

Agenda Monday Aug 5th

Thursday, August 1, 2019 2:50 PM

August 5, 2019

Monday

August 2019						
Mo	Tu	We	Th	Fr	Sa	Su
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September 2019						
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23	24	25	26	27	28	29
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		MONDAY	Notes
		5	
London	HOU		
1 PM	7 AM		
2	8	drive back from hill country	
3	9		
4	10		
5	11		
6	12 PM		
7	1	1:1 w/Alisa Tijerina & Susan Dio Susan's Office [REDACTED] Dio, Susan W	
8	2	Catch-up w/Brianne Metzger-Doran & Susan Dio Susan's Office [REDACTED] Dio, Susan W	
9	3	BlackRock meeting prep with IR Susan's Office Sullivan, Brian D (IR)	
10	4	Develop outline for Susan's remarks for the August 27th DNV GL Boar Skype Meeting Botley, Keith	
11	5		
12 AM	6		

Dio, Susan W

1

8/1/2019 2:52 PM

BlackRock meeting prep with IR

Thursday, August 1, 2019 2:52 PM


Meeting Date: 8/5/2019 3:00 PM


Location: Susan's Office

Link to Outlook Item: [click here](#)

Invitation Message

Participants

 [Sullivan, Brian D \(IR\)](#) (Meeting Organizer)

 [Dio, Susan W](#)

Notes

Develop outline for Susan's remarks for the August 27th DNV GL Boar

Thursday, August 1, 2019 2:52 PM

Meeting Date: 8/5/2019 4:00 PM

Location: Skype Meeting

Link to Outlook Item: [click here](#)

Invitation Message

Content



Participants

-  [Botley, Keith](#) (Meeting Organizer)
-  [Dio, Susan W](#)
-  [Clanton, Brett](#)
-  [Lucas, Sarah](#)
-  [Joe Householder](#)

Notes

DNV GL Board of Directors Dinner
August 27, 2019 | Houston, TX

Objective:

Share remarks and perspective on Diversity and Decarbonization as it relates to Maritime, Energy and other Industries.

Context:

The event is the DNV GL Board of Directors Dinner with guest partners and customers invited to attend. The attendees will all be C-suite level. The event theme or focus will be the 3 D's. Decarbonization, Digitalization, and Diversity. Professor Andrew Issacs, a professor from the Univ of Berkley will also speak. The company works with Professor Isaacs on digitalization and technology projects and platforms. The request is for Susan to speak on Decarbonization and Diversification.

Audience:

Expected attendance is 100 people from the Maritime and Energy industry including: Pipeline Companies, Ship Owners, etc.

Confirmed speaker:

Professor Andrew Isaac – University of Berkley professor – Is an expert on Technology-driven innovation *as a practitioner in Silicon Valley for 30 years, and as a faculty member teaching Innovation at UC Berkeley for the past 20 years. His talk will summarize his insights into how successful companies innovate for the long term.*

Justification for participation:

- Opportunity to share BP's energy transition story with C-suite level global audience.
- High-profile speaking opportunity for BPA Chair and President.
- Diverse global audience reach – across business sectors, Energy, Maritime, and Ship Owners.

- Opportunity to stress the importance of climate control and diversity to a global executive audience positioned to make a difference.

	
Type	Aksjeselskap
Industry	Various
Founded	1864
Headquarters	Høvik, Bærum, Akershus, Norway
Area served	Worldwide (100 countries)
Key people	Remi Eriksen (CEO) Leif-Arne Langøy (Chairman)
Revenue	▲ NOK 19.5 billion (2017) ^[1]
Number of employees	12,101 (2018)
Website	www.dnvgl.com 

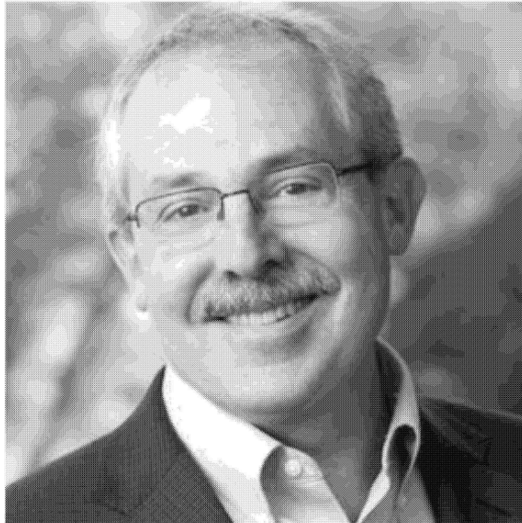
DNV GL is an international accredited registrar and classification society headquartered in Høvik, Norway.^[2] The company currently has about 14,500 employees and 350 offices operating in more than 100 countries, and provides services for several industries including maritime, renewable energy, oil & gas, electrification, food & beverage and healthcare. It was created in 2013 as a result of a merger between two leading organizations in the field - **Det Norske Veritas** (Norway) and **Germanischer Lloyd** (Germany).

DNV GL is the world's largest classification society, providing services for 13,175 vessels and mobile offshore units (MOUs) amounting to 265.4 mill gt, which represents a global market share of 21%.^[3] It is also the largest technical consultancy and supervisory to the global renewable energy (particularly wind, wave, tidal and solar) and oil & gas industry - 65% of the world's offshore pipelines are designed and installed to DNV GL's technical standards.

Prior to the merger, both DNV and GL have independently acquired several companies in different sectors, such as *Hélimax Energy* (Canada), *Garrad Hassan* (UK), *Windtest* (Germany) and *KEMA* (Netherlands), which now contribute to DNV GL's expertise across several industries. In addition to providing services such as technical assessment, certification, risk management and software development, DNV GL also invests heavily in research.

Remi Eriksen took over as Group President and CEO of DNV GL on August 1, 2015, succeeding Henrik O. Madsen

Andrew M. Isaacs



Senior Lecturer (continuing)
Director, New Management of Technology Programs
Director, Mayfield Fellows Program
Co-Executive Director, Center for Energy and Environmental Innovation
Entrepreneurship | Innovation and Design

Education

MS, Geochemistry, The University of Michigan
BS Cum Laude, Geochemistry, The University of Michigan

Expertise and Research Interests

- Advisory Board, University of Michigan, College of Literature, Science and the Arts
- Director, Bridging the Divide Program on Technology in the Developing World
- Director, Hitachi Fellows Program
- Director, Mayfield Fellows Program
- Director, IBM Ventures Fellows Program

Positions Held

At Haas since 1999

2009 – present, Director, New Management of Technology Programs, Haas School of Business

2009 – present, Director, Mayfield Fellows Program, Haas School of Business

2007 – present, Executive Director, Center for Energy and Environmental Innovation, UC Berkeley

2003 – present, Adjunct Professor, Haas School of Business

1991 – present, President, California Technology International, Inc., Sunnyvale, CA

2000 – 2009, Executive Director, Management of Technology Program, UC Berkeley

1999 – 2002, Lecturer, Haas School of Business

1983 – 1990, Vice President, Kevex Instruments, Inc., San Carlos, CA

1981 – 1983, Senior Scientist, NASA Johnson Space Center, Houston, TX

Agenda Tuesday Aug 6th

Thursday, August 1, 2019 2:50 PM

August 6, 2019

Tuesday

August 2019

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		TUESDAY	Notes
London HOU		6	
1 PM	7 AM		
2	8		
3	9	Tour of 16/17 for Susan (and Boomtown coffee tasting) Meet on 15 and go up together Simmons, Tammie	
4	10		
5	11	AHA Board & Heart Walk Chair Orientation w/Yara El-Sayed [REDACTED]	
6	12 PM	Block	
7	1	Eaton Vance investor meeting prep Susan's Office Sullivan, Brian D (IR)	
8	2	1:1 w/Kernard Jones [REDACTED] Dio, Susan W	Tour WL1 Cafeteria & Lobby [REDACTED]
9	3	Block - Drive Home	
10	4		
11	5	Nails The Woodlands	
12 AM	6		

Dio, Susan W

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8/1/2019 2:55 PM

AHA Board & Heart Walk Chair Orientation w/Yara El-Sayed

Thursday, August 1, 2019 2:56 PM


Meeting Date: 8/6/2019 10:30 AM

Location: Susan's Office (WL1 15.182)

Link to Outlook Item: [click here](#)

Invitation Message

Participants

 **Dio, Susan W** (Meeting Organizer)

Notes

Briefing

1-on-1 meeting with Yara El-Sayed

August 6, 2019

10.30 am - noon

Westlake Campus

Dress: Business (AHA has requested that SWD wear red for the photo)

Executive Summary: Susan Dio will meet with Yara El-Sayed, Executive Director and Senior Vice President Board, American Heart Association, Houston Chapter, on August 6th. She will be accompanied by Shelly Millwee, Deputy Executive Director of the AHA, and Teresa Carroll, VP of Heart Walk activities.

The goals of the meeting:

- Receive AHA Board orientation
- Discuss the Heart Walk and the responsibilities of being the Chair
- Complete partnership marketing photos

The AHA comms plan and photo plan are attached.

Proposed agenda

10.25 am	Larry Thomas greets Yara El-Sayed and party at Security and escorts her to SWD's office.
10.35 am	Meeting with SWD begins. SWD will be briefed on AHA Board responsibilities and chairing the Heart Walk.
11.20 am	Wrap-up 1-on-1 discussions.
11.25 am	Thomas escorts SWD and El-Sayed to the Westlake Wellness Center
11.35 am	Arrive at Health Center. Greeted by Sahara Taybron (Comms lead) and Johnathan Markert (facility manager). Receive photo briefing.
11.40 am	Begin photo shoot
Noon	End photo shoot. El-Sayed departs.

Background notes:

- BP and the American Heart Association (AHA) recently entered a first-of-its-kind agreement to promote health and wellness across the Houston region.
- BP and AHA will officially announce their strategic partnership on Aug. 7 via a press release. BP will make its internal announcement on the same day.
- BP and AHA teams have been meeting for several months to hammer out the working

- BP and AHA will officially announce their strategic partnership on Aug. 7 via a press release. BP will make its internal announcement on the same day.
- BP and AHA teams have been meeting for several months to hammer out the working details of the agreement.
- On July 17, a partnership kick-off meeting was held at Westlake 1 to introduce principals and begin coordination protocols. Thomas and El-Sayed led the meeting.
- Four working groups were established to focus actions:
 - Marketing/brand – Ensure alignment on marketing/brand activities (Dave Welch)
 - Communications – Develop internal/external comms products (Sahara Taybron)
 - Sponsorships/employee engagement – Focused on Heart Walk, Heart Ball, Go Red and employee activation (Jessica Kemp)
 - Wellness – Oversee joint health-related programs, like BP monitoring, menu certifications and CPR training (Chris Phalen)

- AHA staff participated in an on-campus wellness fair on July 24th.
- AHA received their \$1 million payment on July 31st.

Talking Points:

- Thank you for joining me here this morning. I am excited to see BP America and the American Heart Association undertake such a significant partnership.
- We share a common goal of wanting to promote health and wellness across Houston and I cannot think of a better partner than the AHA. Your brand is well regarded, and your programs are truly making a difference in our community
- BP's commitment to health and wellness extends beyond just our employees. Through this partnership, we are supporting local education efforts and making an impact in improving health in communities throughout Houston.
- I understand that both our teams are working diligently and collaboratively to progress the partnership activities and I look forward to hearing more about the creative ideas that come forth as a result of our agreement.
- I also look forward to the opportunity to serve on the AHA Board and as the 2019 Houston Heart Walk chair, to promote the importance of building stronger, healthier communities.
- Also, thank you to the AHA team for participating in the recent on-campus wellness fair. It was good for our employees to begin to see the AHA staff on campus and to get exposure to the many great services that your organization offers.

Attendee Bios



Yara El-Sayed
Senior Vice President and Executive Director
American Heart Association – Houston

Yara El-Sayed is the Senior Vice President and Executive Director of the American Heart Association in Houston, overseeing the division's strategic growth efforts around mission engagement and fund development with the goal of educating the broader community on the impact of the AHA's programs and initiatives. She has served in this role since 2015. Previously, she served as Vice President of Development for the Boys & Girls Clubs of Greater Houston, where she provided leadership in all areas related to reaching development goals. Prior to the Boys & Girls Clubs, Yara worked for the St. Louis affiliate of the American Association as the Senior Director of Corporate Events.

Yara received her B.A. in Broadcast Journalism from the University of Missouri Columbia. Among her many honors and awards is the prestigious, national AHA Rome Betts Award of Excellence.

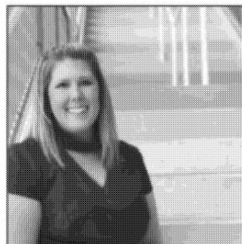
She resides in Houston with her husband, James and dog, Peanut.



Shelly Millwee
Deputy Executive Director
American Heart Association – Houston

In her current role, she works with C-suite executives and prominent individual donors in the Greater Houston area with overall responsibilities to operationalize the vision, manage senior staff, implement and drive strategic priorities, and create volunteer/employee engagement plans to drive revenue and fund the mission of the

organization. Shelly serves as a volunteer with the Houston Livestock Show and Rodeo on the Trailblazer and Trail Ride Committees. I also serve as a guest lecturer for University of Houston and Sam Houston State University undergraduate classes, speaking on topics of crisis communications, public relations for nonprofits and career building. She is a graduate of the University of Houston.



Teresa Carroll
Vice President, Houston Heart Walk
American Heart Association – Houston

Teresa currently serves as Vice President of the Houston Heart Walk and has held several roles within the AHA organization, including Senior Corporate Development Director; Corporate Market Director, Heart Walk, and Heart Walk Director. She is a graduate of Florida Gulf Coast University.

More about the AHA

The American Heart Association was founded by six cardiologists 1924.

From humble beginnings, the AHA has grown into the nation's oldest and largest voluntary organization dedicated to fighting heart disease and stroke. A shared focus on cardiovascular health unites our more than 33 million volunteers and supporters as well as our more than 3,400 employees. Learn more about our impact over time.


Heart disease is the No. 1 killer worldwide, and stroke ranks second globally. Even when those conditions don't result in death, they cause disability and diminish quality of life. We want to see a world free of cardiovascular diseases and stroke.

Our size and scope let us have real impact. We have invested more than \$4.1 billion in research, more than any U.S. nonprofit organization.

Photo details:

We will use the photo opportunity to more fully market the partnership and promote BP's commitment to employee health and well-being.

VIPs: Susan Dio and Yara El-Sayed.

Onsite Contact: Sahara Taybron – 

Schedule | Tuesday, Aug. 6

11:30 a.m. to Noon | Westlake Wellness Center

- Location: Westlake Wellness Center, Executive Room 1 | Physical Therapy Room
- Attendees: Dio, El-Sayed, Dr. Qatar Raza, Johnathan Markert
- Notes: Stage an interaction between the staff at the wellness center and the BP and AHA attendees to include a conversation with a physician or a blood pressure screening with Dr. Raza and nursing staff to support.
- Requested shots:
 - Room 1: Dio and El-Sayed seated in patient chairs with logo lock-up in background on digital screen, potentially a heart prop from AHA on side table
 - Room 1: Dr. Raza performing treadmill stress test with Markert. Dio and El-Sayed standing to side
 - PT Room: Dio and El-Sayed standing with logo lock-up banner
 - PT Room: Dio, El-Sayed and Dr. Raza standing with logo lock-up banner
 - PT Room: Dio and El-Sayed standing. Dr. Raza performing blood pressure check on Markert – logo lock-up banner to the side
 - WHWC hallway (bright light): Dio and El-Sayed walking/talking casually
 - Outside at Health Center: Dio and El-Sayed walking/talking casually. Perhaps capture this near the pond.



BP AHA Partnership
Comms Plan v3_7.31



BP and AHA
Partnership.docx

BP AND AMERICAN HEART ASSOCIATION (AHA) PARTNERSHIP LAUNCH STRATEGIC PLAN

BACKGROUND

Houston is BP's U.S. headquarters, and is home to the largest concentration of BP employees in the world, with nearly 5,000 working across the region. The Westlake campus is the primary hub for BP's upstream business in the U.S., and a main location for its gas-trading business. The company's Gulf of Mexico business and its wind energy business also are based in Houston.

There's an opportunity to refresh BP America's engagement with the Houston employee population, which has changed dramatically over the past few years, as well as rethink how the company shows up in the Houston community. The headquarters itself can better reflect BP's commitment to Houston – and the range of community investments the company does – to both inform employees and encourage them to more fully engage in their communities.

In addition, BP can more fully use the campus to promote its commitment to employee health and wellbeing and demonstrate this is among the many reasons BP is an employer of choice. The Houston Business Journal named it the city's healthiest big company in 2018, and the company has a best-in-class partnership with StayWell.

Through BP's multi-year, million-dollar partnership with the American Heart Association (AHA), the nation's oldest and largest voluntary organization dedicated to fighting heart diseases and stroke, BP will engage Houston-based employees by giving them compelling experiences that promote individual wellbeing, as well as in their communities. The partnership is intended to be scalable and potentially implemented at other employee bases like Chicago in the future. BP will leverage the AHA's *Life is Why* market-wide platform to engage employees through experiential events and consumer marketing that positively impact the Houston employee base, as well as the broader Houston community.

STRATEGIC OBJECTIVES

- Successfully communicate the launch of the new partnership with the American Heart Association.
- Develop a distinctive partnership that builds employee wellness and health.
- Create a program with year-round engagement to impact the health of Westlake employees, with ability to transition to other BP campuses.
- Provide executive leadership opportunities to engage externally in leadership roles to raise BP's brand and contribute to a healthy workplace.
- Utilize AHA's brand to reach thought leaders, policy makers, corporate executives in Houston
- Develop employee education programs that lead to healthy lifestyles.

- Utilize Heart Walks, Go Red for Women, and other AHA events and programs to create engaging experiences for employees.
- Partner with BP's existing Wellness program to deliver Best in Class health management.
- Develop joint brand opportunities for use in community engagement.

KEY MESSAGES

Health and Wellness

- The safety, health and wellbeing of our employees is our top priority.
- Since 2010, BP has invested in the health of our population through the robust BP wellness program. The program provides holistic wellbeing support and programming to our employees, spouses and retirees.
- Over the last 10 years, BP has won a variety of prestigious corporate wellness awards including, platinum honors from the National Business Group on Health, Houston & Chicago healthiest employer awards and the coveted C. Everett Koop Award.

The American Heart Association

- Partnering with the AHA is just one more way we can help to keep advancing the safety, health and wellbeing of our employees and our BP wellness program.
- The AHA is ranked No. 4 Health Non-profit Brand of the year.

BP/AHA Partnership Specifics

- The partnership with BP will help the AHA to continue fighting cardiovascular disease, raise awareness and encourage people right here in Houston to take charge of their heart health.
- Partnering with the AHA is just one more way BP can help to keep advancing the safety, health and wellbeing of our employees and our BP wellness program.
- The Houston-based partnership will create a robust awareness and education strategy for the region, complete with a broad marketing campaign. It will focus on four areas: BP employee engagement, community impact, experiential events and consumer marketing, all with a focus on improving health and wellness.
- (Pivot point) Yes, this is a seven-figure, multi-year investment by BP, but more importantly, this partnership marks a distinctive point in the evolution of the AHA's work as we establish more long-term, strategic corporate partnerships focused on employee engagement, health, and community impact.

KEY AUDIENCES

Employees, current/future
Contractors, current/future
Media
Houston community

KEY CHANNELS

Internal email
Benefits e-newsletter
Benefits print-to-home
Elevator magnet media
Pop-up banners
Wall Posters
Houston update email
Houston campus Intranet Pages
Lobby signs
Digital Signage

PLANNED CREATIVE ASSETS

Press release
Photography of AHA/BP executive meeting (staged)
Internal email from Susan Dio
Houston roundup email
All U.S. employees roundup email
Lobby signs
Digital Signage

BP/AMERICAN HEART ASSOCIATION PARTNERSHIP LAUNCH DAY TACTICAL PLAN

Timing	Activity/Description	Lead
July 17	Kick-off meeting with AHA	Larry Thomas
July 30	Complete BP / AHA logo lock for press release and other materials	Dave Welch/Marika Michaels
August 6	Email from SWD to Houston GLs previewing AHA announcement	Sahara Taybron/ Brett Clanton/Erin Hupp
August 6	Susan Dio and Yara El- Sayed photo shoot in Westlake Health & Wellness center clinic	Erin Hupp/Austin Staton/Sahara Taybron

August 7	Issue press release announcing BP/AHA partnership 10a CT	AHA Comms
August 7	Send press release to BP media stakeholders via DotMailer	Brett Clanton/Austin Staton
August 7	SWD Houston employee note announcing partnership at 11aCT	Sahara Taybron/Brett Clanton/Erin Hupp
August 7	Post press release to BP.com/US	Sade Onadiji
August 7	Houston round-up email and U.S. round-up email with link to press release	Erin Hupp/Paul Gannon
August 7/8	U.S. intranet article repurposing press release	Erin Hupp/Paul Gannon
August 7	Leverage AHA social media content across BPA social media channels	Jennifer Haubein
September TBD	Lobby event – showcasing Houston partnerships	Jessica Kemp/Paul Gannon/Jamie O’Keefe
PROPOSED ACTIVITY SETS TO SUPPORT PARTNERSHIP		
Timing	Activity/Description	Lead
TBD	Ad in Houston Business Journal	Sahara Taybron/Marika Michaels/Anne Stakson
TBD	Elevator magnets	Marion Frizzell
Complete	Pop-up banner with logo lockup	Marion Frizzell/Erin Hupp
TBD	Video including testimonial from employees/ maybe Susan Dio	Erin Hupp
TBD	Deskdrop	TBD

General: Through BP's multi-year, million-dollar partnership with the American Heart Association (AHA), the nation's oldest and largest voluntary organization dedicated to fighting heart diseases and stroke, BP will engage Houston-based employees by giving them compelling experiences that promote individual wellbeing, as well as in their communities. In addition, The Houston Business Journal named it the city's healthiest big company in 2018, and the company has a best-in-class partnership with StayWell.

Ahead of the partnership announcement on August 7, AHA executives and board members, along with Susan Dio will come together on BP's Westlake campus to kick-off the partnership on August 6. This meeting will also give the U.S C&EA team an opportunity to capture photos that can be leveraged across internal and external channels in support of the partnership announcement.

We will use this photo opportunity to more fully use the campus to promote BP's commitment to employee health and well-being.

VIPs: Susan Dio and Yara El-Sayed.

Onsite Contact: Sahara Taybron – [REDACTED]

Delivery: Please deliver images to [REDACTED]@bp.com by COB on Tuesday, Aug. 6.

Schedule | Tuesday, Aug. 6

- 11:30 a.m. to Noon | Westlake Wellness Center
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 - PT Room – Dio and El-Sayed standing with logo lock-up banner
 - PT Room – Dio, El-Sayed and Dr. Raza standing with logo lock-up banner
 - PT Room: Dio and El-Sayed standing. Dr. Raza performing blood pressure check on Markert – logo lock-up banner to the side
 - WHWC hallway (bright light) – Dio and El-Sayed walking/talking casually
 - Outside at Health Center – Dio and El-Sayed walking/talking casually. Perhaps capture this near the pond.

Eaton Vance investor meeting prep

Thursday, August 1, 2019 2:56 PM

Meeting Date: 8/6/2019 1:00 PM

Location: Susan's Office

Link to Outlook Item: [click here](#)

Invitation Message

Participants

-  [Sullivan, Brian D \(IR\)](#) (Meeting Organizer)
-  [Dio, Susan W](#)
-  [Botley, Keith](#)

Notes

US Business Opportunities

Tuesday, August 6, 2019 9:18 AM

Subject	INFO: Context, 4:00 meeting with Susan
From	Yeilding, Cindy
To	Hamilton, Sandy G; Botley, Keith
Cc	Towns, Martin; Rogers, Liz
Sent	Tuesday, August 6, 2019 8:23 AM

Dear Keith and Sandy,

The objective of this afternoon's meeting with Susan is to inform her of 3 potential U.S. low carbon business opportunities being matured by the Group Technology CCUS team led by Martin Towns (Director, Carbon Capture, Use and Storage) and Liz Rogers (VP Environmental Technology). Martin will lead the discussion.

Martin, Liz and their team are developing these options with sponsorship from Gordon Birrell, Andy Hopwood and Doug Sparkman. These opportunities will be reviewed with Bernard Looney in late August/early September.

This is INFO only- no requests of Susan are identified at this time, and there is no pre-read.

The content is BP Confidential.

Thank you, cindy

Confidential

Agenda Wednesday Aug 7th

Thursday, August 1, 2019 2:50 PM

August 7, 2019

Wednesday

August 2019

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		WEDNESDAY	Notes
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London	HOU		
1 PM	7 AM		
		Exec Physical Labs (fasting) Westlake Health Clinic	
2	8		
		Check-in w/Brad Gentry Skype Dio, Susan W	
3	9	BPA BoD Pre-Read Review [Redacted]	
4	10	BP Women's Luncheon-Panelist Prep Call Skype Meeting Kuehn, Nicole	
5	11	Catch-up - Susan & Yogi Susan's office Maharaj, Yoganande	
6	12 PM		
7	1	Catch-up w/Bob Scher [Redacted]	
8	2		
		IR Meeting w/BlackRock Boardroom (15.128)	
9	3		
10	4		
11	5	Redacted - First Amendment	
12 AM	6		

Dio, Susan W

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8/1/2019 2:59 PM

BPA BoD Pre-Read Review

Thursday, August 1, 2019 3:00 PM

Meeting Date: 8/7/2019 9:00 AM

Location: SWD's Office (15.182)

Link to Outlook Item: [click here](#)

Invitation Message

Participants

-  [Dio, Susan W](#) (Meeting Organizer)
-  [Baur, Susan](#) (Accepted in Outlook)
-  [Cuadra, Gabriel W](#) (BP America)
-  [Botley, Keith](#)

Notes

BP Women's Luncheon-Panelist Prep Call

Thursday, August 1, 2019 3:00 PM

Meeting Date: 8/7/2019 10:00 AM

Location: Skype Meeting

Link to Outlook Item: [click here](#)

Invitation Message

Participants

-  [Kuehn, Nicole](#) (Meeting Organizer)
-  [Dio, Susan W](#) (Accepted in Outlook)
-  [Constantin, Dawn M](#) (Accepted in Outlook)
-  [Patton, Amy](#) (Accepted in Outlook)
-  [Washington, Tiffany](#) (Accepted in Outlook)
-  [Botley, Keith](#) (Accepted in Outlook)

Notes

IR Meeting w/BlackRock

Thursday, August 1, 2019 3:01 PM




Meeting Date: 8/7/2019 3:30 PM

Location: Boardroom (15.128)


Link to Outlook Item: [click here](#)

Invitation Message

Content

 Investor meeting ...	Added by Dio, Susan W Attachment from Outlook
 image001	Added by Dio, Susan W Attachment from Outlook
 image002	Added by Dio, Susan W Attachment from Outlook

Participants

 [Dio, Susan W](#) (Meeting Organizer)

Notes

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Agenda Thursday August 8th

Tuesday, August 6, 2019 5:52 PM

August 8, 2019

Thursday

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		THURSDAY	Notes
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Dio, Susan W

1

8/6/2019 5:53 PM

Meet w/UK Consul General Richard Hyde

Thursday, August 1, 2019 3:08 PM

Meeting Date: 8/8/2019 8:30 AM

Location: Susan's Office


Link to Outlook Item: [click here](#)

Invitation Message

Participants

 [Dio, Susan W](#) (Meeting Organizer)

Notes

Subject	Final UK Consul General Briefing Document
From	Thomas, Larry
To	Botley, Keith; Hamilton, Sandy G
Cc	Miner, Robert; Scher, Robert; Arbelaez, Felipe; Vickers, Alistair
Sent	Tuesday, August 6, 2019 7:33 AM
Attachments	 UK Consul General B...

The final briefing document for the August 8th meeting is attached.

Larry Thomas

BP

 (office)
 (cell)

Briefing

UK Consul General Introductory Visit

August 8, 2019

8:30am – 9:30am

Westlake Campus

Executive Summary: SWD will meet with the new UK Consul General, Richard Hyde, on August 8. Hyde took up his new posting in June 2019. Hyde will be accompanied by Lee-Anne Cottle, Head of Sector for Energy, Environment and Infrastructure (EEI) for North America, and Cristina Pirela, International Trade and Investment Associate for EEI.

The meeting's goals are to establish a working relationship with the new Consul General, provide an informal overview of BP's operations in the U.S., and discuss how UK-based businesses can become BP vendors in the U.S.

Background. The Consul General is the senior UK official in a Consulate General, which is a subordinate office to the Embassy or High Commission, usually located in another major city. The Consul General represents the UK government and is typically responsible for consular, visa and trade activities in their city or region. Hyde's predecessor, Karen Bell, served as British Consul General from 2015 – Summer 2019. Bell was recently promoted to serve as UK high commissioner to the Republic of Vanuatu.

visa and trade activities in their city or region. Hyde's predecessor, Karen Bell, served as British Consul General from 2015 – Summer 2019. Bell was recently promoted to serve as UK high commissioner to the Republic of Vanuatu.

BP Relationship History

- Larry Thomas met with Consul General Hyde on July 18 at the UK Consulate downtown. Hyde requested the meeting to discuss a BP sponsorship of the Red Arrows, the Royal Air Force's precision flying team. **We declined this opportunity.**
- Thomas provided an overview of BP's operations in the U.S., and BP's presence in Houston and Texas.
- **Wind energy.** During the meeting with Thomas, Hyde requested more information on BP's Wind business. Thomas subsequently introduced Hyde and Al Vickers via email. They will meet soon; however, no face-to-face has been scheduled.
- **Death penalty.** The UK Consulate previously requested BP support in Louisiana on a legislative initiative to abolish the death penalty. Thomas and Hyde discussed the subject in passing during the visit. Hyde said he understood why BP rejected the consulate's previous request for support. Hyde indicated that he believes that they have the support of a senior elected official (speculation is that Senator Bill Cassidy is the supporter) on the matter. Since 2000, seven people on death row in Louisiana had been exonerated, while only two had been executed, according to the Louisiana Budget Project. Louisiana conducted its last execution in 2010. A federal court has barred the state from carrying out executions since 2014 in part because of difficulties in obtaining the drugs considered humane for lethal injections. Louisiana is one of 32 states with a death penalty. In 2017, there were 72 people on death row in Louisiana. The consul general is unlikely to push this issue again in the Louisiana legislature until 2022, because of the upcoming election cycles in the state.
- **Honorary Consul General.** Hyde mentioned that he is considering naming former BP lobbyist Karl Connor to the post of Honorary Consul General for Louisiana. The non-paid role would provide Hyde and staff counsel on Louisiana politics and social matters. Connor retired from BP in 2018.

- Hyde's previous posting was in Latin America. He is very familiar with BP's operations in Trinidad, Venezuela and Colombia. He also mentioned being proud of BP's response to the Deepwater Horizon incident.
- UK business interests with BP. Thomas shared a list of PSCM contacts with Consulate staff for our Latin America and Upstream businesses as well as a supplier diversity contact.
- Baseball. Bob Scher is attending the Astros game with the Consul General this week.

Talking Points

- It is a pleasure to meet and welcome you to our Westlake campus.
- As a UK company, we obviously want to work closely with you and your staff to progress our mutual interests here and across the region.
- I thoroughly enjoyed my time with Karen and Adrian. We became great friends during her assignment. I look forward to building a similar relationship with you and your wife.
- I understand you are meeting with Al Vickers following our meeting. I know you will be discussing the Wind/AE businesses, but should you desire more information, please feel free to give me a call.
- You may have noticed the construction happening in the building. BP plans to spend more than \$100 million to repair buildings on our Westlake Campus damaged by Hurricane Harvey. Our main building, Westlake 1, where we are located now, is scheduled to officially re-open in October.
- I wanted to share a little bit about our presence here in Houston and Texas. Our Westlake campus has the largest concentration of BP staff than any other campus in the world.
- We have about 4,800 total employees in Texas and support approximately 18,800 total jobs in the state, including BP employees. Houston is home to our Gulf of Mexico, natural gas and power marketing and trading, and our Wind Energy businesses. Our Shipping, petrochemical and onshore oil and gas production businesses also have major investments in Texas.
- BP's capital and operating spend in Texas was \$6.4 billion+ in 2017 which supports 2,300+ vendors.
- Over the past 5 years, BP has given \$23 million+ in community spending (BP and BP Foundation) in Texas.

Attendee Bios



Richard Hyde
UK Consul General

Hyde took up his position as Her Majesty's Consul General to Houston in June 2019. As Consul General, he has overall responsibility for leading the UK's engagement in the states of Texas, Oklahoma, Arkansas, Louisiana and New Mexico. His business priorities and responsibilities include developing political ties between the UK and the consular district; enhancing trade and investment partnerships; promoting science and innovation links

and supporting the delivery of consular services to the many British nationals who have made the region their home.

Richard has previously served in a range of diplomatic and commercial positions around the world. From 2015 – 2019 he was the Director for the Caribbean and Central America region at the Department for International Trade, based in Caracas and later San Jose, Costa Rica. Between 2013-2015 he led the Advanced Manufacturing team at UK Trade and Investment in London, promoting Foreign Direct Investment in the UK.

Between 2007-11 Richard was British Deputy High Commissioner (Consul General) in Bangalore and from then from 2011-13 he opened the new Deputy High Commission office in Hyderabad and served as Deputy High Commissioner.

In previous postings, Richard served as Deputy Ambassador in Yerevan, Armenia; Commercial Consul in Jeddah, Saudi Arabia; and Vice Consul in Paris. He has held a range of foreign policy portfolios at the Foreign and Commonwealth Office in London.



Lee-Anne Cottle is the Head of Sector for Energy, Environment and Infrastructure (EEI) for North America. She is responsible for developing and delivering the UK's investment and trade promotion strategy for Energy, Environment and Infrastructure in North America, providing thought leadership in the sector, and influencing UK trade policy as it relates to the sector. Previously, she was Director of Corporate Affairs, based in Houston, responsible for promoting and enhancing Brand and Reputation for SABIC in the Americas. Prior to this role, Lee-Anne was based in London for over 25 years and held the position of VP External Relations for Shell UK, Nordics and Ireland. She was responsible for brand and reputation for Royal Dutch Shell's upstream and downstream businesses leading the development of integrated reputation strategy and stakeholder plans.



Cristina Pirela is an International Trade and Investment Associate, supporting the Head of Sector for EEI. She supports bilateral trade and investment between the UK and US in said sectors by supporting companies with lowering barriers and accessing opportunities.

BP Supplier Qualification process – overview

There are varying tiers of approval based on projected spend and business criticality. The summary below is for suppliers seeking to work for one of the operating functions providing typical oilfield services.

- **Category strategy.** A supplier would be added to the bid list as a result of the Category Strategy. The category strategy determines the key value drivers for the area of spend. (i.e.: Maintenance and Inspection). The category teams determine the suppliers that can meet our requirements, and which help to deliver the strategy.
- **Due Diligence.** The supplier is assessed via a competitive tender (RFP) for competence against pre-defined selection criteria for Technical, HSSE and Quality. Further CDD (Counterparty Due Diligence) and FHA (Financial Health Analysis) assessments are required before Supplier can be enabled in the P2P system (Backbone). Based on risk criteria (Scope of work and location) additional assessment can be executed on Human Rights and Modern Slavery.
- **Access.** Once a supplier entity is enabled in P2P system, any OF or Region can select the supplier for inclusion in further sourcing / bid lists. Once a supplier has a contract and is established in our system, we have an ongoing post award contract management process that continues to monitor the supplier and assess their suitability to continue working with us.

The initial entry point for a new supplier would be the category team that covers the goods or services in question. The category teams maintain an understanding of the external market place, the key suppliers, the emerging technology trends and the new entrants.

Spend data:

Our data is classified by the supplier's Legal Entity that we do business with, so it is not easy to extract detailed spend data with UK registered companies. A quick review of our data suggests the spend with UK registered companies in GoM / AKA for last 12 month rolling period is ~ \$1.3m from total GoM / AKA spend of \$5.3bn (<1%)

Additional context

The PSCM strategy with respect to suppliers is to conduct business with fewer suppliers and moving towards more integrated solutions. This allows us to hold suppliers more to account for managing more scope. This is leading us to work more and more with our prime /Tier 1 suppliers (like SLB, WorleyParsons, etc.).


Latin America Qualification Process

Here are some key points for BP supplier opportunities in Latin America:

- **Capability & Value offer.** If UK companies want to work for BP, they need to meet our capability requirements. UK companies have a slight advantage as they can meet with BP in our headquarters location (Sunbury) with many of our global experts to ensure they have technical expertise and personnel experience.
 - UK staff will transmit this same technical capability and value offer to the countries in which the UK companies want to grow their businesses.
- **Local Content.** We encourage UK companies to embrace the local countries where they want to operate. Hire as much local staff as possible, train them up and provide a value proposition to BP from a local content offering.
 - If hiring is tough, we recommend partnerships with local suppliers.
 - Local content requirements are a key challenge for BP in our Latin America operations.
- **Stay Present.** Many UK companies join BP at the Congreso Mexicano del Petroleo (CMP) in Mexico each year at the UK booth where they present their capabilities and companies to the complete Oil & Gas marketplace. (Note: this event occurs annually. This year it took place June 19-22.)
- Once a UK company has a capability & value offer, plus some local content capabilities it becomes about ensuring that Operators are aware of what they have in their global portfolio.
- **Timelines.** If any supplier has questions on BP needs and timelines in Latin America, you can point them to Jeremy Ureche (contact information provided to UK consulate).

DNV Strawman Slides

Thursday, August 8, 2019 9:48 AM

Subject	DNV strawman slides
From	Lucas, Sarah
To	Botley, Keith
Cc	Hamilton, Sandy G; Clanton, Brett
Sent	Thursday, August 8, 2019 8:31 AM
Attachments	 DRAFT_DN V slides_S...

Hi Keith,

Attached is the strawman to discuss with Susan this morning. Remember, we will need to swap out photos and update some of the text – particularly the text over the photos.

I have taken a stab at revising some of the grey text on the left of each slide – either shortening for brevity or pulling existing language from other sources to fit the narrative better.

Look forward to discussing today.

All the best,
Sarah

Sarah Lucas

BP America Inc. | Third Party Advocacy & Outreach



Susan Dio

Chairman & President, BP America

Our footprint is wide across America

We employ about 14,000 people and support 111,000 additional jobs.

We've donated more than \$118 million to U.S. community programs and more than \$42 million to U.S. STEM education initiatives over the past five years.



We employ about **14,000** people

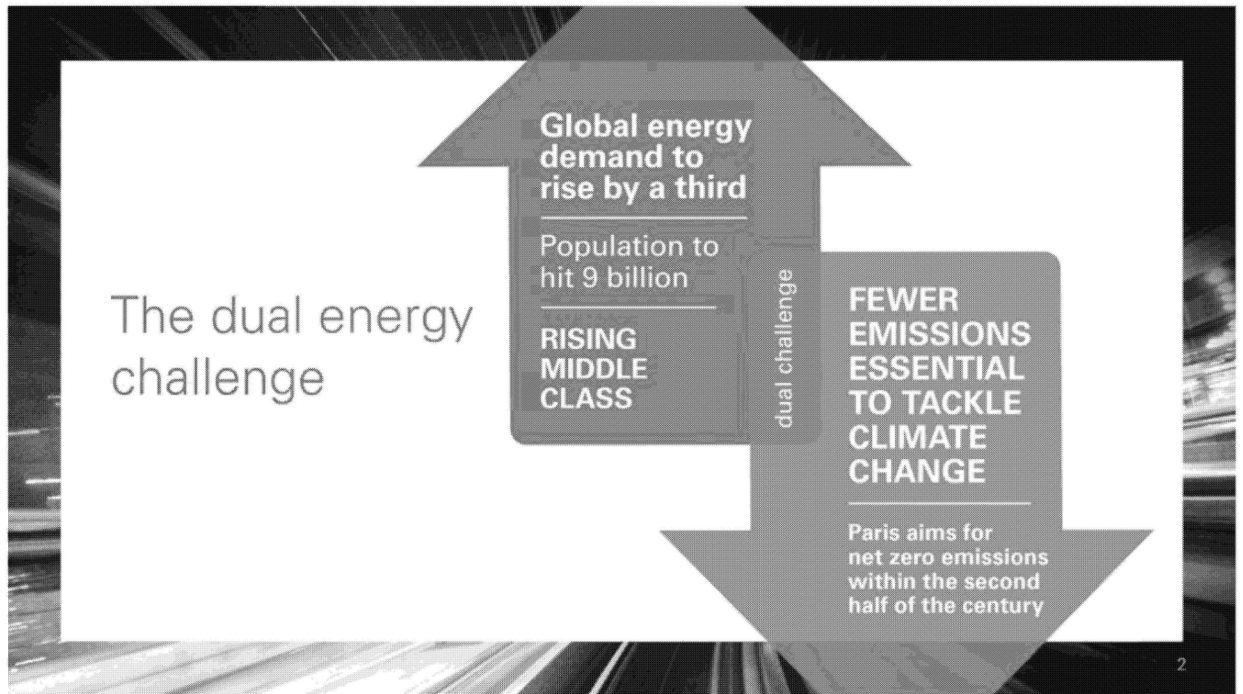
Support **111,000** additional jobs

\$115 billion+ invested since 2005

All key global business lines represented

Major U.S. operations:

- 3 exploration & production businesses
- 3 refineries
- 2 petrochemical plants
- 11 wind farms in 8 states
- 7,200 BPI/ARCO-branded retail sites
- 4,700 miles of pipelines owned or managed by USPL business

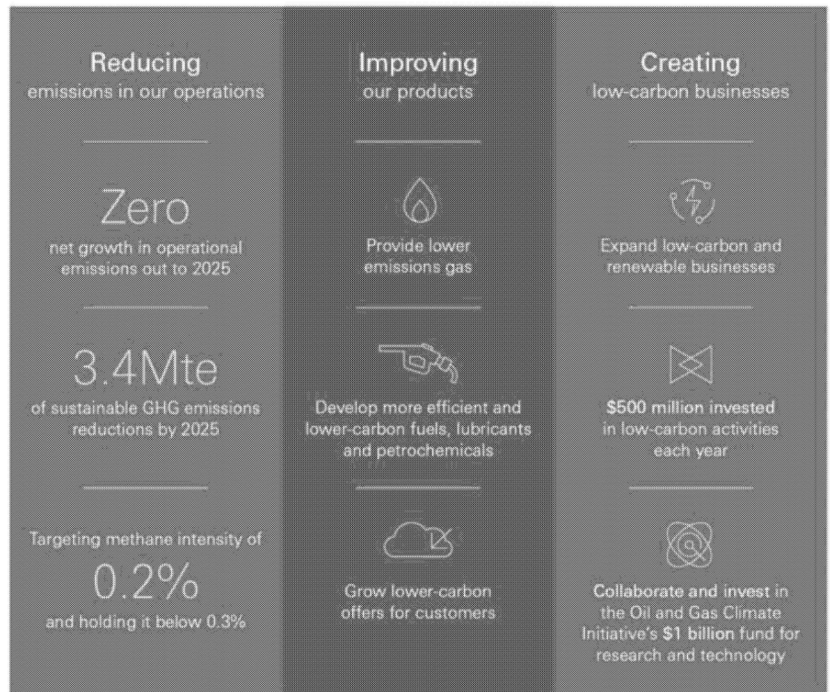


Our framework is focused on three core principles

BP supports the transition to a lower-carbon economy.

Our strategy for advancing the energy transition is based around a simple framework: "Reduce-Improve-Create."

Globally, BP plans to allocate at least \$500 million a year for low-carbon activities.



Partnerships, Venturing & Experimentation

Our approach is based on strategic partnerships, venturing and experimentation.

Targeted investments in five focus areas:

1. Advanced mobility
2. Bio- and low-carbon products carbon management
3. Digital transformation
4. Power and storage

BP Ventures has invested more than \$290 million since 2006.



Largest supplier
of renewable
natural gas to U.S.
transportation sector



\$30 million invested in
Fulcrum BioEnergy
(lower-carbon jet fuel & diesel)



\$20 million invested in Beyond Limits
(artificial intelligence & cognitive computing)

Investing in
the Oil & Gas
Climate Initiative's
\$1 billion fund

Co-investing
alongside the
OGCI fund in U.S.
companies like
Solidia, which
produces lightweight
concrete in a way
that can reduce its
carbon footprint by
up to 70%

Our employees are our greatest assets

We are committed to our employees being at their best with a strong focus on diversity and inclusion.

We want to build teams that reflect the communities we serve.

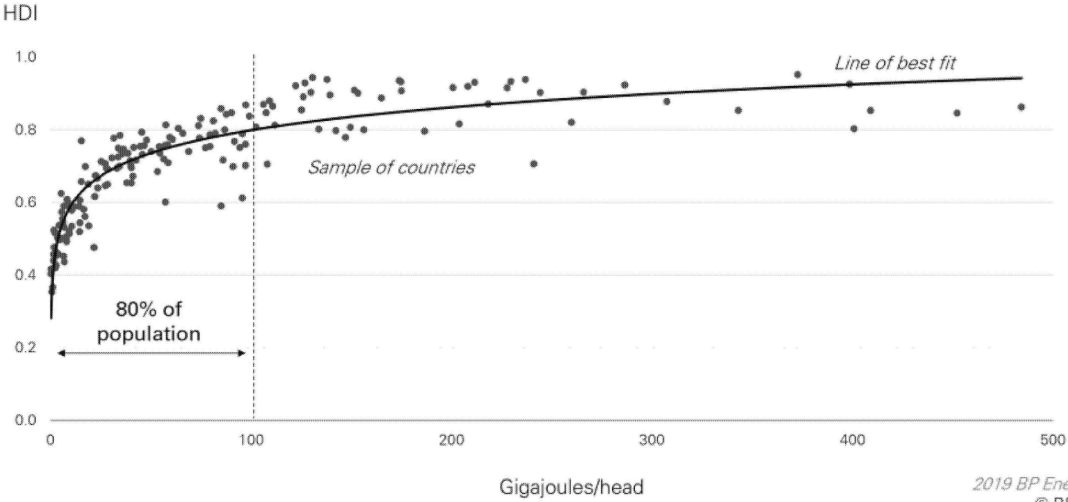


For background only.

Human development and energy consumption

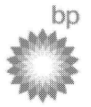


UN Human Development Index and energy consumption, 2017



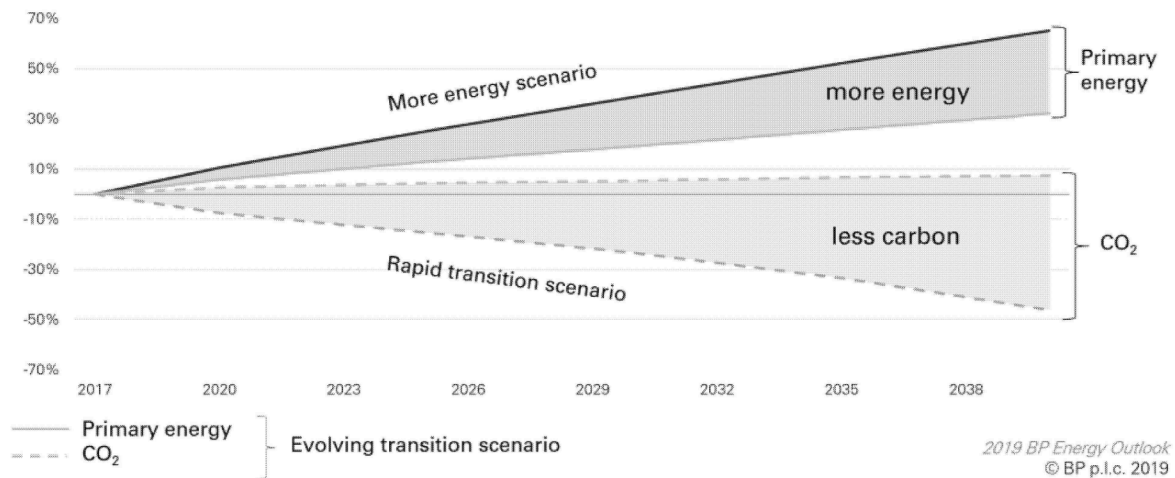
2019 BP Energy Outlook
© BP p.l.c. 2019

Dual challenge: more energy, less carbon



Primary energy demand and carbon emissions

Cumulative growth rate



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APPENDIX

A 14-year-long oil spill in the Gulf of Mexico verges on becoming one of the worst in U.S. history



An aerial image of an oil slick in the Gulf of Mexico, taken on April 28, 2018. (Oscar Garcia-Pineda)

By Darryl Fears

October 21, 2018

NEW ORLEANS — An oil spill that has been quietly leaking millions of barrels into the Gulf of Mexico has gone unplugged for so long that it now verges on becoming one of the worst offshore disasters in U.S. history.

Between 300 and 700 barrels of oil per day have been spewing from a site 12 miles off the Louisiana coast since 2004, when an oil-production platform owned by Taylor Energy sank in a mudslide triggered by Hurricane Ivan. Many of the wells have not been capped, and federal officials estimate that the spill could continue through this century. With no fix in sight, the Taylor offshore spill is threatening to overtake BP's Deepwater Horizon disaster as the largest ever.

Expansion plans come despite fears that the offshore oil industry is poorly regulated and that the planet needs to decrease fossil fuels to combat climate change, as well as the knowledge that 14 years after Ivan took down Taylor's platform, the broken wells are releasing so much oil that researchers needed respirators to study the damage.

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"I don't think people know that we have this ocean in the United States that's filled with industry," said Scott Eustis, an ecologist for the Gulf Restoration Network, as a six-seat plane circled the spill site on a flyover last summer. On the horizon, a forest of oil platforms rose up from the Gulf's waters, and all that is left of the doomed Taylor platform are rainbow-colored oil slicks that are often visible for miles. He cannot imagine similar development in the Atlantic, where the majority of coastal state governors, lawmakers, attorneys general and residents have aligned against the administration's proposal.

The Taylor Energy spill is largely unknown outside Louisiana because of the company's effort to keep it secret in the hopes of protecting its reputation and proprietary information about its operations, according to a lawsuit that eventually forced the company to reveal its cleanup plan. The spill was hidden for six years before environmental watchdog groups stumbled on oil slicks while monitoring the BP Deepwater Horizon disaster a few miles north of the Taylor site in 2010.

The Interior Department is fighting an effort by Taylor Energy to walk away from the disaster. The company sued Interior in federal court, seeking the return of about \$450 million left in a trust it established with the government to fund its work to recover part of the wreckage and locate wells buried under 100 feet of muck.

Taylor Energy declined to comment. The company has argued that there's no evidence to prove any of the wells are leaking. Last month, the Justice Department submitted an independent analysis showing that the spill was much larger than the one-to-55 barrels per day that the U.S. Coast Guard National Response Center (NRC) claimed, using data supplied by the oil company.

The author of the analysis, Oscar Garcia-Pineda, a geoscience consultant who specializes in remote sensing of oil spills, said there were several instances when the NRC reported low estimates on the same days he was finding heavy layers of oil in the field.

"There is abundant evidence that supports the fact that these reports from NRC are incorrect," Garcia-Pineda wrote. Later he said: "My conclusion is that NRC reports are not reliable."

In an era of climate change and warmer open waters, the storms are becoming more frequent and violent. Starting with Ivan in 2004, several hurricanes battered or destroyed more than 150 platforms in just four years.

On average, 330,000 gallons of crude are spilled each year in Louisiana from offshore platforms and onshore oil tanks, according to a state agency that monitors them.

The Gulf is one of the richest and most productive oil and gas regions in the world, expected to yield more than 600 million barrels this year alone, nearly 20 percent of the total U.S. oil production. Another 40 billion barrels rest underground, waiting to be recovered, government analysts say.

About 2,000 platforms stand in the waters off the Bayou State. Nearly 2,000 others are off the coasts of its neighbors, Texas and Mississippi. On top of that are nearly 50,000 miles of active and inactive pipelines carrying oil and minerals to the shore.

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And the costs are high.

For every 1,000 wells in state and federal waters, there's an average of 20 uncontrolled releases of oil — or blowouts — every year. A fire erupts offshore every three days, on average, and hundreds of workers are injured annually.

BP has paid or set aside \$66 billion for fines, legal settlements and cleanup of the 168 million-gallon spill — a sum that the oil giant could, painfully, afford. But many companies with Gulf leases and drilling operations are small, financially at-risk and hard-pressed to pay for an accident approaching that scale.

One of them was Taylor Energy.

'We had no idea'

Taylor Energy was a giant in New Orleans.

Owned by Patrick F. Taylor, a magnate and philanthropist who launched an ambitious college scholarship program for low-income students, it was once the only individually owned company to explore for and produce oil in the Gulf of Mexico, according to his namesake foundation.

Taylor made what was arguably his most ambitious transaction in 1995, when he took over an oil-production platform once operated by BP. Standing in more than 450 feet of water, it was about 40 stories tall. Its legs were pile-driven into the muddy ocean floor and funnels were attached to 28 drilled oil wells.

At its peak, the oil company helped make Taylor and his wife, Phyllis, the richest couple in the Big Easy.

That investment was obliterated on Sept. 15, 2004, when Hurricane Ivan unleashed 145 mph winds and waves that topped 70 feet as it roared into the Gulf. Deep underwater, the Category 4 storm shook loose tons of mud and buckled the platform.

The avalanche sank the colossal structure and knocked it "170 meters down slope of its original location," researcher Sarah Josephine Harrison wrote in a postmortem of the incident.

More than 620 barrels of crude oil stacked on its deck came tumbling down with it. The sleeves that conducted oil from its wells were mangled and ripped away. A mixture of steel and leaking oil was buried in 150 feet of mud.

Less than two months after the storm, Patrick F. Taylor died of a heart infection at 67, leaving a fortune for philanthropy and a massive cleanup bill.

Taylor Energy reported the spill to the Coast Guard, which monitored the site for more than half a decade without making the public fully aware of the mess it was seeing. Four years after the leak started, in July 2008, the Coast Guard informed the company that the spill had been

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deemed “a continuous, unsecured crude oil discharge” that posed “a significant threat to the environment,” according to a lawsuit between Taylor Energy and its insurer.

Taylor Energy made a deal with federal officials to establish a \$666 million trust to stop the spill.

It would be a delicate, risky operation. Taylor and the contractors it hired were asked to somehow locate wells in a nearly impenetrable grave of mud and debris, then cap them. Failing that, it could create a device to contain the leak.

But they were forbidden from boring or drilling through the muck for fear that they would strike a pipe or well, risking the kind of catastrophe on the scale of the BP disaster a few miles south. That precaution slowed the pace of the salvage operation.

“We had no idea that any of that was going on,” said Marylee Orr, executive director of the Louisiana Environmental Action Network.

Taylor Energy spent a fortune to pluck the deck of the platform from the ocean and plug about a third of the wells. It built a kind of shield to keep the crude from rising.

But no matter what it did, the oil kept leaking.

'It was there all the time'

In 2010, six years after the oil leak started, scientists studying the BP spill realized something was amiss with the oil slicks they were seeing.

“We were flying to monitor the BP disaster and we kept seeing these slicks, but they were nowhere near the BP spill,” said Cynthia Sarthou, executive director of the Gulf Restoration Network, which monitors the water from boats and planes.

Satellite images confirmed the oddity.

“It was there all the time, longer than the BP spill,” said John Amos, founder and president of Sky Truth, a nonprofit organization that tracks pollution.

Under the Oil Pollution Act, companies are obligated to report hazardous spills to the NRC, which maintains a database of chemical pollution.

No law compels the companies or the federal government to raise public awareness, but the Clean Water Act clearly calls for citizen involvement.

Environmentalists took Taylor Energy to court.

In their lawsuit, the conservationists called the agreement between Taylor Energy and the federal government a secret deal “that was inconsistent with national policy.”

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That policy, they argued, was made clear in the Clean Water Act, which mandates “public participation in the . . . enforcement of any regulation.” Citizen participation, the act says, “shall be provided for, encouraged and assisted.”

Taylor Energy and the Coast Guard — which is part of a Unified Command of federal agencies that includes the Interior Department, National Oceanic and Atmospheric Administration and the Environmental Protection Agency — did not live up to the policy. In fact, the public wasn’t made aware of the spill even after a private firm tested fish in the area and submitted an assessment to Taylor Energy in 2009 that said “there is an acceptable risk to humans if fish from the . . . area are consumed.”

“Taylor has failed to provide the public with information regarding the pace and extent of the oil leaks and Taylor’s efforts to control the leaks,” the lawsuit said.

It would take another three years before the government revealed an even deeper truth. Taylor Energy had been playing down the severity of the spill. An Associated Press investigation in 2015 determined that it was about 20 times worse than the company had reported.

Taylor Energy had argued that the leak was two gallons per day; the Coast Guard finally said it was 84 gallons or more, and was almost certainly coming from any of 16 wells.

“There’s a fine for not reporting, but none for underreporting,” Amos said. “If it’s only three gallons a day, who cares, that’s a trivial problem.”

'An act of God'

Nearly a decade after the oil platform went down, the government determined that the actual level of oil leaking into the Gulf was between one and 55 barrels per day. Now, the new estimate dwarfs that: up to 700 barrels per day. Each barrel contains 42 gallons.

Despite that finding, NOAA is still in the early stages of a resource assessment of marine life that could explain the impact of the Taylor Energy spill, and is more than three years behind a deadline to issue a biological determination of the BP spill’s impact on marine life.

In July, Earthjustice, a nonprofit legal organization that represents conservation groups, sued NOAA for failing to produce a timely study.

Like Eustis, Amos said Atlantic coast residents should be wary. But in that region, where beaches and tourism enrich nearly every state, distrust over offshore leasing and drilling is bipartisan.

Governors, state lawmakers and attorneys general lashed out at the administration’s proposal. New Jersey passed a law that forbids oil and infrastructure in state waters three miles from shore, crippling any effort to run pipelines from platforms to the shore. Other states passed similar laws.

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In the Carolinas, where Hurricane Florence's winds topped 150 mph and produced a monster 83-foot wave as it neared landfall, governors who represent both political parties implored Interior Secretary Ryan Zinke to rethink the plan.

Meanwhile, in the Gulf, Taylor Energy was down to a single employee — its president, William Pecue.

At a 2016 public forum in Baton Rouge, Pecue made the case for allowing the company to walk away from its obligation to clean up the mess. Taylor Energy had been sold to a joint venture of South Korean companies in 2008, the same year it started the \$666 million trust. A third of the money had been spent on cleanup, and only a third of the leaking wells had been fixed. But Pecue wanted to recover \$450 million, arguing the spill could not be contained.

"I can affirmatively say that we do believe this was an act of God under the legal definition," Pecue said. In other words, Taylor Energy had no control over the hurricane.

But Ivan was no freak storm.

It was one of more than 600 that have been tracked in the Gulf since records were kept in the mid-1800s, according to NOAA.

Fourteen years after the Taylor spill, and 10 years after the Deepwater Horizon disaster, the federal government still doesn't know the spills' full impact on marine life. And there is no economic analysis showing the value of the oil flowing into the sea and potential royalties lost to taxpayers. Activists also want an analysis to determine if oil is ruining marshland and making its way to beaches.

"Even though oil did not reach a lot of these beaches [during the BP spill], the fact that the public heard about it, it killed the beach economy for quite some time," Sarthou said. "You don't want to go to a beach with tar balls or oil washing up."

At the time, Sarthou was unaware that Garcia-Pineda was conducting a study in the Gulf that would show the spill was far worse than imagined — up to 10 times worse than what the federal government was reporting.

As the saga in the Gulf plays out, wary officials on the Atlantic coast are anxiously watching President Trump's proposal to offer federal offshore leases.

It would take at least a decade for Atlantic drilling to start. The industry would first want to conduct seismic testing to determine the amount of oil and gas in the ground. Depending on the results, companies would bid for the leases. Interior has yet to approve seismic testing, which some studies say harms marine life, including large mammals such as dolphins and whales.

Oil and gas representatives say energy development off that coast could provide South Carolina with \$2.7 billion in annual economic growth, 35,000 jobs and potentially lower heating costs for residents struggling to pay their bills.

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During a federal informational hearing in South Carolina to explain the Trump administration's plan in February, Mark Harmon, the director of a state unit of the American Petroleum Institute, stressed that point. "Ultimately, it means the potential for jobs and reinvestment in the community," he said.

Once the oil industry gains a foothold in a region, it's game over, said Chris Eaton, an Earthjustice attorney.

"A major part of the economy starts to change" as jobs with pay approaching \$100,000 transform a tourism market to oil. "If it gets going, that train isn't going to stop," he said. "Let's talk about what's happening in the Gulf before we move into the Atlantic."

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Agenda Friday August 9th

Thursday, August 1, 2019 2:50 PM

August 9, 2019

Friday

August 2019

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September 2019

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Dio, Susan W

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