

24–26 September 2018 Dallas, Texas, USA Kay Bailey Hutchison Convention Center

State-of-the-Technical Discipline HSE & Sustainability

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Community:

Advisory Committee - 30 + 20

5,000 current members

Potential:

13,500 no primary discipline 30,000 no secondary discipline

Disciplines:

- Health
- Safety
- Environment
- Security
- Social Responsibility
- Sustainability



Shared strategic themes:

Recognition



Collaboration

• Integration

Sustainability



- NextGen
- Knowledge Sharing & Career
 Development

2018 Advances

- 1. International Conference 18HSE – Abu Dhabi
- 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
- New events Asia Symposium; Energy Summit; Gaia Summit



🔊 🛛 HSE & Sustainability at SPE - view forward 🛛

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





TR)

2018 2019 2019 2018 Conferences & Workshops January: Human Factors Technical Russia HSE Workshop Section Workshop with NAS 2020 Asia Regional Symposium January: Health Discipline Workshop US Western Region Conference March: Getting to Zero Technical ○ Total Worker Health Report [SPE-191770-TR] 2020 Events: April: #18HSE, Abu Dhabi – April Safety Leadership Program #20HSE – tbd – 2021 2017 June: two features in JPT ○ #19ATCE – new HSE program March. Bogota with June: Approval of new Sustainability approach LACPEC HSE Strategy MEOS – one day Future of Energy Award IPTC. Saudi Arabia Near Miss Workshop Measuring what Matters – Gaia 2021 20ATCE June: Regional Awards Denver Circular 2016 Summit Gaia Summit August: HSE in Drilling Operations ATCF Economy Symposium Communications & Engagement #16HSE -- Regional August: Safety Leadership Training Getting to Zero IPTC Saudi Arabia • 4 JPT features + August edition Stavanger Workshops pilot with CEDEP Technical Report Gaia Summit Ongoing HSENow and JPT Online 16ATCE – August: Petroleum Faculty Heads SPE Climate Strategy Regional SPE Connect • Sustainabiilty August: JPT HSE Edition approved Workshops Webinar Program Special Session on 17ATCE: Sustainability September: Europe Region YP Publicatons Gender Diversity Special Session on Engagement event Communications Near Miss SDGs HSE Program September: Launch new workshop with Sustainability Award at ATCE New Technical Director BSEE Johana succeeded September: ATCE: TR: Assessing the Trev on October 5 for Getting to Zero Processes, Tools, 3-vear term Measuring what Matters and Value of Process Safety Cross September: JPT feature Sharing & Roads Learning from November: Offshore E&P ADIPEC – Getting to Zero Safety-Related Austin Enviro Workshop Data (SPE-182847-• Q4: three webinars – Health:

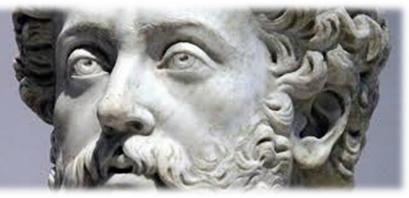
Climate: Non-Tech Risk

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?





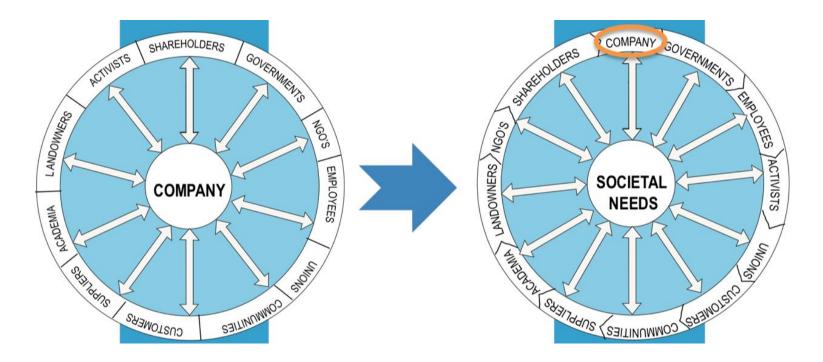
"Exploration, development and production of oil and gas resources provide affordable energy that contributes significantly to well-being and prosperity. SPE encourages the responsible management of these oil and gas resources and operations including the appropriate management of social and environmental 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



www.spe.org/sdts

Shifting World View — The Business of Business...

.... is still business but Serving Societal Needs Profitably





IPIECA - Oil and Gas Atlas to the Sustainable Development Goals

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.















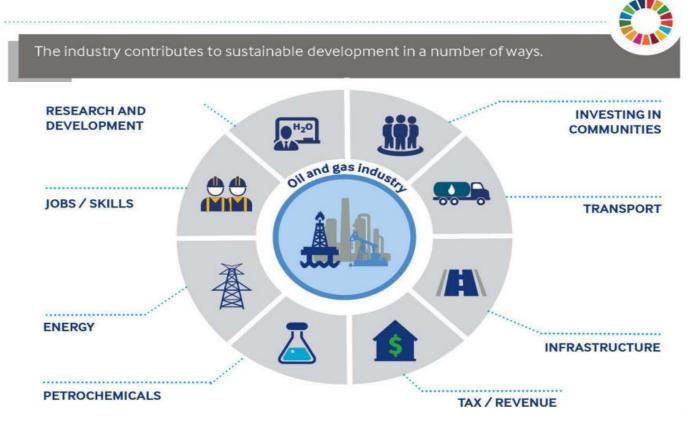






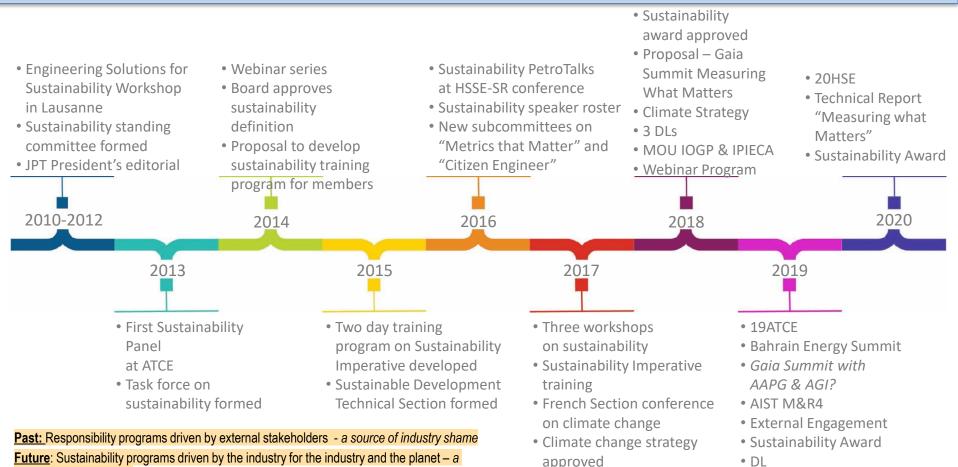


Oil and Gas Contributions to Society



Advancement of Sustainability in SPE – Source of Pride

source of industry pride



Vague but exciting ...

CERN

Tim Berners-Lee, CERN/DD

Information Management: A Proposal

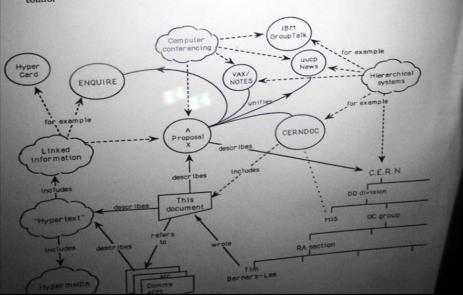
March 1989

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



