

Project Management Committee

Meeting #2



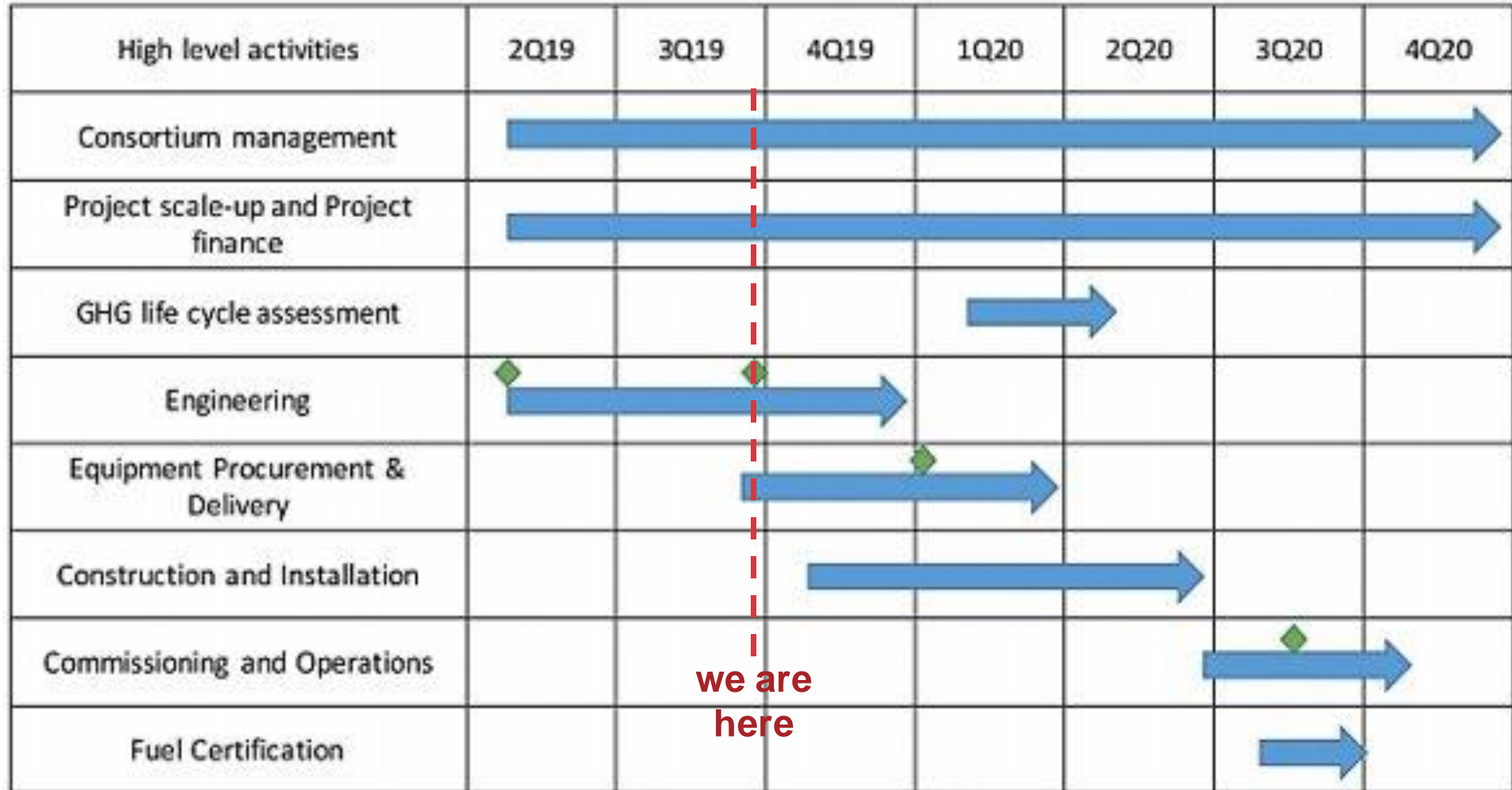
28 August 2019



Proposed Agenda

1. Roll Call and Word of Chairman
2. Adoption of Agenda
3. Adoption of the minutes of the July 24, 2019 PMC meeting
4. Adoption of the minutes of the August 16, 2019 PMC (special meeting and ratification of the resolutions that were adopted)
5. Report from Operation Teams (CCG – Alex Jordan & CSI – Richard Surprenant)
6. Varia & approval of next meeting dates

Initial project timeline recap



NRCAN milestones recap

Completion	Description of key project milestones	Required evidence/documentation for validation of milestones	Amount
June 2019	#1 - Project launch and Engineering kick-off	Copy of PO / contract for detailed Eng Req's Copy of Minutes of Meeting Copy of Project Initiation Documentation	NRCAN: \$219,900
Sept 2019	#2 – Preliminary Design Report and Procurements kick-off	Copy of Preliminary design report PO or rental order for FT equipment PO or rental order for the RWGS equipment	NRCAN: \$736,100 SAF+ :\$12,000
Nov 2019	#3 – Kick-off of the construction of the CO2 conversion installation	PO for the construction work	NRCAN: \$278,500 SAF+: \$64,800
April 2020	#4 –Delivery and receipt of Equipment	Shipment and handling doc's for FT and RWGS Visual Documentation for FT and RWGS	NRCAN: \$686,100 SAF+: \$101,200
July 2020	#5 – Installation, Commissioning of the system and kick-off of Production	Commissioning report Visual documentation (photos and video)	NRCAN: \$52,800 SAF+: \$135,000
Nov 2020	#6 – FINAL MILESTONE: DELIVERY of SAF and PROJECT COMPLETION	10 L of SAF Final Reports on: SAF lab analysis; Commercial scale-up plans; Techno-economic Analysis; LCA with numbers on GES and CI expected reductions	NRCAN: \$26,600 SAF+: \$587000

Project Assumptions & Constraints recap

Description	Status	Date Entered	Last reviewed
SAF must be entirely produced in Canada	Open	2019-06-27	2019-07-09
CO2 solutions will manage EPC of the project and will report to SAF+ project team on the progress (CO2 solution will provide Procurement management plan that includes detailed supplier selection process)	Open	2019-06-27	2019-07-04
CO2 Solutions will provide the personnel needed to manage the EPC and perform operations, will provide captured CO2 for the duration of the project and will provide a techno-economical report on an in-kind basis	Open	2019-06-27	2019-07-04
SAF+ project team will participate in the supplier selection process and sign off on the final choices. For example, for any pre-selected suppliers, CO2 solutions provide documentation supporting selection process.	Open	2019-06-27	2019-07-04
CSI and CCG will find any funding needed for the project in addition to the 2 M\$	Open	2019-06-27	2019-07-04

Operations milestone

Task	Responsible	Due date	July		August				September						
			22-Jul	29-Jul	05-Aug	12-Aug	19-Aug	26-Aug	02-Sep	09-Sep	16-Sep	23-Sep	30-Sep		
Engineering requirements contract signature															
Confirm Hatch partnership	CSI	26-Jul	█												
Obtain offer for engineering requirements	CSI	02-Aug		█											
Review offer	CSI/SAF+	06-Aug			█										
Negotiate offer	SAF+	09-Aug			█										
Approve & Sign contract for engineering requirements	PMC	09-Aug			█										
Work start	Eng. Co.	12-Aug				█	█	█	█						
Work delivered	Eng. Co.	03-Sep							█						
Initiation documents approval															
Prepare initiation documents draft	CCG	DONE													
Review and confirm project records & Scope of Work	CSI	DONE	█	█											
Confirm EPC project timeline and budget estimate with engineering firm	CSI	28-Aug							█						
Update EPC and O/M workplan	CSI	05-Sep								█					
Update EPC and O/M budget estimate	CSI	05-Sep								█					
Approve project initiation documents	PMC	06-Sep								█					
NRCAN 1st payment															
Prepare proof	CCG	10-Sep										█			
Submit proof for NRCAN payment	SAF+	10-Sep										█			
Obtain confirmation of payment	SAF+	27-Sep													█

Project Risks Update

Risk (as presented to NRCan)	Trigger Event/Indicator	Mitigation
CSI will no longer be able to guarantee access to the additional VCQ funding	VCQ funds are not available for the project - MATERIALIZED	CCG is actively looking for funding
There is a risk that the long lead items (FT & RWGS) Equipment procurement and delivery to the Parachem site will be delayed. The delay would be caused by failure to define the equipment specification requirements on time to potential equipment suppliers	Delay in designing requirements - MATERIALIZED	CCG went to RFP process to select a firm to conduct feasibility study by the end of September
The RWGS reactor that is part of a larger unit (i.e. DME unit) that was ordered by CSI and is currently under fabrication, cannot be delivered	RWGS reactor is not available for the project + design plans are not available – MATERIALIZED	CSI to set up a meeting with Pro-B and Pioneer
CSI resources are not available.	CSI Team downsizing - HIGH	CCG is assessing HR options to operate the skid.
SAF+ runs out of operational cash to pay for the activities necessary to obtain the first NRCan payment	Delays (expected 4-5 months) in securing design requirements contract and producing the updated work plan - MATERIALIZED	CCG is providing a financial buffer for the moment. CCG and CSI are putting a workplan together (required by end Sept.)

Status SAF+ Project

- ✓ current **RFP process** status
- ✓ **work plan** required urgently (NRCan requisite) / what next ?
- ✓ Status of **PRO-B & Vinci** ?
- ✓ **next steps** / review & select engineering firm
- ✓ **timeline** reality check
- ✓ other issues / misc.

Other News

- participation at ICAO Innovation Fair 23-24 Sept. 2019
- article in *Vecteur Environnement*
- invited to present the project at PRI QC 26 Nov. 2019