



PROJECT TEAM PROPOSAL SPECIFICATION SUPPORT

PIDX Document Title: Emissions Transparency Data Exchange Page 1 of 8
Document ID:

PTP Version 2
Date: 05/26/2020

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TABLE OF CONTENTS

1.	PROPOSED PROJECT TEAM / STUDY NAME	2
2.	DESCRIPTION.....	2
2.1	PURPOSE	3
2.2	SCOPE	3
2.3	GOAL	3
2.4	PROPOSAL	4
3	PIDX DEFINITIONS	4
4	BENEFITS.....	4
5	SPONSOR AND PARTICIPANTS	5
6	DELIVERABLE SCHEDULE	5
7	ANTICIPATED COMPLETION DATE.....	6
8	INITIAL CONTRIBUTIONS	7
9	PIDX RESOURCE REQUIREMENTS	7
10	SPONSORING MEMBER /WORK GROUP/ SUB-COMMITTEE.....	7
11	PIDX EXECUTIVE COMMITTEE	8

1. Proposed Project Team / Study Name

Emissions Transparency Data Exchange

Page 2 of 8

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2. Description

2.1 Purpose

Develop the energy transition standards for data exchange regarding carbon emissions and other energy transition-type needs that are designed to be harmonized/normalized across industry participants

2.2 Scope

- Perform Collaborative Discovery (gather requirements from participating members and including industry best practices and other bodies (UN, CDP))
- Develop scope, metrics and standards for data exchange normalized across industry participants

The GHG Protocol Corporate Standard classifies a company's GHG emissions into three 'scopes'. Scope 1 emissions are direct emissions from owned or controlled sources. Scope 2 emissions are indirect emissions from the generation of purchased energy. Scope 3 emissions are all indirect emissions (not included in scope 2) that occur in the value chain of the reporting company, including both upstream and downstream emissions.

From a PIDX members view point – some members GHG Scope 2 (Operators) may be in other members GHG Scope 1 (Suppliers). Will look to the project team to ascertain what scope to focus on for the first normalized standard(s) delivery.

2.3 Goal

Provide a proposal on standards for data exchange as well as how data would be collected - via data models and data definitions for carbon footprint as well as a recommendation for pilots, POCs. Need to have an agile mindset and, via iterations, solve for specific needs to show progress on a "minimum viable product" in two phases: 1) harmonization of a specific energy transition-type need (data) across industry participants and 2) develop a prototype of collecting, normalizing the data

2.3.1 Identify criteria for success of the deliverables / specification as deployed in industry.

Phase 1. Standards proposal on data needed for energy transition requirements

Phase 2. Alternatives to capture the data needed and aid in reporting

2.3.2 Identify all of the stakeholders of which you are aware. Operators, Suppliers, and Marketplaces

Energy Transition teams within the various PIDX members

2.3.3 Identify the stakeholders who are willing to join the work effort.
(See Sponsor & Participants)

PIDX Board

2.4 Proposal

Leverage the PIDX framework to establish clear data standards and exchange needs in the energy industry amongst suppliers, operators and networks. Create a forum to not just develop these standards but also create alternatives on how the data could be collected and reported holistically. Partner with the PIDX working group around the digital industrial data exchange platform proposal as a basis to provide the data collection and reporting needs around energy transition requirements.

Include members from the member energy transition teams to be part of the working group - separate from current B2B engagements.

3 PIDX Definitions

Energy Scope - to be determined by the working body, including Definitions to support Energy Reporting needs.

For the scope:

The GHG Protocol Corporate Standard classifies a company's GHG emissions into three 'scopes'. From a PIDX members view point – some members GHG Scope 2 (Operators) may be in other members GHG Scope 1 (Suppliers). Will look to the project team to ascertain what scope to focus on for the first normalized standard(s) delivery.

Refer to Initial Docs

4 Benefits

- List benefits for all PIDX users

Clarity on energy standards by region, regulation, etc.
 Transparency of reporting
 Alignment between operators, suppliers and network on data needed to meet requirements.
 Technical integrations (APIs, etc) for reuse and sustainability
 Potential savings of 1-2FTE in resource savings by participant working collaboratively in the PiDX framework

5 Sponsor and Participants

PIDX member/company sponsoring development of these specifications/this project:

Member	Company	E-Mail Address
Stephanie Waters	Chevron	swaters@chevron.com
Sebastian Gass		Sebastian.Gass@chevron.com
Kadri Umay	Microsoft	Kadri.Umay@microsoft.com

The following PIDX members/companies are participants in the development of these specifications:

Member	Company	E-Mail Address
Franz Helin	Chevron	Franz.Helin@chevron.com
Kadri Umay		Kadri.umay@microsoft.com

Mail distribution list required?	
Please provide the name of the mail distribution list:	

6 Deliverable Schedule



Component	Status	Estimated Completion Date

7 Anticipated Completion Date

First MVP Target by August 30, 2020

8 Initial Contributions

Document name	Type of Document	Document Source
https://ghgprotocol.org/sites/default/files/standards_supporting/FAQ.pdf	Reference	Greenhouse Gas Protocol site = definition of Emissions Scope
https://ghgprotocol.org/standards	Reference	Greenhouse Gas Protocol site – standards already existing
https://www.epa.gov/ghgreporting/ghgrp-and-oil-and-gas-industry	Reference	EPA Reporting requirements
https://oilandgasclimateinitiative.com	Reference	Oil and Gas Climate Initiative
https://www.globalgoals.org/7-affordable-and-clean-energy#targets'	Reference	UN Global Goals

9 PIDX Resource Requirements

PIDX staff and/or contracted resources

Minute taking	X			
Facilitation	X			
Planned activity	Number per month	Number of months	Duration (hrs)	Total PIDX Time (hrs)
Conference calls	2	3	2	160
Face to face meetings	1	1	4	4

Total PIDX staff time required for this project.	1
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10 Sponsoring Member /Work Group/Sub-Committee

This specification has been submitted by Stephanie Waters (Chevron) on behalf of the Strategic Initiatives Work Group/ Sub-Committee.

Contact Information:

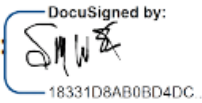
Name: Stephanie Waters

Company: Chevron

Mailing Address: 1600 Smith, Houston TX 77002

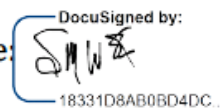
Telephone: 7137543006

E-Mail Address:

Signature: 

The chair of this Work Group/ Sub-Committee has reviewed this submission for completeness and understands this particular Work Group/ Sub-Committee is the Sponsoring Work Group/ SIG, responsible for the communication process. This does not mean the Chair or Work Group/ SIG is approving the actual work or its inclusion in any specification.

Chair's Signature

Signature: 

PIDX President and Chair, PIDX Executive Committee

11 PIDX Executive Committee

Upon review by the PIDX Executive Committee, this Project Team Proposal (PTP) is:

Approved

Denied

Requires additional information

If “Denied” or “Requires additional information, please provide details:

Recorded by: Daniela Freeman

Standards & Compliance Manager, PIDX International

Note: Project Team name updated from “Energy Transition Normalized Data and Exchange Standards” to “Emissions Transparency Data Exchange” on 5/21/2020.