The Energy Transition: Pivoting into and Investing in Emerging Sectors
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**Moderator**

Shaun Boardman  
Vice President  
Advisian Americas

**Panel Members**

- **Bob Reymond**  
  President  
  Oil, Gas, & Chemicals

- **Jon Goldsmith**  
  Managing Director of Business Development  
  Emerging Energy

- **Robert Danek**  
  Appraisal Management Lead  
  Projects, New Energy
SURVEY RESULTS – Respondents’ Representation from Industry

REPRESENTATION FROM INDUSTRY

- EPC Contractor: 41%
- Owner: 19%
- Sub-Contractor: 20%
- Technology Developer: 9%
- Supplier: 4%
- Other: 7%
- 19%
SURVEY RESULTS – Experience in Renewables

EXPERIENCE IN RENEWABLES

- Novice
- Beginner
- Intermediate
- Advanced
- Expert

Involvement Level

- 0
- 17
- 27
- 11
- 1
SURVEY RESULTS – Electric Vehicle Personal Use

ELECTRIC VEHICLE PERSONAL USE

- Currently 4%
- Within 5 years 15%
- Within 10 years 25%
- Never 56%
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The road is long, with many a winding turn...

**Process/energy efficiency**
Operate in energy and process efficient manner.

**Electrification & Renewable power**
As plant electrifies Scope 2 emissions can increase under conventional power. Renewable power integral part green H₂ economy.

**Hydrogen**
Green or blue hydrogen projects support production of low carbon fuels and support reduced carbon intensity products / feedstocks.

**CCUS**
Match sources of CO₂ against sinks; integration within industrial hubs. Only scalable solution to date.

**Renewable feedstocks**
Introduce Renewable feedstocks and low carbon-intensity products.

**Circular economy**
Integration of recycling processes within the supply chain.

**Oil to chemicals**
Conversion of oil to high value chemicals Decreases Scope 3 Emissions compared to fuels production.

<table>
<thead>
<tr>
<th>Efficiency Improvements / Processing Changes</th>
<th>Supply Chain / Circular Pathways</th>
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<td><strong>Scope 1</strong></td>
<td><strong>Scope 2</strong></td>
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<tr>
<td>Operational Efficiency</td>
<td>Utilization accountability</td>
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Panel Question 1:

What types of projects is your company investing in and why?
Panel Question 2:

What are the key challenges that our organizations and industry face?

Shaun Boardman

Robert Danek

Jon Goldsmith
Panel Question 3:

What are the key enablers for your organization to take advantage of the energy transition?
Final Thoughts:

Any closing thoughts?  
Where do we go from here?
Questions from Audience

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