



Coordination Committee 2012-2015

Study Group 3: LCA

6th meeting
Yamburg, Russia Feb. 2015

Working Group; PGCA

PGCA Study Group 3 work progress

PGCA SG3: Life Cycle Assessment of the Natural Gas Chain

Leader: Anne Prieur-Vernat, GDF SUEZ, France

Members attended:

Daniel Hec, Marcogaz, Dirk Gullentops, Synergird
Tomo Yoshida, Osaka Gas, Huynseok Yoo, Kogas
Abdolhossein Samari, NIGC

Progress details:

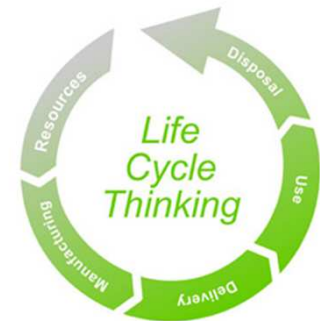
1) Report

Work on the conclusions during the workshop

Content revised

Final version due 1st March 2015

2) Committee Sessions in WGC2015



WGC 2015 sessions / PGCA

Proposed sessions for WGC 2012: Types and subjects



DAY	Time	Room		WG	Title	Leader
2 Tue.	15:15 to 16:45	Room 350 Concorde	Strategic Panel	PGC A	Life Cycle Assessment – A tool for decision makers	Anne Prieur Vernat
2 Tue.	17:00 to 18:30	Room 350 Invalides	Thematic Session A.1	PGC A-1	Carbon Capture and Storage development and perspectives	Ichiro Fukuda
3 Wed.	17:00 to 18:30	Room 240 Louvre	Thematic Session A.2	PGC A-2	The economic, environmental and social aspects of renewable	Elbert Huijzer
4 Thurs.	08:30 to 10:00	Room 240 Louvre	Thematic Session A.3	PGC A-3	Opportunities and challenges of Life Cycle Assessment applied to the natural gas industry	Anne Prieur-Vernat
4 Thurs.	15:15 to 16:45	Amphi 600 NotreDame	Strategic Panel	PGC A & WOC1	Unconventional Gas	Denis Krambeck Dinelli-Maria Gabriela Roselló
5 Friday	08:30 to 10:00	Concorde	Thematic Session A.4	PGCA-4	Environmental aspects of unconventional gas	Maria Gabriela Roselló

WGC 2015 sessions

PGCA Strategic Panel



Leaders: Anne Prieur-Vernat, GDF SUEZ, France & Satoshi Yoshida, Tokyo Gas, Japan

Title: Life Cycle Assessment – A tool for decision makers

5 invited panelists confirmed:

Representative from the Public Authorities:

R. Pant, Joint Research Center of the European Commission

Representative from the Academic sector:

M. Wang, Argonne National Laboratory, Chicago USA

Representatives from the natural gas industry:

JP. Cazalets, Total, Y. Kimata, Osaka Gas, H. Casterman, GDF SUEZ

Objective of the session:

Demonstrate how LCA results can support strategic or policy decision making or to answer stakeholders expectations (regulatory aspects or expectations from NGOs or the general public).



WGC 2015 sessions

PGCA Strategic Panel



Agenda:

- Tuesday 2nd June 15h15-16h45
- Introduction by the chair or vice-chair 5'
- Presentations of the panelists 50' (10' each)
- Discussion 30'
- Conclusion by the chair or vice-chair 5'

Roles

- Chair: Satoshi Yoshida
- Vice-chair: Anne Prieur-Vernat
- Moderators: Daniel Hec & Tomo Yoshida

- Use of wissembly only for the questions from the audience during the session

WGC 2015 sessions

PGCA SG3 Technical session



Leader: Anne Prieur-Vernat

Title: Opportunities and challenges of Life Cycle Assessment applied to the natural gas industry

Objectives: Demonstrate how LCA may be applied to the natural gas industry and share some practical applications.

6 Speakers selected amongst abstracts + Report from the study group:

A. Subedar, Qatargas, Qatar : GHG LCA for an LNG plant in Qatar

I. Laurenzi, Exxon Mobil, USA : Environmental LCA of North American shale gases

G. Akopova, Gazprom VNIIGAZ, Russia : Natural gas LCA from the wells to the gas transmission system based on the case study of the largest gas production company Gazprom

M. Lev-On, The LEVON Group, LLC, USA : Comparative assessment and challenges of quantifying methane emissions from natural gas systems

L. Auchet, GDF SUEZ, France : Life Cycle Assessment of organisations – Application to Storengy

VL. Barrio Cagigal, Bilbao School Of Engineering, Spain : Life cycle assessment of a biogas plant with biomethane as transport fuel from pork manure



WGC 2015 sessions

PGCA SG3 Technical session

Agenda:

- Thursday 4th June 8h30 – 10h00
- Introduction by the chair 3'
- Presentations from the speakers 70' (10' each)
- Q&A session 20'
- Concluding remarks 2'

No moderator needed as no use of wissembly

Chair : Anne Prieur-Vernat

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Thank you for your attention

