

WEBINAR 4-5PM 9/2 2023

CANADA CCUS STUDY TOUR VANCOUVER & EDMONTON

APRIL 23-29. 2023

**Connecting Canada & Denmark
in Carbon Capture Utilization and Storage (CCUS)**

**WELCOME BY FREDERIKKE KROON,
PROGRAM DIRECTOR, ATV**



Government
of Canada
Trade Commissioner
Service

Gouvernement
du Canada
Service des
délégués commerciaux



WEBINAR 4-5PM 9/2 2023

MEET THE ORGANISING TEAM

ATV & CLEAN DELEGATION VANCOUVER AND EDMONTON

Anne Dorthe Fethers, CLEAN
Kasper Havemann, CLEAN
Frederikke Kroon, ATV



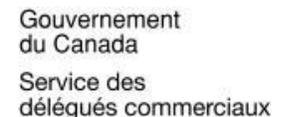
GREEN HUB DENMARK/CO2VISION DELEGATION, EDMONTON

Thilde Møller Larsen
Green Hub Denmark/CO2VISION



CANADIAN TRADE COMMISSIONER SERVICE

Richard Higginson
Trade Commissioner- Global Affairs Canada



WEBINAR AGENDA

- CCUS THE **CANADIAN WAY - WHY & WHAT** - INSIGHTS INTO CANADA'S CCUS MARKETS AND INITIATIVES
- **CLEAN & ATV STUDY TOUR, VANCOUVER & EDMONTON**
- **GREEN HUB DENMARK/CO2VISION STUDY TOUR, EDMONTON AND SHARED PROGRAM TRACKS WITH CLEAN & ATV DELEGATION**
- **PRACTICAL INFORMATION ABOUT THE TRIP, DEADLINES, TRAVEL EXPENSES ETC.**
- **QUESTIONS**



PURPOSE AND PRIMARY TARGET GROUP

THE PURPOSE OF THE STUDY TRIP IS

to gather inspiration and knowledge, and to create new networks that can foster and leverage fruitful research and corporate collaborations, with mutual benefits for Canada and Denmark

DECISION-MAKERS IN THE DANISH ENVIRONMENTAL CCUS ECO-SYSTEM:

technology companies, knowledge institutions, organizations, clusters, government, and grant providers

HOPE TO LEARN:

- 1) how we get started **BUILDING** a carbon tech ecosystem
- 2) learning more about the **NEXT GENERATION CARBON TECHNOLOGIES**
- 3) identifying future possibilities for **INTERNATIONAL COLLABORATION**



WHY & WHAT CANADA



CCUS THE CANADIAN WAY

- INSIGHTS INTO CANADA'S CCUS MARKETS AND INITIATIVES

VANCOUVER:

RUPERT POTTER, MANAGING DIRECTOR, BRITISH COLUMBIA'S TRADE & INVESTMENT REPRESENTATIVE FOR EUROPE



EDMONTON:

ROBERT K. MUGO, PH.D., DIRECTOR, COSIA, GREENHOUSE GAS PRIORITY AREA



CLEAN & ATV DELEGATION PROGRAM

VANCOUVER 2 DAYS & EDMONTON 3 DAYS



ATV

Danish Academy of
Technical Sciences

Anne Dorthe Fethers, CLEAN

Kasper Havemann, CLEAN



CLEAN & ATV CCUS CANADA PROGRAM, Vancouver & Edmonton

WEDNESDAY APRIL 12. 2023
15:00 – 16:00
Pre-Departure Webinar

SUNDAY APRIL 23. 2023
**Welcome to
Vancouver, Canada**

MONDAY APRIL 24. 2023
**Vancouver,
Emerging technologies for
utilizing Carbon**

TUESDAY APRIL 25. 2023
**Vancouver,
Emerging technologies
for utilizing Carbon**

WEDNESDAY APRIL 26. 2023
**Edmonton,
New frontiers of
utilization CO2 -**

THURSDAY APRIL 27. 2023
**Edmonton,
CCUS infrastructure and
Academic track**

FRIDAY APRIL 28. 2023
**Edmonton,
CCUS Test, Demonstration
Collaborations and next
steps**

**PRE-DEPARTURE
@ATV & CLEAN,
Green Hub Denmark**



March and April
MEET THE STAKEHOLDERS
4 WEBINARS of 45 minuts

**Vancouver: SVANTE,
Carbon Engineering**

**Edmonton: C-FER
TECHNOLOGIES**

**ALBERTA INDUSTRIAL
HEARTLAND
ASSOCIATION**

**EDMONTON GLOBAL,
ALBERTA INNOVATES,
INNOTECH ALBERTA**

Joint program with Green
Hub Denmark/CO2VISION

WELCOME RECEPTION
@Restaurant,
Vancouver

Afternoon-evening

**INTRODUCTION TO THE BC
ECOSYSTEM**
@Foresight and the Canadian
Trade Commissioner Service
08:30 – 10:00 am
This will focus provide an
overview of the state-of-the-art
technologies and possibilities in
BC

SVANTE
@
11.00-15.30
Full day visit at Svante. Svante
capture and remove CO2 from
industrial emissions and the air.
We will visit their global HQ, see
their R&D and production.

16.30-18.30
MEET THE LOCAL ECOSYSTEM
@Canadian Trade Commissioner
Service
Hosted byt the trade commission
we will meet the local
stakeholders and officials to
discuss how to best create
collaborations.

CARBON ENGINEERING
@Squamish
9.00+
Carbon Engineering is a
pioneer within Direct Air
Capture – they are
looking to implement
their first large scale plant
in Texas by 2025.

**University of British
Columbia**
@Vancouver
Possible visit can be
placed both Monday and
Tuesday if needed

**DEPARTURE FOR
EDMONTON**
@Vancouver Airport



**Introduction to
utilization companies
from Alberta**
@Canadian Trade
Commissioner Service
09:00 – 11:00 am
MEET THE COMPANIES
@Edmonton

i.e. Carbon Upcycling,
SeeO2, Carbonova,
RainCage and more from
the local ecosystem in
Alberta

PLUG & PLAY EVENT
@Edmonton
**Meet up with the
delegation from Green
Hub and Innovation
environment from Plug
& Play Edmonton
incubator.**

**CCUS WORKSHOP &
LAB TOUR**
@University of Alberta
09:00 – 12:00
A tour of the UofA CCUS
Lab and workshop on
how to integrate
academic research with
industry andon an
international scale

**ALBERTA INDUSTRIAL
HEARTLAND
ASSOCIATION**
@Alberta Industrial
Heartland
13:00 - 18:00
Visit to CCUS Industry
Hub where the three
pipelines meet: Quest
(CO2), Trunk Line (CO2)
and Air Products (H2).

DELEGATION DINNER
Time TBA (maybe
Wednesday)
Networking event after
merging the delegations

C-FER TECHNOLOGIES
By Kirk Hamilton
09:00 - 11:00
Visit to Alberta's test
and demonstration
site. C-FER works in
partnership with the
global energy industry
to advance safety,
environmental
performance and
efficiency.

ALBERTA INNOVATES
By Heather Campbell
12:00 – 14:00
Workshop on how to
best use the
connections gained
the passed week and
how to continue to
work on Danish
Canadian CCUS
relations.



GREEN HUB DENMARK/CO2VISION EDMONTON AND JOINT PROGRAM WITH CLEAN & ATV DELEGATION

Thilde Møller Larsen
Green Hub Denmark



CO₂VISION



CO2VISION CCUS CANADA PROGRAM, Edmonton

WEDNESDAY APRIL 12, 2023
15:00 – 16:00
Pre-Departure Webinar

SUNDAY APRIL 23, 2023
**Welcome to
Edmonton, Canada**

MONDAY APRIL 24, 2023
**Edmonton,
Introductions, funding and
network**

TUESDAY APRIL 25, 2023
**Edmonton,
Exhibition, Conference
and matchmaking**

WEDNESDAY APRIL 26, 2023
**Edmonton,
Exhibition, Conference
and Startups**

THURSDAY APRIL 27, 2023
**Edmonton,
CCUS infrastructure and
Academic track**

FRIDAY APRIL 28, 2023
**Edmonton,
CCUS Test and
Demonstration**

**PRE-DEPARTURE
@ATV & CLEAN,
Green Hub Denmark**



**INTRODUCTION TO THE CCUS
ECOSYSTEM IN ALBERTA**
*By The Canadian Trade
Commissioner Service in Edmonton*
10:00 - 11:30
An introduction to the various
actors within CCUS in both the
Edmonton Region and in Alberta as
a whole.

EMISSION REDUCTION ALBERTA
By Mark Summers
13:00 – 15:00
ERA invests in the pilot,
demonstration and deployment of
clean technology solutions that
reduce GHGs, lower costs, attract
investment, and create jobs in
Alberta.

**EDMONTON GLOBAL
INTERNATIONAL MIXER**
*By Edmonton Global & Alberta
Government*
16:30 - 18:30
Special VIP session focusing on the
global investors and international
partners that will be coming to
Edmonton for the Canadian
Hydrogen Convention

**CANADIAN HYDROGEN
CONVENTION**
*@Edmonton Convention
Centre*
08:00 - 17:00
Exhibition, and
strategic/Technical
Conference

1:1 MATCHMAKING
*@Edmonton Convention
Centre*
09:00 - 16:00
The Canadian Trade
Commissioner Service will
facilitate 1:1
matchmaking for the
CO2VISION delegation

**OPENING NIGHT
RECEPTION & NETWORK**
*@Edmonton Convention
Centre*
18:00 – 21:00
Enjoy cocktails, hors
d'oeuvres, entertainment
and an evening of
networking with the
hydrogen community.

**CANADIAN HYDROGEN
CONVENTION**
*@Edmonton Convention
Centre*
08:00 - 17:00
Exhibition, and
strategic/Technical
Conference

**ALBERTA UTILIZATION
COMPANIES**
*By Canadian Trade
Commissioner Service*
09:00 – 11:00 am
Introduction to utilization
companies from Alberta

PLUG & PLAY EVENT
*@Edmonton Convention
Centre*
Time TBA
Meet the innovation
environment from the
Plug & Play Edmonton
incubator and startups
from CarbonNEXT

**CCUS WORKSHOP &
LAB TOUR**
@University of Alberta
09:00 – 12:00
A tour of the UofA CCUS
Lab and workshop on
how to integrate
academic research with
industry and on an
international scale

**ALBERTA INDUSTRIAL
HEARTLAND
ASSOCIATION**
*@Alberta Industrial
Heartland*
13:00 - 18:00
Visit to CCUS Industry
Hub where the three
pipelines meet: Quest
(CO₂), Trunk Line (CO₂)
and Air Products (H₂).

DELEGATION DINNER
@TBA
**Time TBA (maybe
Wednesday)**
Networking event after
merging the delegations

C-FER TECHNOLOGIES
By Kirk Hamilton
09:00 - 11:00
Visit to Alberta's test
and demonstration
site. C-FER works in
partnership with the
global energy industry
to advance safety,
environmental
performance and
efficiency.

ALBERTA INNOVATES
By Heather Campbell
12:00 – 14:00
Workshop on how to
best use the
connections gained
the passed week and
how to continue to
work on Danish
Canadian CCUS
relations.



March and April
MEET THE STAKEHOLDERS
4 WEBINARS of 45 minuts

**Vancouver: SVANTE,
Carbon Engineering**

**Edmonton: C-FER
TECHNOLOGIES**

**ALBERTA INDUSTRIAL
HEARTLAND
ASSOCIATION**

**EDMONTON GLOBAL,
ALBERTA INNOVATES,
INNOTECH ALBERTA**

Joint program with
ATV & CLEAN delegation

CO₂VISION



Joint program with ATV & CLEAN delegation

**ATV & CLEAN'S
CANADA CCUS STUDY TOUR, VANCOUVER & EDMONTON
APRIL 23-29. 2023**

PRACTICAL INFORMATION

- Limited to 25 participants
- Deadline 15/2
- ETA and Visa before travelling mandatory

FLIGHTS RUTE: CPH-VANCOUVER-EDMONTON- CPH 
Air Canada, KLM, Icelandair

Arrival

- Sunday, April 23rd at the latest

Departure

- Saturday, April 29th (landing in Denmark on Sunday 30th)

HOTELS Vancouver: 2 days, 2 nights. Edmonton: 3 days, 3-4 nights

PARTICIPANT COURSE FEE:

- DKK 20.000 excl. vat. The price does not include travel expenses, accommodation, catering expenses

ESTIMATED TRAVEL AND HOTEL COSTS (own booking)

- Flight = approx. 7.000 -10.000+ DKK
- Hotel = approx. 700-1000 DKK per night (5-6 nights)

Flight and hotel in total = approx. 10.000 -15.000 DKK

HOTEL AND FLIGHT SERVICE:

- We reserve hotel room for those travelling to book individually
- Flight: Individual needs and travel schedules: contact BCD Travel, Nina Glahn nina.glahn@bcdme.com

This program requires a minimum of 20 participants to be viable and max. 25 can sign-up

LINK: [Travel info and program](#)

**APPLY TO: PROGRAM DIRECTOR FREDERIKKE KROON
FK@ATV.DK**

GREEN HUB DENMARK / CO2VISION CCUS DELEGATION VISIT TO EDMONTON APRIL 23-29, 2023

PRACTICAL INFORMATION

Arrival

- Sunday, April 23rd at the latest



Departure

- Saturday, April 29th (landing in Denmark on Sunday 30th)



FLIGHT OPTIONS

Aalborg - Amsterdam - Edmonton (KLM)

Aalborg - Copenhagen - Toronto - Edmonton (Air Canada)

Aalborg - Reykjavik - Toronto - Edmonton (Icelandair)

CO₂VISION



WHO CAN PARTICIPATE:

- The CO2VISION delegation is primarily for partners of CO2VISION. If a delegate, who is not a part of CO2VISION, but wants to participate in the Hydrogen Convention (only available through the CO2VISION delegation), reach out to Frederikke Kroon and Thilde Møller Larsen)

ESTIMATED TRAVEL AND HOTEL COSTS

- Flight = approx. 5.000 - 7.500 DKK
- Hotel = approx. 700-1000 DKK per night (6 nights)

Cheapest flight, hotel and conference entrance option totals approx. 10.000 DKK (prices fluctuate daily).

HOTEL AND FLIGHT SERVICE:

- If help is needed, you can reach out to Global Tours by Sanne Petersen on sanne@globaltours.dk and 61689991

APPLY TO TO THE DELEGATION [HERE](#)
FOR MORE INFORMATION, CONTACT
THILDE MØLLER LARSEN AT TML@AALBORG.DK
FK@ATV.DK

MORE INFORMATION



ORGANISING TEAM

ATV & CLEAN DELEGATION, VANCOUVER & EDMONTON

Regarding registration, please contact Frederikke Kroon, ATV, fk@atv.dk.

For more information on the content, please contact CLEAN: Kasper Havemann, kah@cleancluster.dk or Anne Dorthe Fethers, adj@cleancluster.dk

LINK: [Travel info and program](#)

GREEN HUB DENMARK CO2VISION DELEGATION, EDMONTON

Please contact Thilde Møller Larsen tml@aalborg.dk

WEBINAR 4-5PM 9/2 2023

Q & A SESSION

Program requirements?

Subjects to cover?

Who do you want to meet?

Travel issues?

Etc.....

VILLUM FONDEN



Government
of Canada
Trade Commissioner
Service

Gouvernement
du Canada
Service des
délégués commerciaux

CANADA CCUS STUDY TOUR

NEXT COMING UP

MARCH AND APRIL: MEET THE STAKEHOLDERS

4 WEBINARS OF 45 MINUTES

PRE-DEPARTURE, GETTING READY WEBINAR:

12/4 AT 15-16.00



Government
of Canada
Trade Commissioner
Service

Gouvernement
du Canada
Service des
délégés commerciaux

VILLUM FONDEN



ATV

Danish Academy of
Technical Sciences



CO₂VISION

