State-of-the-Technical Discipline
HSE & Sustainability

Johana Dunlop, Blue Walrus Sustainability Strategies
SPE Board of Directors, Technical Director HSE
Community:
Advisory Committee – 30 + 20
5,000 current members
Potential:
13,500 no primary discipline
30,000 no secondary discipline

Shared strategic themes:
• Recognition
• Collaboration
• Integration
• Sustainability
• Communications & Engagement
• NextGen
• Knowledge Sharing & Career Development

Disciplines:
• Health
• Safety
• Environment
• Security
• Social Responsibility
• Sustainability

2018 Advances
1. International Conference 18HSE – Abu Dhabi
2. Integration – programming at technical events
3. Sustainability Award
4. Getting to Zero Technical Report and ongoing program
5. 3 Distinguished Lecturers
6. Presence on key standing committees
7. Community of leaders
8. Increase in JPT coverage
9. New events – Asia Symposium; Energy Summit; Gaia Summit

Advisory Committee & fabulous volunteers around the world
Key References:
- SPE Strategic Plan
- HSE Strategy
- Climate Strategy
- Technical Director meetings
- Compliance and Best Practices

Standing Committees
- Distinguished Lecturer
- JPT Editorial Committee
- Business Management & Leadership
- Young Member Engagement
- ATCE HSE Program Sub-Committee
- Books
- Energy Information

Other instances
- Awards – international & regional
- SPE Regional Events & Conferences — ATCE, ADIPEC, LACPEC, IPTC
- Gulf Coast HSE Study Group
- Energy Summit 2018 — new one day at MEOS
- Forum Series Implementation Sub-Committee
- Russia Workshop
- Asia Symposium
- Italy Section, HSE TD

Going Forward
- Operational Performance
- Measuring what matters
- Citizen Engineer

Leadership
How Will History View the Oil and Gas Industry? Nero or Marcus Aurelius?

Will we be cast as more Nero, fiddling whilst Rome burned...

...or more Marcus Aurelius, wed to reason and restraint?
“Exploration, development and production of oil and gas resources provide affordable energy that contributes significantly to well-being and prosperity. SPE encourages the responsible management of these oil and gas resources and operations including the appropriate management of social and environmental impacts and their related risks. SPE demonstrates this commitment by offering its members opportunities to train, share knowledge and advance practices for doing business in ways that balance economic growth, social development, and environmental protection to meet societal needs today and in the future.”

— Sustainability Definition Adopted June 2014 by SPE Board of Directors
Shifting World View — The Business of Business...

....is still business but Serving Societal Needs Profitably
STRONGEST OPPORTUNITIES TO CONTRIBUTE

The scope and nature of typical oil and gas activities point to some SDGs where there are particularly strong opportunities to contribute.
Oil and Gas Contributions to Society

The industry contributes to sustainable development in a number of ways.

- Research and Development
- Investing in Communities
- Transport
- Infrastructure
- Tax / Revenue
- Petrochemicals
- Energy
- Jobs / Skills
Advancement of Sustainability in SPE – Source of Pride

Past: Responsibility programs driven by external stakeholders - a source of industry shame
Future: Sustainability programs driven by the industry for the industry and the planet – a source of industry pride

- Engineering Solutions for Sustainability Workshop in Lausanne
- Sustainability standing committee formed
- JPT President’s editorial
- Webinar series
- Board approves sustainability definition
- Proposal to develop sustainability training program for members
- Sustainability PetroTalks at HSSE-SR conference
- Sustainability speaker roster
- New subcommittees on “Metrics that Matter” and “Citizen Engineer”
- Sustainability award approved
- Proposal – Gaia Summit Measuring What Matters
- Climate Strategy
- 3 DLs
- MOU IOGP & IPIECA
- Webinar Program

- First Sustainability Panel at ATCE
- Task force on sustainability formed
- Two day training program on Sustainability Imperative developed
- Sustainable Development Technical Section formed
- Three workshops on sustainability
- Sustainability Imperative training
- French Section conference on climate change
- Climate change strategy approved
- 20HSE
- Sustainability Award
- 19ATCE
- Bahrain Energy Summit
- Gaia Summit with AAPG & AGI?
- AIST M&R4
- External Engagement
- Sustainability Award
- DL
Information Management: A Proposal

Abstract

This proposal concerns the management of general information about accelerators and experiments at CERN. It discusses the problems of loss of information about complex evolving systems and derives a solution based on a distributed hypertext system.

Keywords: Hypertext, Computer conferencing, Document retrieval, Information management, Project control

“Vague but exciting...”
Acknowledgements / Thank You / Questions

HSE & Sustainability Advisory Committee
Climate Change Advisory Committee
Events teams
Volunteers everywhere