



GAIA23 Sustainability Summit, Muscat, Oman

15th -16th March 2023



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SPE Gaia Sustainability Program

Co-created in 2019 by SPE Members for SPE members and near members The Gaia Program was designed by SPE HSE & Sustainability discipline volunteers and the attendees of the first Gaia Summit, to accompany fellow SPE members and near members in their transition toward the future where oil and gas is the center of a clean energy system with human-life and biodiversity thriving inside planetary boundaries. We want to make this ambition a reality.

We are systems thinkers who think like activists but act like engineers. Our goal is to shatter the sustainability glass floor and accelerate the operationalization of "strong" or "true" sustainability practices that respect planetary boundaries. We focus on four themes and two enabling behaviors, each thoughtfully selected because they present the greatest challenge, require unprecedented new learning, and integration of new voices and ways of understanding our life systems

We create and enable programming which reaches inside and outside SPE and is designed to empower learning and agency – masterclasses, study groups, workshops, conference panels, Gaia Talks on SPE Live, in SPE Sections and Regions, Sustainable Development Technical Section; Methane Technical Section and the flagship event – the SPE annual international Gaia Summit.



SPE Gaia: A Learning and Programming Framework to Empower Oil and Gas Professionals to Act as Change Agents to Deliver Energy Resiliency While Bringing Humanity Back Within Planetary Boundaries

Program Focus Themes



Transform the Energy System



Measure what Matters for Action & Impact



Enable People-Centered Transition



Regenerate Natural Capital





Engage and



Collaborate to Innovate





SPE Gaia Sustainability Program

Gaia Summits

"Empowering & enabling oil and gas engineers to align with true sustainable development"

Oil and Gas on the right side of history?

2019Fontainebleau, France



"moving needles, not just ticking boxes"

co-created the Gaia framework with all attendees

2022 Muscat, Oman



"shattering the sustainability glass floor"



"thinking like activists, acting like engineers"

It is widely accepted that humanity is not yet doing enough fast enough to reduce the pressure on the planet's carrying capacity—seven of the nine planetary boundaries are in breach according to the Stockholm Resilience Center. We are not thriving inside planetary boundaries and yet we could be, and we could whilst enjoying the benefits of oil and gas. That's our Gaia premise, that our industry has a future on the right side of history but only if we make the extraordinary advances and changes needed to restore balance to the planet. That's why we created the Gaia Program with its Gaia Summit at the core.

Our focus audience is those individuals who every day produce oil and gas to meet the world's energy needs, those who sit under the sustainability glass floor trying to make the top line, make the bottom line, not injure anyone and now save the planet too!. All are welcome but our priority is SPE members and near members and friends.

We run continuous programming through the year and once a year for 2-3 days we host the highly engaging SPE Gaia Summit attended by multinational, intergenerational, multidisciplinary, non-hierarchical mixed but largely oil and gas audience and thought leader speakers.

Hallmarks: Orchestrated facilitation; experience-based learning with self and own challenges at the center of the learning; bias for commitment to action and moving needles, not just talking; confident engagement with experts on Gaia topics that stretch our comfort zone; planetary boundaries as context; sustainability and systems thinking; framing tough questions; re-scaling, aggregation, collaboration, new models, new knowledge; non hierarchical, everyone is a speaker, agency building; network inside the event not on the margins; confident conditions to act our way into new thinking; safe & experimental space to convene divergent views and sources of new expertise.

Four technical themes and two enabling behaviors make up the core of the program – they are the areas where we all have most to learn and which are the most challenging to execute and manifest: Transform the Energy System—People & Technology; Measure What Matters for Action and Impact; Regenerate Natural Capital; Enable People Centered Transition; Engage & Listen; Collaborate to innovate



SPE Gaia Sustainability **Program**

Gaia Talks on

- SPE Live
- **Technical Sections**
- Geographical Sections

Gaia Talks — an on-demand library for members



- SPE Live
- Podcasts
- e-Sessions
- Firesides

See a listing of all Gaia Talk Events https://streaming .spe.org/?s=gaia

































23Gaia Summit Countdown

7 days prior to each Gaia Summit we start counting down with a focus on each program element and related background content

- G-7Countdown and Welcome to the third SPE Gaia Summit in Muscat, Oman
- G-6
 Sustainable Development: Systems risk, the big picture and why business is at the heart of the matter
- ► G-5 Fireside 1: Energy System Transformation
- ► Fireside 2: Natural Capital regenerate and innovate
- ► Fishbowls: Oil & Gas on the Right Side of History and Listening & Engaging
- ► G-2 Fireside 3: Measuring what Matters for Action & Impact
- ► G-1 The program, pre-survey and SPE Gaia on Linked In

- SPE President fireside chat with H.E. Salim AlAufi - Oman's role in the Energy Transition
- SDG 5: Achieve Gender Equality andempower all women and girls
- The Energy Transition confronts reality by Daniel Yergin
- Earth Overshoot Day 2023
- Platt's Periodic Table of Carbon Intensity 2023
- Bellona Foundation's report War & the Environment
- Sharing Humanity is Protecting Biodiversity video
- What is biodiversity?
- Natural climate solutions: high carbon stock ecosystems management
- Why OGCI is supporting natural climate solutions podcast
- <u>IOGP IPIECA Biodivesity and ecosystem</u> services fundamentals: A summary
- See a Fishbowl in action this one is on Health & Safety Culture hosted by Peter Day our faciliator at in the CEDEP dome where the first Gaia Summit took place.
 Backcasting by the Natural Step
- The Gamechanger's Playbook: How Oil & Gas leaders thrive in an era of continuous disruption.
 Stakeholder Theory - R. Edward Freeman The Oil and Gas Industry in Energy Transitions - Analysis - IEA -

Participants @ Gaia 23 Summit

Non-hierarchical, intergenerational, international, multi-disciplinary

ABDULKARIM ALSHASHAA ADILA AL ISMAILI AGNIESZKA PAWLAK

AMEERAH BOKHARI AMJED ALMARHOON

ANTOINE HALFF

CHOKRI BENAMOR

DARCY W. SPADY FATIMA KAJIOUI

FATIMA KAJIUUI

FLORA MOON
JORG BOGUMIL

JOCH C ETIME

JOSH S. ETKIND

KAMEL BEN NACEUR

KAWTHAR AL HABSI

KHALID AL ARAIMI

MAAN H. AL ASFOOR MOHAMMED AL MUATI

MUATAZ AL-AULAQI

PETER DAY

RALPH RETTLER

RICHARD COX

SAJA ALBALUSHI

SANGEEN AL BALUSHI

TARA KARIMI

TATIANA MITROVA

THURAYA AL MANDHARI

TOBIAS SEGGEWIß

ULRICH EMMER

WAFA SALIM ALHINAI

WALTER SIMPSON

ABBAS AL LAWATI

ABDULLAH ALADAWI

ABDULLAH MOHAMED

ABDULLAH AL NADABI

ABEER AL WAHAIBI

ADNAN AL DHAHLI AHMED MUQAIBAL

ALA ALZAYER

ALI AL LAWATI

ALMUNDHIR ALJADIDI

ASMA AL DARAI

BADER ALHARBI

BADR AL RIYAMI

BAYAN HEFZI

DARIA KARASLIHOVIC

DENIS BORODENOK

DR. NABIL AL BULUSHI EDWARD BRADBROOK

FAHMI DZULKIFLI

FATEMA ALFARSI

HAJER HAMOOD AL MAHRUQI

IBRAHIM AL-ALAWI

IBRAHIM FARID AL-MAHROUQI

JANA ALTURKI

JOHANA DUNLOP

JUSTINE ROURE

KAMIL AL LAWATI

KHALID THABIT

LAMYA HARUB

MAISSA SOUAYEH

MAZIN AL SHIDHANI

MOHAMED AL BUSAIDI

MOHAMED AL GHAMMARI

MOHAMED SHANFARI

MONA AL-ATTAS

MOUTAZ AL RIYAMI

MUHAMMAD ALMAJID

MUSTAFA AL AJMI

MUSTAFA AL LAWATI

MUZNA AL ABRI

NAIF RUBAIE

NARJIS MUSTAFA

NUSSAIBA AL HUNAIDI

OMAR ABDULHAMID

RAHMA ABDULAL

SALIH MERGHANI

SALMAN ALMUHAITEEB

SHAILENDRA RAJKUMAR SHAIMA AL LAWATI

STEVE PHIMISTER

TASNEEM AL LAWATI

THANAALLAH ALQURSHI

VIVIAN WOOD

YOUSEF AL MASHARI

YOUSUF AL OJAILI

ZAYANA SALIM AL BUSAIDI

ZEYANA AL YAZEEDI

No. of Registrants

86

No. of Companies

31

No. of Countries

11

Executive & Program Committees @ Gaia 23 Summit

Executive Committee

Chokri Benamor

Yousif Al Tahan

Yousuf Al Ojaili

Adbel Amir Al-Ajmi

Darcy Spady

Talal Al – Aulagi

Salih Merghani

Ulrike Schopp

Walter Simpson

Josh Etkind

Johana Dunlop













Program Committee

Nihal Mounir

Bayan Hefzi

Lamya Harub

Ameerah Bokhari

Agi Pawlak

Fateema Al Farsi

Suhail

Oumer Tahir

















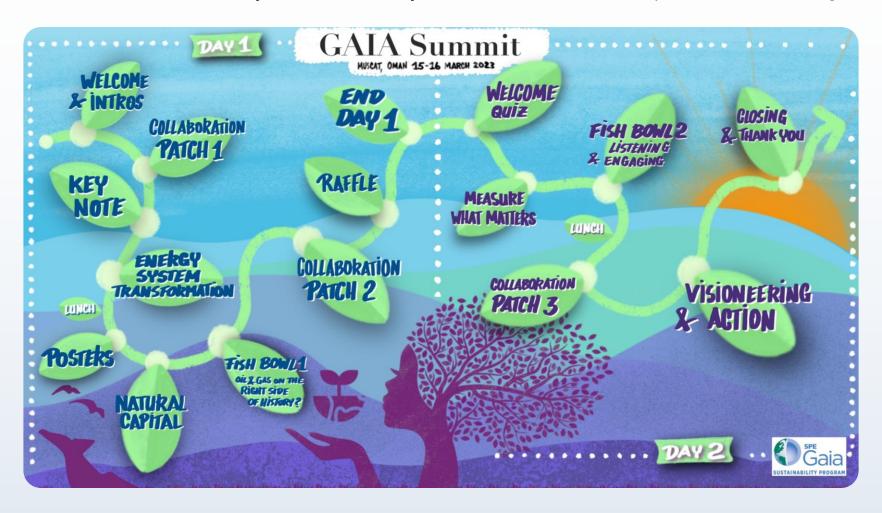
Facilitation Team

Jorg Bogumil Peter Day



Gaia 23 Summit Program

The two-day program was co-designed by Peter Day and the Core Committee: Chokri Ben Amor, Johana Dunlop, Josh Etkind, Nihal Mounir, Bayan Hefzi, Lamya Harub with critical input from the Program Committee



Design Overview

The Summit followed five design themes

The Gaia Summit is built by using key strategic workshop design elements, total facilitation and a Learning & Programming Framework, originally developed at the first Gaia Summit in 2019. Our framework has evolved and today is made up of six elements – four themes and two behavior or mindset enablers. These elements are deliberately chosen as those most complex to explore and most imperative to embrace if oil and gas is to land on the right side of history. The summit uses intimate **fireside chats** (no slides), **collaboration patches** to co-innovate and build, **fish bowl conversations** to process and synthesize new information, **posters** to celebrate tangible examples of progress, and **energizers** to keep engagement high.



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Program Focus Themes



Transform the Energy System



Measure what Matters for Action & Impact



Enable People-Centered Transition



Regenerate Natural Capital

Enabling Behaviors



Engage and Listen



Collaborate to innovate



Keynote, Fireside Chat

Sessions On The Gaia Learning Framework And Perspectives From Leaders

To Learn Discours discuss debate network

To Learn, Discover, discuss, debate, network

Fish-bowl Conversation

Fish-bowl Conversations - Speakers Self-select To Enter And Leave Fish Bowl To Share Their Thoughts, questions, Ideas On The Fish Bowl Themes - Debating Topics From All Sides. To Learn, Discover, Participate

Collaboration Patches

Collaboration Patches - Each Patch Composed Of 10 People Who Join Together To Build Plausible Recommendations And Actions To Carry Forward After 23gaia To COP 28 To 24gaia And Other Action Vectors. To Build Impact And Agency, create Alignment, nurture Collaboration, And Network

Posters

Poster Sharing - Attendees Share Sustainability Related Projects, Their Learnings And Challenges Via Museum Style Poster Gallery. Participants Wander The Gallery, Learning And Giving Feedback. To Recognize, learn, Network

Energizers

Energizers - To Build Trust, Network, and Have Fun

Day 01

Welcome and Opening

Chokri Ben Amor, the Gaia 23 Executive Chair welcomed attendees to Oman, to the Summit, and thanked the sponsors, our hosts, and those who had travelled internationally to attend.



Thank You to All the Sponsors



Host Organization



Titanium Sponsors





Platinum Sponsor



Gold Sponsors





Silver Sponsor



15 March Lunch Sponsor





Opening Remarks by Host Sponsor

Steve Phimister, Managing Director of PDO Petroleum Development Oman], our host sponsor, opened the Summit with an expression of his support for this for this unique opportunity to meet each other, and put into perspective "this moment in time".

He shared some examples of PDO commitment to learning about sustainability and implementing relevant and high impact practices – operationalizing sustainability.





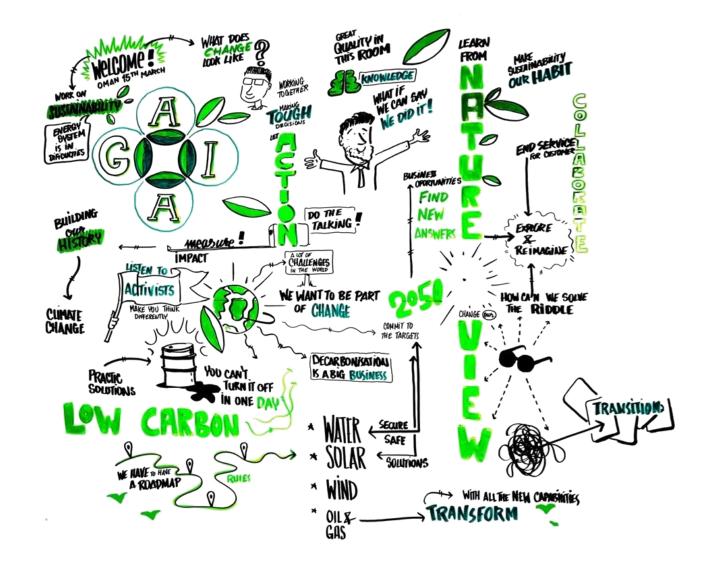
Introduction

Josh Etkind, SPE Gaia Program International Chair introduced the Gaia Learning Framework and explained how and why the Summit Program was designed around the Learning Framework.

Josh also introduced the Gaia Program and Gaia Talks taking place within the SPE around the world including the highly diverse Gaia LinkedIn Community, recognized by LinkedIn as one of the most active and engaging groups on their platform

He opened the event with 3 words, "We've done it!" He asked attendees to imagine looking back at a successful energy transition in 2050 and think how did we manage to keep global warming within 1.5 degC, return humanity back within Planetary boundaries, and restore nature. Let the creativity begin!





Keynote Chat

Moderator:

Josh Etkind,

Shell, and Gaia Program Chair

Speakers:

Tatiana Mitrova

Research Fellow, GCEP Colombia University and SLB Board Member

Moutaz Al Riyami,

Executive Gas Director, Petroleum Development Oman

Josh asked Tatiana and Moutaz to share their views on some of the more challenging issues facing the O&G industry today from the viewpoint of Sustainability. In this fireside chat, Tatiana spoke to the theme of complexity and reflected on the impressive resilience of the energy industry to geopolitical, economic, and policy challenges. Moutaz discussed the power of scenarios to plan for an uncertain future evoking the well-known Shell scenario work, He linked previous scenarios to those released the same week as the Summit, explaining how the focus has shifted to energy security.



Keynote – highlights

Climate Change and Geopolitical Challenges

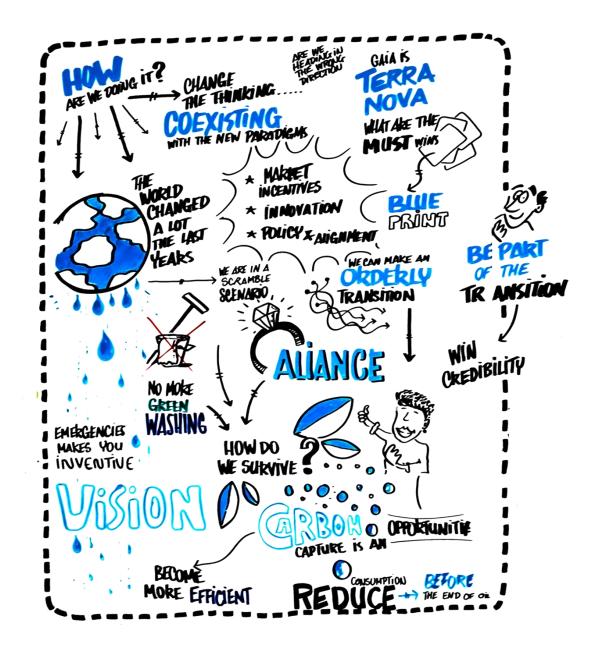
- Oil and gas sector must play a central role in leading the energy system transformation within planetary boundaries. We have what it takes.
- The energy system proved itself to be highly resilient to geopolitical and climate-induced shocks this past year
- Restoring natural systems has risen to become critical and vital Biodiversity COP 15 matters as much if not more than the UNFCCC COPs.
- To balance incentives, we must find a way to put a price on externalities & resources
- Accelerate development of regulatory frameworks to reach net zero.
- Approach decarbonization as an opportunity, and use benchmarking, energy efficiency measures, and soft-power mechanisms.

Complexity & Ambiguity v Black & White of Polarization

- Think, "coopetition" prioritizing cooperation over competition.
- Think systems not silos
- Decisions depend on data and context measure what advances our understanding of our collective impact on the planet to drive better decisions.
- Shift from a "me" to a "we" mindset: common standards, best practices, and avoid greenwashing.
- Public awareness, education, engagement and co-created solutions are essential to ensure all stakeholders are informed and involved in the process.
- Imagination is important to extend knowledge and create the future.

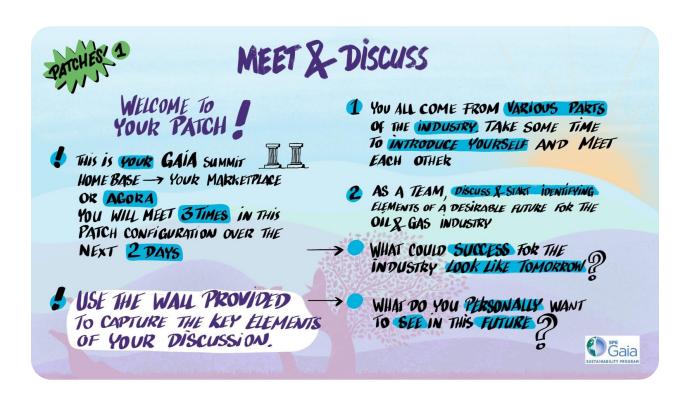
Future Energy Scenarios & Planning

• In the face of massive uncertainty, scenario planning can help policymakers and industry to prepare for different future energy scenarios and identify actions and policies to achieve outcomes that are robust across diverse potential scenarios.



Collaboration Patches #1 – Meet Your Patch

Patches were formed randomly with each composed of 9 people. Patch were empowered to develop their own missions to ensure the O&G industry lands on the right side of history. Several themes were available to choose from, or the patch group could choose their own theme. The Patch worked on this theme across several collaboration patch sessions across the two days, and at the close of the Summit, they presented their proposal to the full audience including HE Salim Al Aufi, Oman Minister for Energy and Minerals.



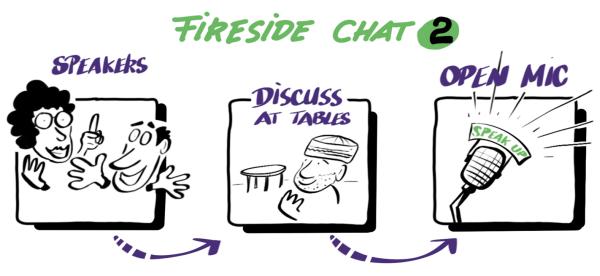


Fireside Chats - The Model



Peter opened the Fire-side Chats by explaining how this very interactive model would be run.

It started with 20mins warm up comments from two expert speakers in an intimate fireside chat format to set the stage for the 40 minute table discussions on a challenge framed by the moderator and speakers and a further 30 minutes of open mic sharing discussion highlights and engaging with the original speakers. By the end of these sessions everyone becomes a speaker and a lot of learning, empowerment and sense of agency has occurred through this carefully curated technique.





Fireside Chat 1 – Energy System Transformation

Moderator:

Josh Etkind, Shell, and Gaia Program Chair

Speakers:

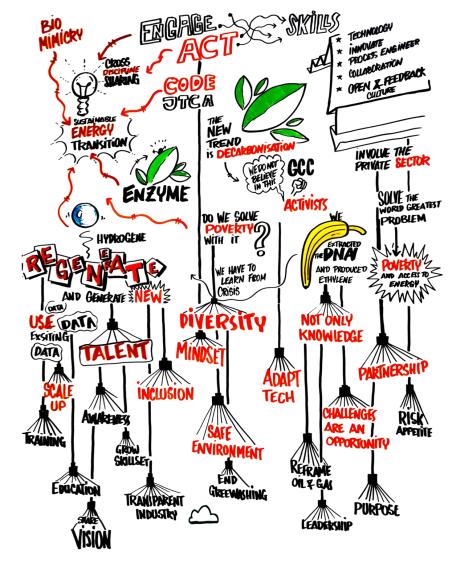
Tara Karimi,

Cofounder and Chief Technology Officer (CTO) at Cemvita

Salih Merghani,

VP Energy Sector, Olayan

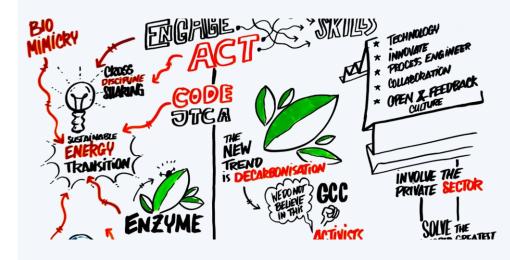




Energy System Transformation Fireside & Challenge - Key Insights

- Nature-Inspired Solutions nature has already solved many of the problems we face. We must accelerate and scale more innovation driven from genetic engineering of microbes, bio-catalysts borrowed from nature, bio-mimicry etc.
- We are a high maintenance species nature regenerates and re-uses, man wastes
- Not all technology works on a large scale
- Thinking Like Activists, Acting Like Engineers
- Our industry has consistently attracted incredibly capable and adaptable people. Many of our skills and capabilities are transferrable or extendable into broader energy transition jobs.
- A commitment to continuous education and upskilling will ensure our industry will remain at the forefront, leading transformative change.
- We have agency to envision and build a brighter future for our children and we must collaborate openly and transparently and take joint action to operationalize sustainability.
- Ensure we provide energy security and improve energy system resilience to geopolitical and climate-change induced systemic shocks.



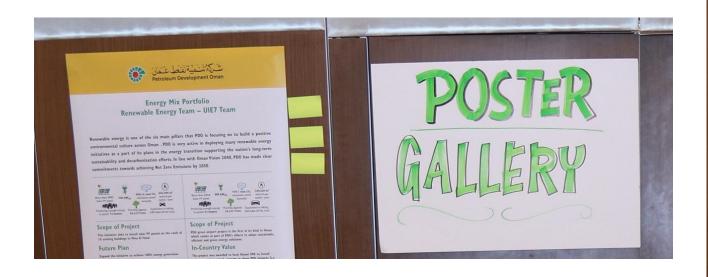


Poster Sharing

To foster learning, participants were invited to bring posters to **show-case** successful sustainability projects.

The posters generated a lot of **pride** and interest, especially from visitors not familiar with the work going on in the region.

This was also a moment to **recognize** some of the tremendous progress underway.





Fireside 2 – Natural Capital

Moderator:

Flora Moon,

Sustainability Practice Director, ExpressWorks and Gaia Natural Capital Lead

Speakers:

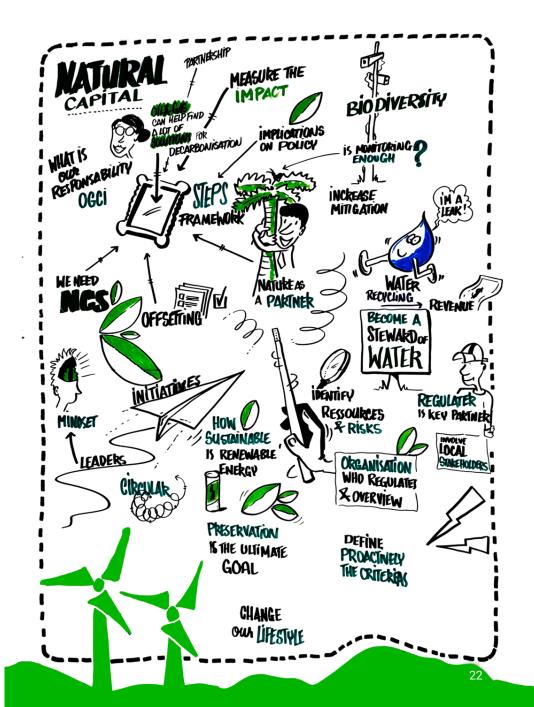
Justine Roure,

Deputy VP, Strategy & Policy, OGCI

Kamil Al Lawati,

Environmental & Social Responsibility Manager, bp Oman





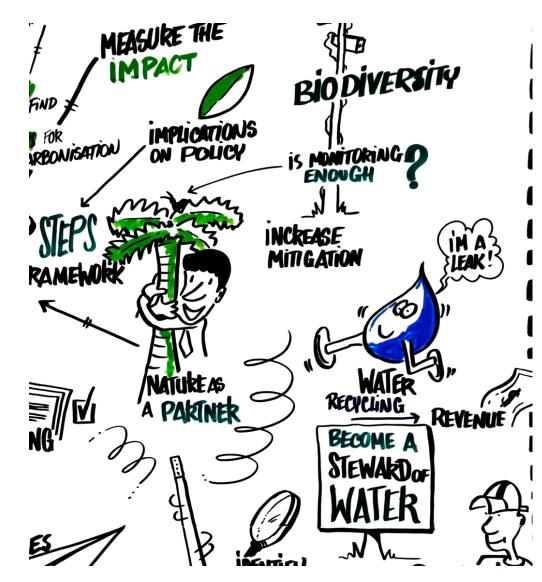
Natural Capital Fireside & Challenge - Key insights

Stewards of Nature

- View nature as a partner with regenerative abilities.
- Indigenous wisdom can offer novel approaches to sustainability issues.
- Emotional intelligence is key to bridging generational gaps and finding commonalities amongst humanity and nature.
- Nature regenerates, man wastes. Yes, every waste stream can become a new revenue source. In nature, nothing is wasted.

Creativity and Agency

- The human population has grown to a level that is impacting and degrading all of Earth's natural systems. Yet, there is still hope. Our boundless creativity and agency can also be directed towards reversing damage and regenerating the ecosystems we are so dependent upon.
- Strong sustainability extends well beyond carbon to include impacts on biodiversity and social factors.
- Public awareness, education, and engagement are essential to build support for the energy transition and ensure that all stakeholders are informed and involved in the process.
- Energy policies and regulations should create a level playing field for all natural sources and technologies.



Fish-Bowl Conversation 1 – How to ensure the O&G industry lands on the right side of history?

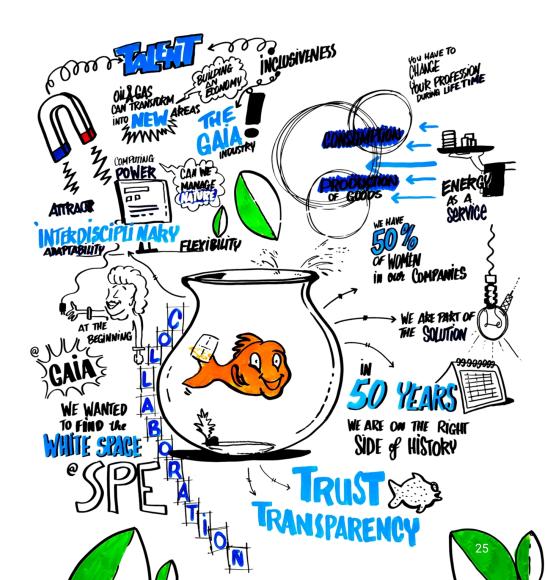
Johana Dunlop hosted the first Fish-Bowl conversation with a challenging question that was met with much emotion and many diverse points of view. The initial fishes kick starting the discussion were Walter Simpson, Tatiana Mitrova, Moatez Riyami, Ralph Rettler, Salman Almuhaiteeb and Darcy Spady. Other attendees had the opportunity to tap one of the initial fishes on the shoulder and take their seat to join the conversation. This created a dynamic that infused new points of view and advanced the conversation in ways most attendees had never experienced. The strict rule of no interaction between the fishes and the audience created some fun moments where new speakers were encouraged to take a seat and contribute. Everyone rated these fish bowl sessions very highly.





How to ensure the O&G industry lands on the right side of history? Key insights.

- Breakthrough happens through investment invest in research and development of new and innovative technologies that sustain lifestyle whilst enabling thriving inside planetary boundaries
- Embrace, integrate and scale new disciplines including social science and biological sciences and apply our own deep knowledge of data science to measuring what really matters to inform better system-level strategies and decisions.
- Enrich engineering curriculum to integrate new disciplines stop resisting change
- Adopt circular economy principles and reduce waste by promoting resource efficiency and minimizing the use of non-renewable resources.
- Encourage the deployment of additional energy sources such as wind, solar, geothermal, and hydropower, to reduce greenhouse gas emissions and improve air quality.
- Accelerate the scaling of large scale, long duration energy storage solutions to balance the supply and demand of energy and ensure a stable and reliable energy system.
- Address energy poverty and ensure energy access for all by promoting diversity and accessibility of energy sources
- Internalize and account for social and environmental costs of carbon emissions and other unsustainable impacts
- Foster international cooperation and collaboration with a wider array of groups to address global energy challenges and achieve sustainable development goals.



Patches # 2

Patches came back together to discuss what they had heard during the day. They were asked to build their individual patch mission





Raffle end of Day 1

SPE kindly offered a set of Apple Airpods, in a raffle run at the very end of the day. It what proved to be a really fun moment, the eventual winner was Agi Pawlak who had flown all the way from Canada to attend the summit.

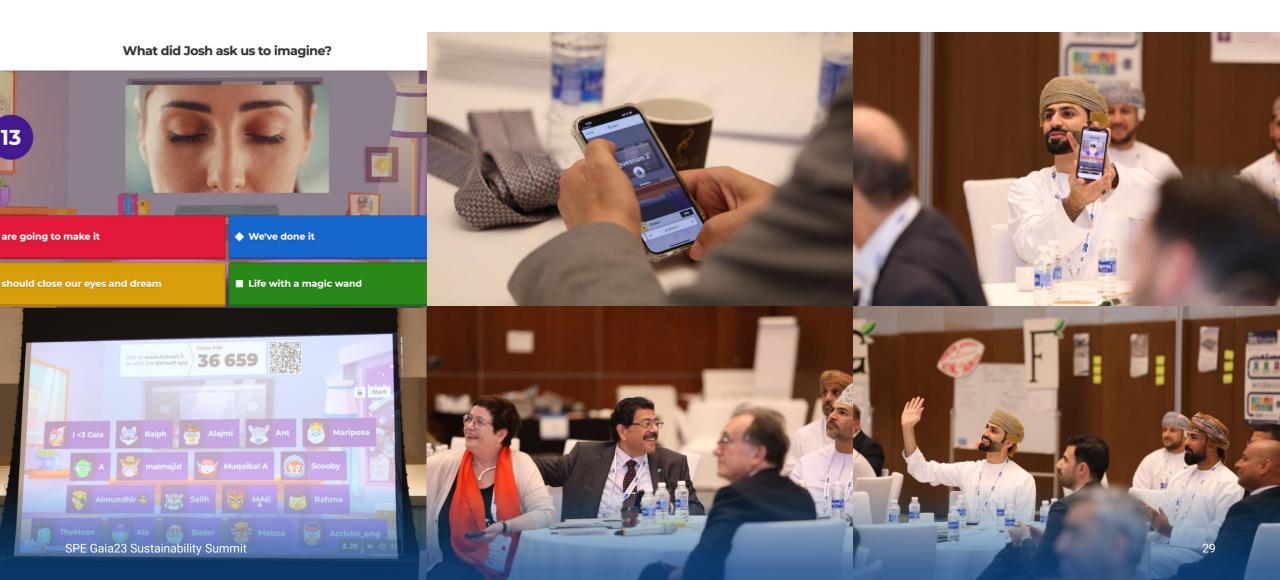




Day 02

Kahoot Quiz

Day 2 opened with a Quiz, to get things warmed up



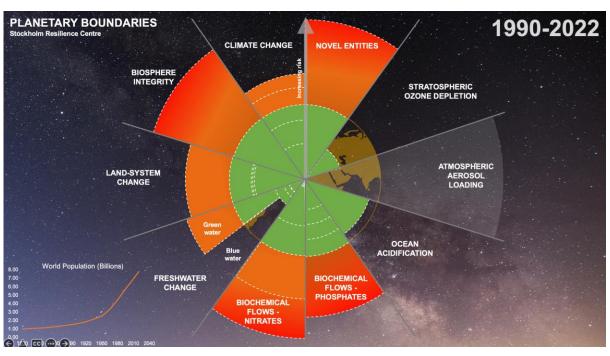
Planetary Boundaries

Josh Etkind teed up the Measuring what Matters fireside beautifully by leading everyone on a journey that describes how recent human development has impacted the health of our planet and its life systems. He introduced the concept 'that for the earth to remain in "stable state," humanity must remain in the "safe operating space" inside planetary boundaries'. Attendees read out scripts introducing all 9 planetary boundaries and describing how we've already transcended 7 of 9, creating increasing risks of feedback loops and negative tipping points in the system equilibrium that could make Earth much less habitable for humans and many other species. He showed us the what really matters in the measuring what matters formula.









Link to "Breaking Boundaries" Netflix documentary: https://www.netflix.com/title/81336476



50% of GDP is dependent on nature

This is the decade of action

Unleash the power of engineering to solve this problem!

Fireside 3 – Measuring what Matters

Moderator:

Johana Dunlop,

IOGP

Speakers:

Antoine Halff,

Co-founder Kayrros & Senior Scholar, Columbia University Center on Global Energy Policy

Dr. Omar Abdul-Hamid,

VP Environmental Protection, Aramco







Measuring what Matters Fireside & Challenge - Key Insights

What Matters?

- Planetary Boundaries matter
- Today we measure much that doesn't matter much of our reporting activity is focusing on tracking activity that doesn't matter because it has no context and we can't tell if it's enough, if it's fast enough.
- We are not measuring what matters after 30 years of ESG, measures aren't comparable, nor are they aggregated to understand performance in relation to planetary carrying capacity or thresholds and derive allocations or budgets e.g. how much we can use without tipping out of the "safe operating space".

Transparency & Trust was a key message from this fireside. We must reveal vital information, create data-driven insights, put them to use in creating the right actions and results that will build public trust

Direct our boundless creativity and agency towards reversing damage and regenerating the ecosystems we are so dependent upon.

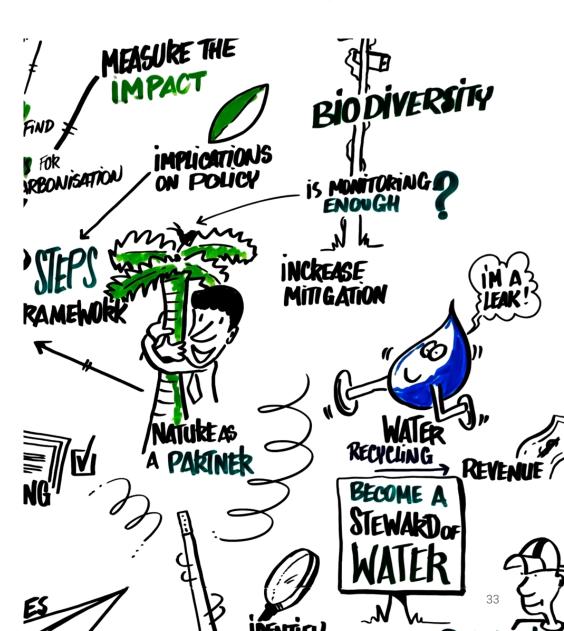
Strong sustainability must include understanding our impacts on nature, and progress towards regeneration. One SDG size does not fit all. ..

Energy policies and regulations should create a level playing field for all natural sources and technologies.

Create a Gaia Sustainability Performance Framework largely based on circular economy.

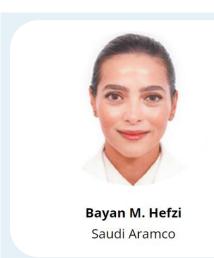
Focus on accounting for Impact not Activity

Aggregate don't fragment – across like activities, like solutions



Fish-Bowl 2- How to ensure positive engagement





Bayan Hefzi

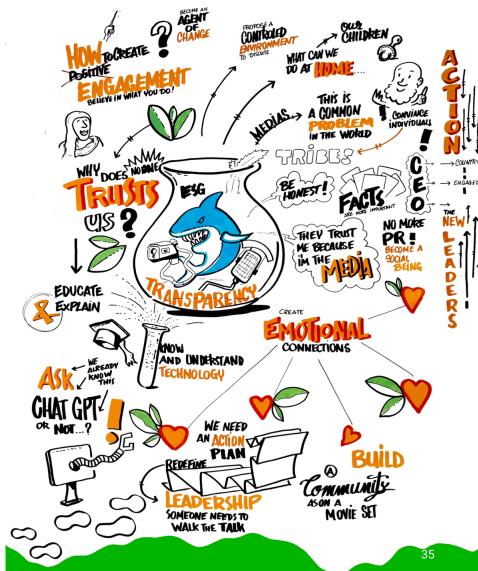
Hosted the second Fish-Bowl conversation. The initial fishes kick starting the discussion were Salih Merghani, Flora Moon, Omar Abdel Hamid and Tara Karimi.





How to ensure positive engagement – key Insights

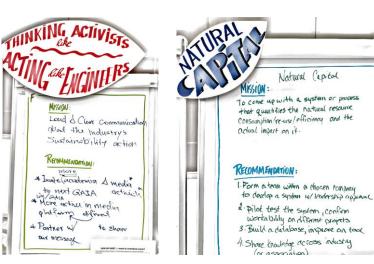
- We need effective governance, clear targets, and integrated solutions to address sustainability goals.
- Scenario planning can help policy makers and industry stakeholders to prepare for different future energy scenarios and identify the necessary actions and policies to achieve the desired outcomes.
- We need to shift from a mindset of "yes, but..." to "yes, and..." to focus on finding viable solutions, viable for stakeholders not just shareholders. This often requires a diverse portfolio of solutions, some delivered in collaboration with stakeholders
- As individuals, we have the power to ask the right questions, but we must remain humble and acknowledge that we don't have all the answers.
- Consider all planetary boundaries when developing business strategies not just climate. One size does not fit all all sustainability is local, aggregation is global.
- Collaboration across competitive boundaries is essential to transform the energy system
- Stop all PR touting the industry's benefits and isolated contributions, Focus messages on showing how much we understand the pressure on the planet's thresholds and highlighting real progress at scale enabled by our industry.
- Listen to our people who want purpose. We can form around a shared purpose to supply
 the world with reliable, affordable, accessible energy in a way that produces net benefits to
 society, communities, and earth's ecosystems

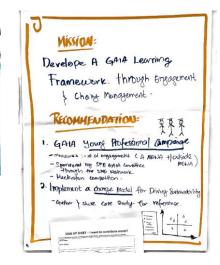


Patch #3

Bring the Missions to Life – Presenting ideas to the Summit participants and H.E Salim Al Aufi

Patches came back together for the third time on Day 2 to build recommendations to bring their missions to life. The missions were: Natural Capital, Measure what Matters, Listening and Engaging, Public Opinion, Gaia24 Summit, Thinking like Activists Acting like engineers, Education, Global Impact, Rebuild Trust, and Energy System Transformation. Patch teams then had the opportunity to present the actions they committed to take back to the full Summit group, including H.E. Salim Al Aufi.





















Raffles end of Day 1 and Day 2

SPE kindly offered a second set of Apple Air Pods, in a raffle run at the very end of the day. It what proved to be a really fun moment. Day 1 winner was Agi Pawlak who had flown all the way from Canada to attend the summit, and Day 2 winner was Abdullah Aladawi from sponsor Gulf Energy.





Closing Ceremony

The summit closed with H.E Salim Al Aufi, Minister for Energy and Minerals offering his guidance on the importance and role the O&G industry had towards the effective supply of clean energy to the world.

He encouraged attendees to feel great **pride** in what we do, and **confidence** in our ability to build the future decarbonized energy system.





Recognition for Outstanding Contribution

Thank you to Chokri Benamor, Johana Dunlop, Josh Etkind, Bayan Hefzi, Lamya Harub for their outstanding efforts in building this third Gaia Summit





Messages to **COP 28** from

SPE Gaia Sustainability Program

SPE Gaia - Planet Saving Rules

- 1. Bring the outside in learn to think like an activist, to see what they see, be as worried as they are then act like engineers and deploy solutions like we mean to solve them at scale, in time to avoid catastrophic effects of global warming and biodiversity loss. Move needles, stop ticking boxes
- 2. Create a huge sustainability laboratory for all oil and gas companies, adjacent sectors and activists focused on crushing the greatest challenges killer collaboration to resolve wicked problems. Think like activists, act like engineers
- 3. Choose **top priorities** where we can truly achieve significant, visible, trust-generating results e.g. Methane emissions abatement; CCUS; integration of renewables and energy storage in our own operations, unprecedented collaboration **Don't sweat the small stuff!**
- 4. Stop all ESG reporting and focus on maturing the metrics that measure what matters which is our impacts put in the context of thresholds and planetary boundaries local and global sustainability in context. Something, is unsustainable if it is going to run out. Something is sustainable if it is stewarded to regenerate and/or not pollute. ESG is NOT Sustainability
- 5. Create an industry **Sustainability PERFORMANCE framework** informed by action to bring humanity back within planetary boundaries. **Stop sustainability reporting tail wagging the sustainability performance dog!!**
- 6. Create conditions for **massive learning** by oil and gas industry with respect to social sciences and biodiversity **–shatter** the sustainability glass floor and massively scale operationalization of sustainability
- 7. Share our deep knowledge and love of data science applied to the planet Measure what Matters
- 8. Be ready to stop work for unsustainability just like we stop work for unsafe conditions
- 9. Stop talking about ourselves no more PR let actions speak louder than words
- 10. Ensure a just transition for oil and gas talent and for all stakeholders. We should feel great pride in what our industry has enabled for civilization, but also great responsibility to lead the transformation of the energy system and restore nature while ensuring energy security and access to energy for all. We'll need to recruit the next generation of talent. Invite young students in to propose solutions to the challenges that face our industry and help them find a suitable career track that appeals to them in our industry.
- 11. Let's act our way into new thinking. We can form around a shared purpose to supply the world with reliable, affordable, accessible energy in a way that produces net benefits to society, communities, and earth's ecosystems

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Oil and Gas on the right side of history -

"Bringing the outside, in" [working title] in Muscat, Oman

30th April to 1st May 2024

During Oman Sustainability Week

Contact us if you would like to attend, to speak, to sponsor or offer other contributions

- Khushbu Rajwai, SPE krajwani@spe.org
- Johana Dunlop, IOGP jdu@iogp.org
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