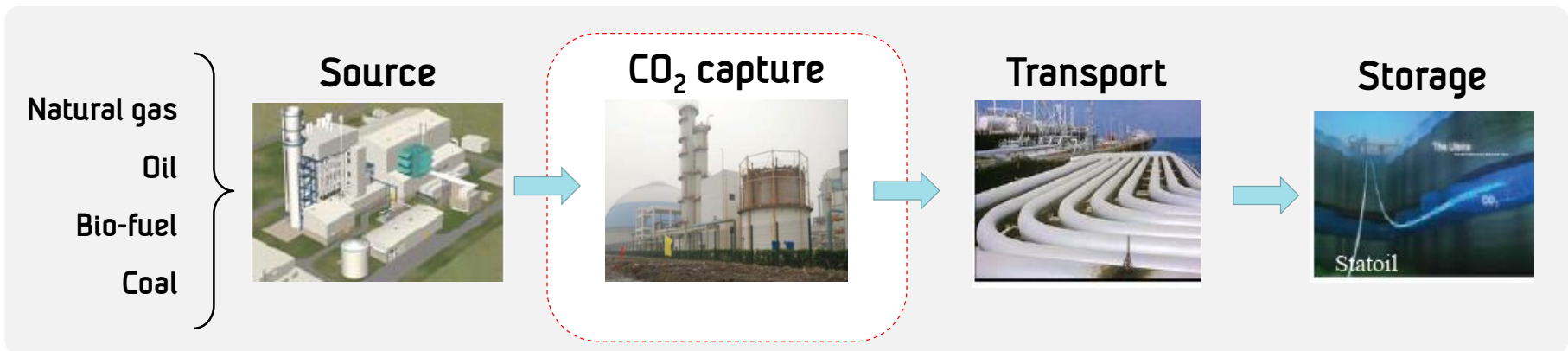


## HiPerCap - High Performance Capture

FP7 Grant agreement n° 608555

*EU – Australian workshop,  
Oslo, Norway, 13<sup>th</sup>-14<sup>th</sup> September 2017*



# Overview

**Venue:** DNVGL main headquarters (<https://www.dnvgl.com/>)

Veritasveien 1

1363 Høvik, Norway

## **13 September – First day of workshop**

9:00 am – 5:15 pm: Presentations and discussion session 1

7:00 pm – 10:00 pm: Workshop dinner sponsored by TCM

## **14 September – Second day of workshop**

9:00 am – 4:00 pm: Presentations and discussion session 2

# Agenda workshop day 1, 13 September, 2017:

08:30-09:00	Registration and coffee/tea	
09:00-10:45	<b>Session 1: Welcome and keynote-speakers</b>	Session chair: Karl Anders Hoff, SINTEF
09:00-09:10	Welcome and practical information	TBC (DNVGL)
09:10-09:35	Post-combustion testing at TCM	Roy Vardheim, TCM
09:35-10:00	CCS projects in Norway	Aase Slagtern (NRC)
10:00-10:25	Prospects for CCS in Europe	???
10:25-10:45	HiPerCap overview and major results	Hanne Kvamsdal (SINTEF)
10:45-11:15	Coffee Break	
11:15-12:55	<b>Session 2: Absorption</b>	Session chair: Peter van Os (TNO)
11:15-11:40	HiPerCap: Absorption technologies - overview and results	Earl Goetheer, TNO
11:40-12:05	Status: New and emerging technologies and future prospects (title may change)	Jacob Knudsen, Aker solutions
12:05-12:30	CO <sub>2</sub> capture combined with utilization	Peter Moser, RWE
12:30-12:55	Dynamic models and control strategies for absorption-based carbon capture processes	Ali Abbas, University of Sydney
12:55-14:00	Lunch	
14:00-16:10	<b>Session 3: Adsorption</b>	Session chair: Richard Blom, SINTEF
14:00-14:25	HiPerCap: Adsorption technologies - overview and results	Cova Pevida, CSIC
14:25-14:50	Status: New and emerging technologies and future prospects	Alan Chaffee, Monash University
14:50-15:15	Modelling of adsorption based CO <sub>2</sub> capture processes for large scale applications	Carlos Grande, SINTEF
15:15-15:45	Coffee Break	
15:45-16:10	Adsorption, pilot plant investigations and possibilities of large scale application	Dariusz Wawrzyńczak (Czestochowa University of Technology)

# Agenda workshop 2<sup>nd</sup> day - 14 September 2017:

08:30-09:00	Coffee/tea	
9:00-9:30	Prospects for CCS in Asia and Australia	Paul Feron, CSIRO
9:30-11:40	Session 4: Membranes	Session chair: Thijs Peter, SINTEF
9:30-9:55	HiPerCap: Membrane technologies - overview and results	May-Britt Hägg, NTNU
9:55-10:20	Main results from the M4CO2 project	Freek Kapteijn, TU-Delft
10:20-10:50	Coffee Break	
10:50-11:15	Modelling of membrane based CO2 capture processes for large scale applications	Bouchra Belaisaoui, CNRS
11:15-11:40	Status: New and emerging technologies and future prospects	Mihai Barboiu, Institut Européen des Membranes
11:40-12:30	Lunch	
12:30-14:40	Session 5: Technology evaluation	Session chair: Erik Hektor (DNV GL)
12:30-12:55	HiPerCap: Assessment of CO <sub>2</sub> capture technologies – overview and results so far	Patrick Wolbers, DNV GL
12:55-13:20	Cost-estimation of immature technologies	Mohamed Kanneche, EDF
13:20-13:45	Benchmarking in other twinning projects – lesson learned	Matteo Romano, Politecnico di Milano
13:45-14:15	Coffee Break	
14:15-14:40	Screening of technologies for application at NORCEM	Liv Bjerge, Norcem, <i>(uncertain)</i>
14:40-15:45	Discussion-2,	Session chair: Tore Torp
	Theme: Industrial CO <sub>2</sub> capture applications	
15:45-16:00	Workshop wrap-up and closure	Hanne Kvamsdal, SINTEF