

Message

From: Mortimer, Richard (SUN) [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=██████████]
Sent: 18/03/2020 09:01:49
To: Hill, Gardiner [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=██████████]; Stout, Robert [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=██████████]; Loader, Neil [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=██████████]
CC: Kelly, Cathal [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=██████████]; Simpson, Kate [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=██████████]; Lawson, Nicholas J. [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=██████████]; Birrell, Gordon Y [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=██████████]; Nash, Mike A (Legal) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=██████████]; Povey, Brian [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=██████████]; Hashmi, Ahmed A [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=██████████]; Rios, Aleida G [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=██████████]; Collins, Andrew [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=██████████]; Cooper, Rob [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=██████████]; Krieger, Andy G [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=██████████]; Lawler, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=██████████]; Ford, Susan J (Sunbury) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=██████████]; Emery, Dominic [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=██████████]; Watson, Morag S [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=██████████]; O'Brien, Robert [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=██████████]; Fagbayi, Kola [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=██████████]; Shaw, Stephen [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=██████████]; Flores, Ariel D [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=██████████]; RagoonananJalim, Karen [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=██████████]; Price, Bruce [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=██████████]; Bitar, Fawaz K [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=██████████]; O'Connor, David J [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=██████████]; McCormack, Kirsty [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=██████████];

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[/o=ExchangeLabs/ou=Exchange Administrative Group
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(FYDIBOHF23SPDLT)/cn=Recipients/cn=[REDACTED]; Smith, Russell I.
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(FYDIBOHF23SPDLT)/cn=Recipients/cn=[REDACTED]; Forman, Paul
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(FYDIBOHF23SPDLT)/cn=Recipients/cn=[REDACTED]; Streett, Mary
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Subject: RE: Pre-read: Upstream Carbon Steering Team Meeting, March 18, 2020

Attachments: Progressing a Lower Carbon Agenda - Workshop TOR.docx

Bob (and Neil for CST agenda item suggestion at end),

Building on Gardiner's point – It seems that the number of discrete organisations popping up to offer 'help' in the Energy Transition space in general is becoming increasingly busy, overlapping and un-coordinated. This MJB proposal for US Onshore Methane Best Practice is just one of many.

Just in the Methane Principles area we have OGCI, OGMP (Oil and Gas Methane Partnership), EDF, CCAC (Climate and Clean Air Coalition (UN)), IPEICA and others. These organisations in general are working in the policy, advocacy or principles level but increasing looking to embed their agendas into internationally recognised Recommended Practice and Standards which can make for a progressive voluntary baseline for willing operators and foundation for future progressive legislation for others

My personal view is we need to make better and more co-ordinated use of the organisations we currently support rather than create or support any new.

The Environmental and Standards Committees (which I Chair) of IOGP together with the Engineering Leadership Council (Heads of Engineering of the 12 Major Operators involved in JIP-33) recognise this and believe there is a need for better Operator coordination of these efforts in particular as it relates to translation into accepted technical guidance, recommended practice and internationally recognised standards. To progress this we have initiated a workstream with IOGP to map the current activities of the various organisations and then identify and deliver opportunities for improving sharing, collaboration, Operator led co-ordination and conversion into Guidance, RP or Standards. Methane is an important sub-set of this mapping activity. Draft Term of Reference for this are attached. Plan was to hold a workshop at the end of April (now deferred). Most of the 12 Operators planned to attend as did API, DNV, Norosk, OGCI and IPEICA. We will convert this into a framing telcon followed by bi-lateral (IOGP Working Group and target Organisation) calls to seek the views on their current activity, gaps, opportunities, requests for support. These will be consolidated and then proposal made to IOGP MC on forward Strategy. We could add the MJB proposal to this list. BP taking a leading role in this would seem to be aligned with Aim 6. Exxon, Chevron, API and DNV (as well as the obvious others) are highly aligned with this approach.

I would welcome a BP integrated Steering Team for Aim 6 – in a similar vein to those we are setting up for Aims 1 and 4 – that as well as advocacy and policy strategy also includes strategy setting for BPs approach to the engineering Guidance, RP and Standards part of this agenda.

I suggest this final point is worth discussion at the CST rather than the specifics of the MJB offer which personally I would put on hold until we have resolved the broader issue.

Regards

Richard Mortimer
VP Engineering
BP Global Projects Organisation

Mobile: [REDACTED]

Confidential

From: Hill, Gardiner <[REDACTED]@uk.bp.com>
Sent: 18 March 2020 08:05
To: Stout, Robert <[REDACTED]@bp.com>; Loader, Neil <[REDACTED]@uk.bp.com>; Birrell, Gordon Y <[REDACTED]@uk.bp.com>; Nash, Mike A (Legal) <[REDACTED]@uk.bp.com>; Povey, Brian <[REDACTED]@uk.bp.com>; Hashmi, Ahmed A <[REDACTED]@uk.bp.com>; Rios, Aleida G <[REDACTED]@bp.com>; Collins, Andrew <[REDACTED]@se1.bp.com>; Cooper, Rob <[REDACTED]@uk.bp.com>; Krieger, Andy G <[REDACTED]@bp.com>; Lawler, David <[REDACTED]@bp.com>; Ford, Susan J (Sunbury) <[REDACTED]@uk.bp.com>; Emery, Dominic <[REDACTED]@uk.bp.com>; Watson, Morag S <[REDACTED]@bp.com>; O'Brien, Robert <[REDACTED]@uk.bp.com>; Fagbayi, Kola <[REDACTED]@bp.com>; Shaw, Stephen <[REDACTED]@uk.bp.com>; Flores, Ariel D <[REDACTED]@uk.bp.com>; RagoonananJalim, Karen <[REDACTED]@bp.com>; Mortimer, Richard (SUN) <[REDACTED]@bp.com>; Price, Bruce <[REDACTED]@uk.bp.com>; Bitar, Fawaz K <[REDACTED]@uk.bp.com>; O'Connor, David J <[REDACTED]@bp.com>; McCormack, Kirsty <[REDACTED]@bp.com>; Niblock, Hugh <[REDACTED]@bp.com>; Evans, Peter <[REDACTED]@uk.bp.com>; Smith, Russell I. <[REDACTED]@uk.bp.com>; Forman, Paul <[REDACTED]@bp.com>; Streett, Mary <[REDACTED]@bp.com>
Cc: Kelly, Cathal <[REDACTED]@bp.com>; Simpson, Kate <[REDACTED]@bp.com>; Lawson, Nicholas J. <[REDACTED]@bp.com>
Subject: RE: Pre-read: Upstream Carbon Steering Team Meeting, March 18, 2020

Bob,

Thanks for sharing. There seems to be an increasing number of partnerships and collaborations presenting themselves to us. Yesterday I heard about the oil and gas Methane Partnership, which we are aiming to join.

It would be useful to know if someone in BP has an overview of all of these we are participating in – a kind of “go to list”, so:

- We can all be aware of what we are participating in
- We know who is the SPA for the collaboration – and hence who to connect with
- The purpose and opportunity of our participation is clear
- We can sense check new invitations against those we are already working with.
- We are clear how each supports our aims

Neil, does someone in your team have such an overview? I would find such a list very helpful.

Thanks.

Kind regards,
Gardiner

From: Stout, Robert <[REDACTED]@bp.com>
Sent: 17 March 2020 16:18
To: Loader, Neil <[REDACTED]@uk.bp.com>; Birrell, Gordon Y <[REDACTED]@uk.bp.com>; Nash, Mike A (Legal) <[REDACTED]@uk.bp.com>; Povey, Brian <[REDACTED]@uk.bp.com>; Hashmi, Ahmed A <[REDACTED]@uk.bp.com>;

Rios, Aleida G <@bp.com>; Collins, Andrew <@se1.bp.com>; Cooper, Rob <@uk.bp.com>; Krieger, Andy G <@bp.com>; Lawler, David <@bp.com>; Ford, Susan J (Sunbury) <@uk.bp.com>; Emery, Dominic <@uk.bp.com>; Watson, Morag S <@bp.com>; Hill, Gardiner <@uk.bp.com>; O'Brien, Robert <@uk.bp.com>; Fagbayi, Kola <@bp.com>; Shaw, Stephen <@uk.bp.com>; Flores, Ariel D <@uk.bp.com>; RagoonianJalim, Karen <@bp.com>; Mortimer, Richard (SUN) <@bp.com>; Price, Bruce <@uk.bp.com>; Bitar, Fawaz K <@uk.bp.com>; Niblock, Hugh <@bp.com>; O'Connor, David J <@bp.com>; McCormack, Kirsty <@bp.com>; Evans, Peter <@uk.bp.com>; Smith, Russell I. <@uk.bp.com>; Forman, Paul <@bp.com>; Streett, Mary <@bp.com>
Cc: Kelly, Cathal <@bp.com>; Simpson, Kate <@bp.com>; Lawson, Nicholas J. <@bp.com>; Stout, Robert <@bp.com>

Subject: RE: Pre-read: Upstream Carbon Steering Team Meeting, March 18, 2020

Neil/all:

I know the agenda is very full so not sure we will have a chance to discuss this tomorrow, but I wanted to make you and others on this note aware of another high-value initiative we have been invited to join in the low methane emissions gas space. It would not overlap but would support our ongoing work on methane individually and with EDF, who would not be directly involved but is supporting the effort.

As a quick overview, the initiative is being led by a group called Michael J. Bradley & Associates (MJB). MJB will convene 2-4 natural gas producers with US operations willing to lean in on methane – likely including BP, COP and one or two US independents -- to identify and advance a few specific strategies for defining “responsible practices” as they pertain to low methane emissions in natural gas production. This would purposely be a small, strategic, and analytical collaboration, with *no initial commitments (i.e., no participant funding required)*, in contrast with MGP, OGCI and other large, global initiatives in which we already participate.

Mary Streett has worked closely with Michael Bradley before on collaborations they have convened among forward-leaning companies in the power sector and ENGOs/other stakeholders to support well-designed clear air policies and regulation. Redacted - First Amendment

Redacted - First Amendment

Redacted - First Amendment This collaboration would also help shape our thinking and provide an avenue for input and influence into ongoing, parallel power sector initiatives focused on defining the attributes of low methane emissions gas. This notably includes the Natural Gas Sustainability Initiative (NGSI) sponsored by the Edison Electric institute (EEI), which MJB has also been involved in advising. Eventually, this could provide opportunities to create partnerships and facilitate alignment between these and other customer-focused and producer-focused efforts to address methane, rather than having them proceed in parallel silos.

MJB had originally intended to form the group and convene an initial ftf meeting sometime in late March or early April, but this will obviously be delayed a bit now. At the same time, we might be able to use this time to reach out to other potential participants and progress the

formation of the group over the coming weeks. Given the US focus, I suggest that Kola and I work this initially along with Mary while keeping this group informed.

Further detail is provided below and in the attached Concept Paper.

Thanks and I look forward to our call tomorrow.

Best,

Bob

FURTHER DETAIL ON INITIATIVE AND MJB (see also attached Concept Paper)

MJB would lead a small group of 2-4 US producers in developing an ambitious yet achievable set of objectives that advances the strategic interests of participating companies. Specific questions and topics to be explored in this initial scoping phase include:

- What are the key metrics for defining “responsible practices” for low methane emissions oil and natural gas production operations?

Redacted - First Amendment

- What operating protocol would be appropriate for defining how advanced methane detection and measurement technologies should be applied at production facilities to detect fugitive emissions in a timely manner?
- If defining “responsible practices” for voluntary, commercially-focused opportunities, what parameters should be considered that may not be part of a policy or regulatory program? For example, what would be acceptable approaches to validating or certifying company performance?

While this collaboration would be designed to directly support the strategic objectives of participating companies, progress on many topics will be predicated on establishing a constructive working relationship with a variety of key external stakeholders, including investors, customers and environmental organizations at appropriate points in the process. As mentioned above, we have already run this idea by EDF and they are supportive of it. The specific objectives would be further defined as the process moves forward, but the general goal would be to seek opportunities for information sharing and collaboration on topics where interests align.

M.J. Bradley & Associates:

MJB provides strategic consulting services to address energy and environmental issues for the energy sector along with public and non-profit sectors. In addition to traditional consulting engagements addressing technical, economic and policy topics, the firm has a proven history of convening multi-company initiatives to address key strategic climate/environmental challenges and opportunities facing specific energy industries. MJB has a long-standing coalition called the Clean Energy Group where the firm supports major electric utilities and power producers in shaping policies and industry strategies to address climate/environmental concerns. MJB also convenes multiple initiatives addressing climate/environmental challenges for companies that purchase natural gas for use in power generation or delivery to end-use customers.

From: Loader, Neil [REDACTED]@uk.bp.com>
Sent: Sunday, March 15, 2020 4:17 PM
To: Birrell, Gordon Y [REDACTED]@uk.bp.com>; Nash, Mike A (Legal) [REDACTED]@uk.bp.com>; Povey, Brian [REDACTED]@uk.bp.com>; Hashmi, Ahmed A [REDACTED]@uk.bp.com>; Rios, Aleida G [REDACTED]@bp.com>; Collins, Andrew <[REDACTED]@se1.bp.com>; Cooper, Rob [REDACTED]@uk.bp.com>; Krieger, Andy G [REDACTED]@bp.com>; Lawler, David [REDACTED]@bp.com>; Ford, Susan J (Sunbury) <[REDACTED]@uk.bp.com>; Emery, Dominic [REDACTED]@uk.bp.com>; Watson, Morag S [REDACTED]@bp.com>; Hill, Gardiner [REDACTED]@uk.bp.com>; O'Brien, Robert [REDACTED]@uk.bp.com>; Fagbayi, Kola <[REDACTED]@bp.com>; Shaw, Stephen <[REDACTED]@uk.bp.com>; Flores, Ariel D [REDACTED]@uk.bp.com>; RagoonianJalim, Karen [REDACTED]@bp.com>; Mortimer, Richard (SUN) <[REDACTED]@bp.com>; Price, Bruce <[REDACTED]@uk.bp.com>; Bitar, Fawaz K [REDACTED]@uk.bp.com>; O'Connor, David J [REDACTED]@bp.com>; McCormack, Kirsty [REDACTED]@bp.com>; Niblock, Hugh [REDACTED]@bp.com>; Evans, Peter <[REDACTED]@uk.bp.com>; Smith, Russell I. [REDACTED]@uk.bp.com>; Forman, Paul [REDACTED]@bp.com>; Stout, Robert <[REDACTED]@bp.com>; Streett, Mary [REDACTED]@bp.com>
Cc: Kelly, Cathal [REDACTED]@bp.com>; Simpson, Kate <[REDACTED]@bp.com>; Lawson, Nicholas J. <[REDACTED]@bp.com>
Subject: Pre-read: Upstream Carbon Steering Team Meeting, March 18, 2020

Hi everyone,

Please see the attached pre-read for the meeting below, this coming Wednesday.

Regards,
Neil

(Cell)
[REDACTED] Teams)

-----Original Appointment-----

From: Birrell, Gordon Y [REDACTED]@uk.bp.com>
Sent: Wednesday, November 27, 2019 9:40 AM
To: Birrell, Gordon Y; Nash, Mike A (Legal); Povey, Brian; Hashmi, Ahmed A; Rios, Aleida G; Collins, Andrew; Cooper, Rob; Krieger, Andy G; Lawler, David; Ford, Susan J (Sunbury); Emery, Dominic; Watson, Morag S; Hill, Gardiner; O'Brien, Robert; Fagbayi, Kola; Shaw, Stephen; Flores, Ariel D; RagoonianJalim, Karen; Loader, Neil; Mortimer, Richard (SUN); Price, Bruce; Bitar, Fawaz K; O'Connor, David J; McCormack, Kirsty
Cc: Kelly, Cathal; Simpson, Kate; Lawson, Nicholas J.
Subject: Upstream Carbon Steering Team Meeting
When: Wednesday, March 18, 2020 1:00 PM-2:30 PM (UTC+00:00) Dublin, Edinburgh, Lisbon, London.
Where: Microsoft Teams Meeting / SJS 3-56 Sunflower

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[REDACTED] United Kingdom, London (Toll)

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