



# **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

## Disciplines:

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

## Shared strategic themes:



- Recognition



- Collaboration



- Integration



- Sustainability



- Communications & Engagement



- NextGen



- Knowledge Sharing & Career Development

## 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

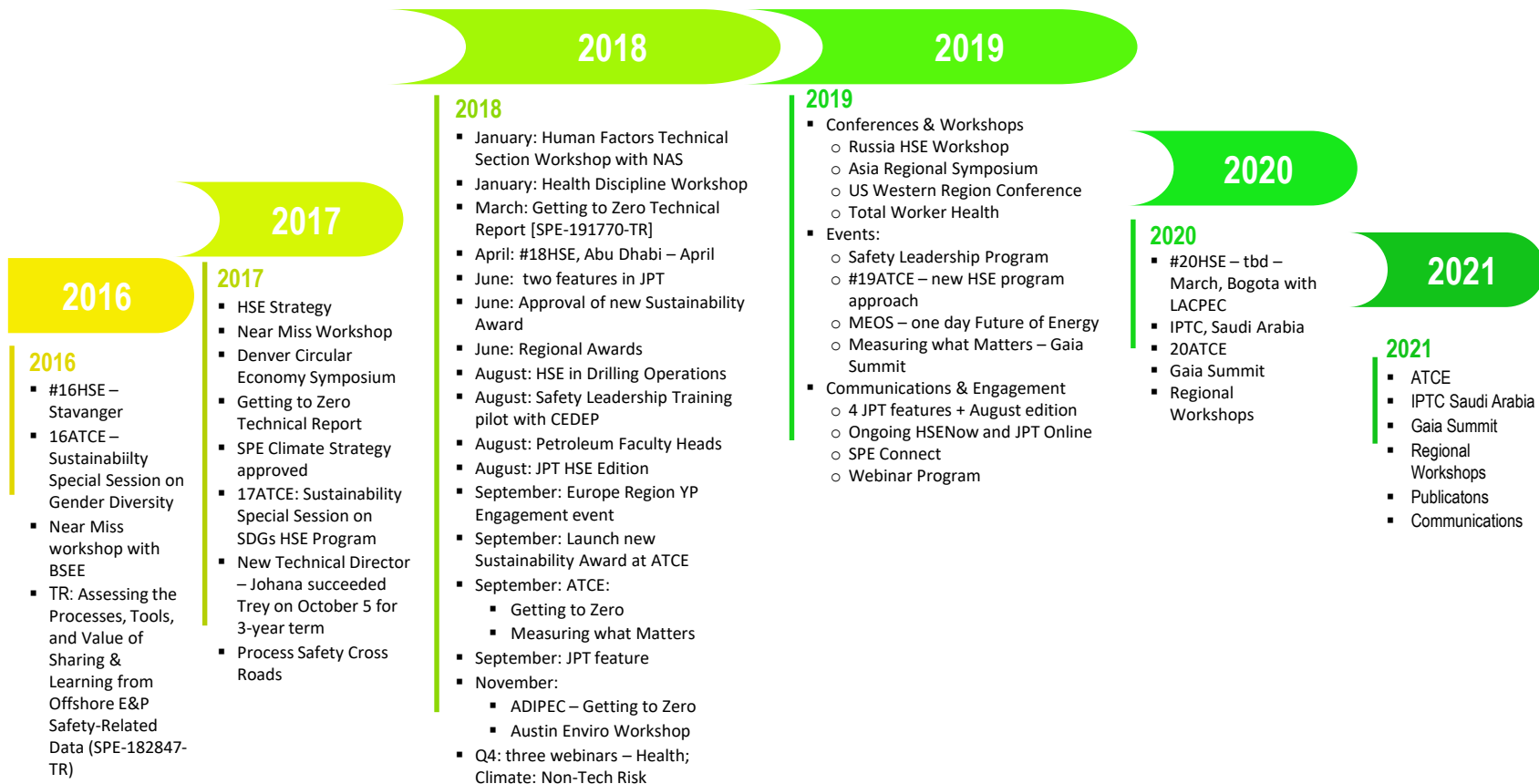


## Leadership





# HSE & Sustainability Program Plan — “Joined Up Model”

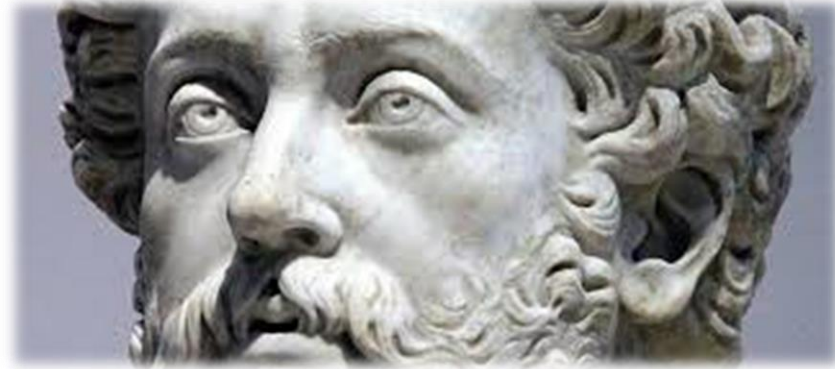


# How Will History View the Oil and Gas Industry?

## Nero or Marcus Aurelius?



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



...or more Marcus Aurelius,  
wed to reason and restraint?



# SPE's Sustainability Definition

“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.”

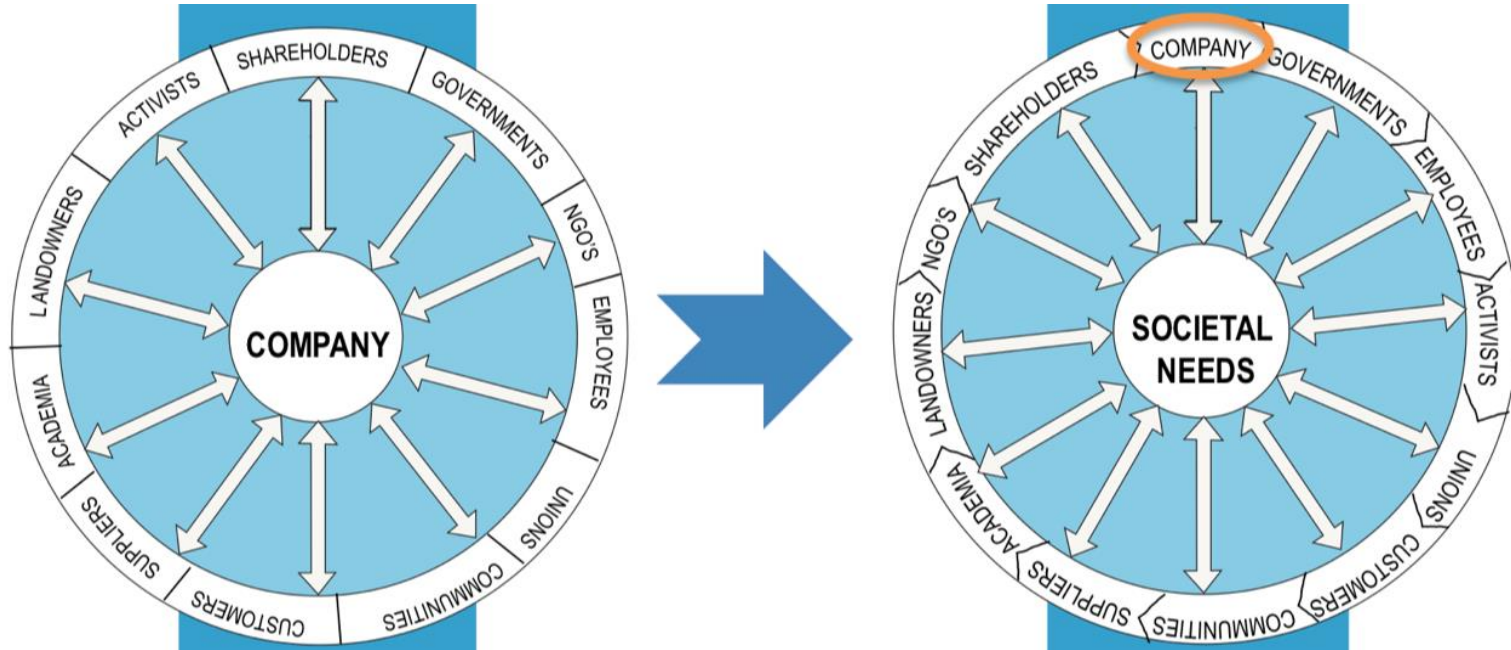
— Sustainability Definition Adopted June 2014 by SPE Board of Directors



## Sustainable Development Technical Section

[www.spe.org/sdts](http://www.spe.org/sdts)

....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.



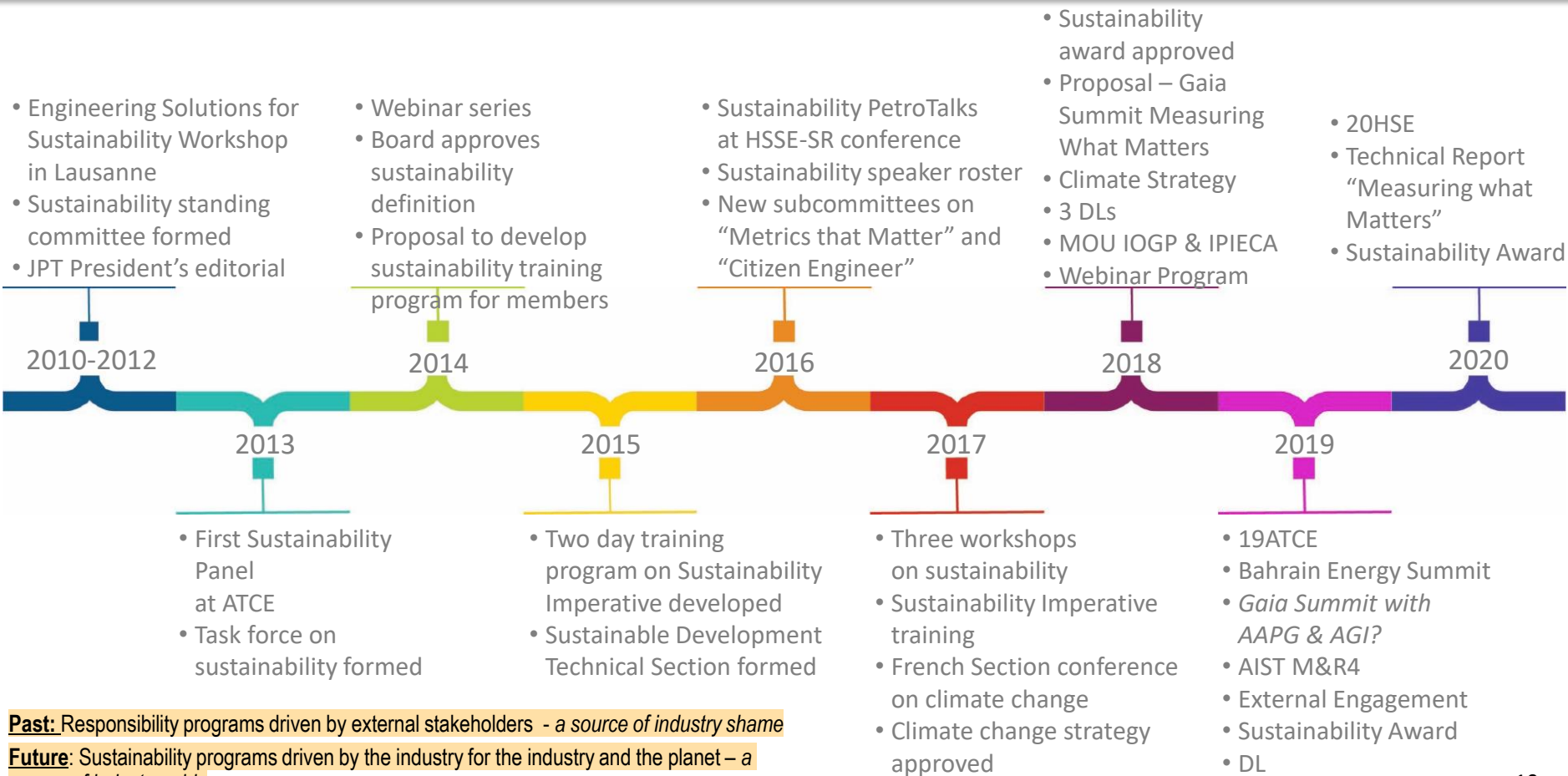


The industry contributes to sustainable development in a number of ways.





# Advancement of Sustainability in SPE – Source of Pride



Vague but exciting...

CERN DD/CC

Information Management: A Proposal

Tim Berners-Lee, CERN/DD

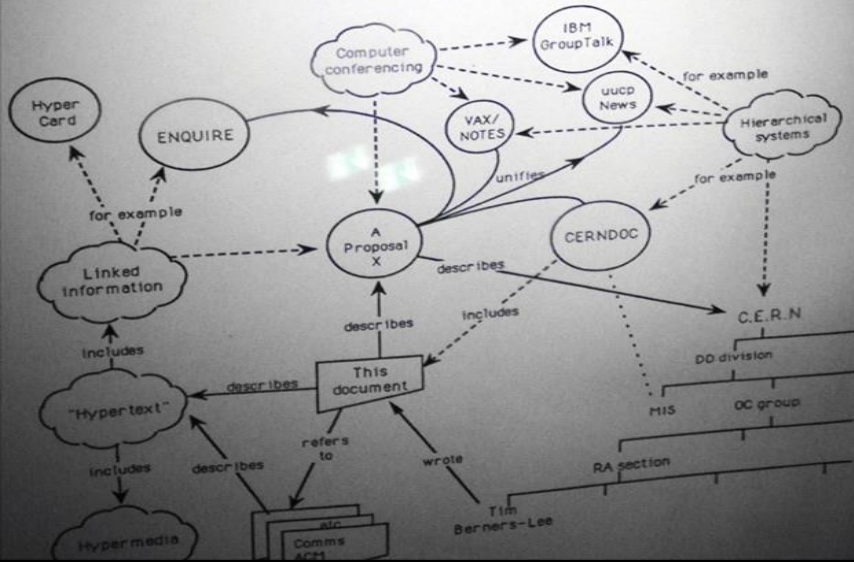
March 1989

## 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