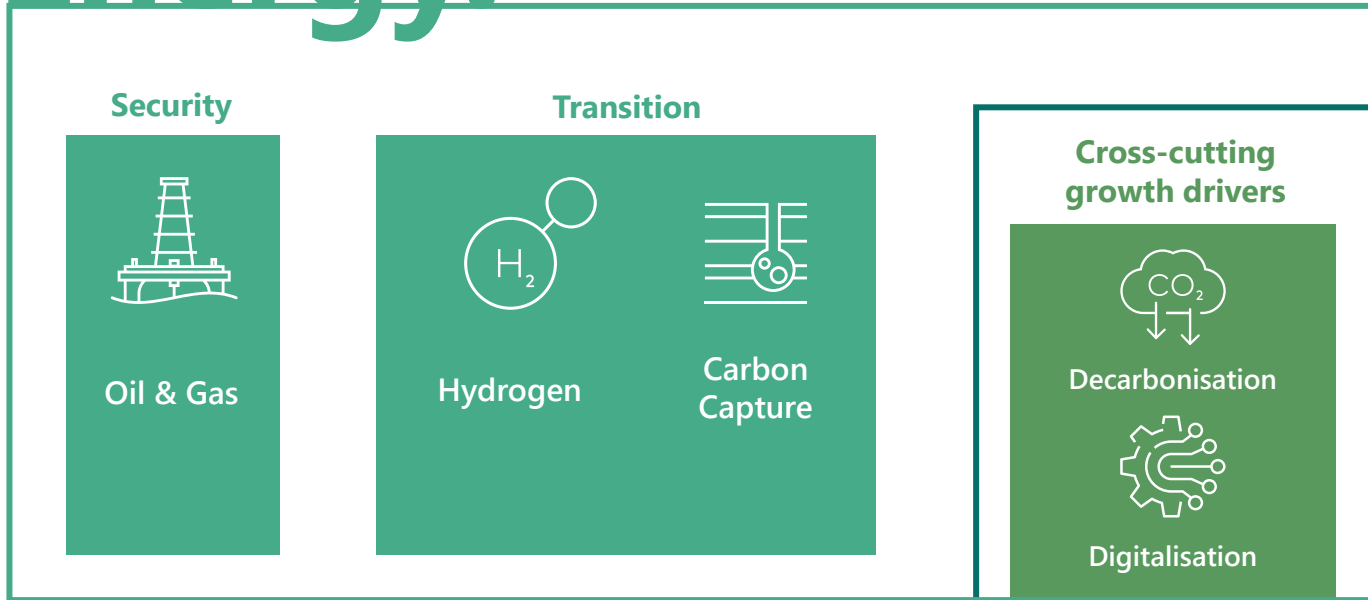
Digital Delivery



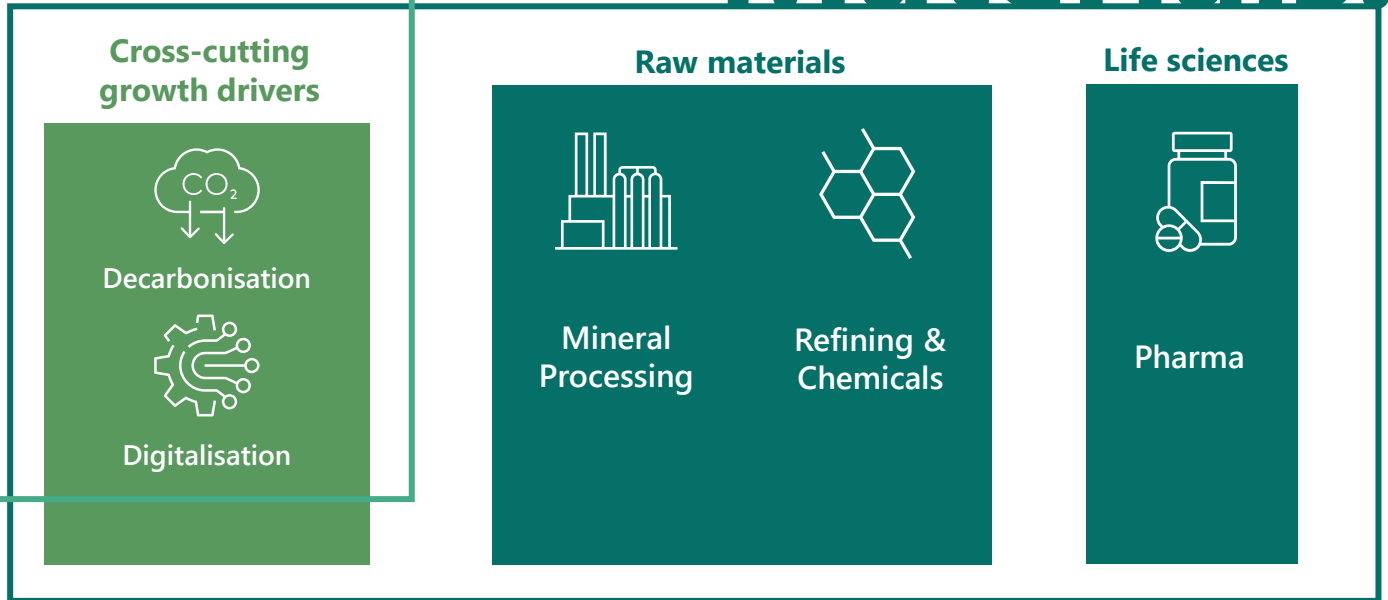
Circular Economy

# At the heart of Wood's growth strategy

## Energy.



## Materials.



# Plans.

# Energy Security

Wood continue to support the UKCS drive to produce cleaner energy from the basin. Our extensive tie-back experience locally, continues to secure and successfully deliver similar projects.

## Our role & responsibilities:

- Pre-FEED, FEED & EPCC Brownfield execution partnership, comprising topsides and subsea capability.
- Scope typically consisting PMBS, Production Tie-In, Chemical Injection, Gas Lift & Compression, Reception Facilities, Flowline & Umbilical, ESD. F&G, CMSS
- Cost & Schedule Risk Analysis
- Application of Lessons Learned to Optimise Delivery Performance towards Future Projects.
- Progressive Learning Demonstration & Benchmarking
- Supply Chain Performance Management



# Decarbonisation

Our clients are continually looking for opportunities to decarbonise operations, including electrification and flare gas capture.

## **Our role & responsibilities:**

- Economic evaluations to determine practicality of FGR implementation
- Design and build of fully or partially enclosed Flare Gas Recovery systems
- Full lifecycle experience, providing our clients an early Concept, Pre-FEED, FEED & EPCC Brownfield execution partnership solution
- Assumed ownership & accountability across the project phases & lifecycle
- Bringing construction and commissioning experience to the front end, we identify 'execution cost' differentiators
- Supporting our clients deliver their ERAP by designing their flare capture system, capable of reducing their routine flare emissions by 60%
- Application of lessons learned to optimise delivery performance towards future projects



# Digitalisation

Wood has experience across the entire asset lifecycle, providing capabilities to deliver digital transformation, underpinned by industrial domain knowledge and leading digital talent.

## **Our role & responsibilities:**

- Digital Twin
- Digital Roadmaps & Ecosystem Integration
- Design Build Operate Strategy
- Digital Ecosystem
- Quick ROI & Long-Term Gains
- Development & Deployment of Digital Technology
- Process Optimisation & Life Extension
- Asset Health & Decarbonisation
- Maximise Asset Performance, Manage Risk & Optimise Cost



# Challenges.



# Our Industry Challenges

Changing Workforce & Talent Retention



Ageing Assets & Life Extension



Supply Chain Capacity



Optimised OPEX & Operational Efficiencies



Environmental Focus



# Opportunities.

# Understanding Our Opportunities



# Final Remarks.

# Our Reflections

- ✓ Wood are committed to the region and the local supply chain
- ✓ Collaboration is key!
- ✓ It's an exciting time to work with, and for Wood



Contact

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**wood.**