

SPRINT event #4 - SCOPE overview and introduction

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WP4 | SINTEF

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Agenda

09h – 11h SCOPE overview

- 09h00 – 09h20 Introduction to the project – [Hanne Kvamsdal \(SINTEF\)](#)
- 09h20 – 10h00 Emissions monitoring, control and mitigation – [Juliana Monteiro \(TNO\)](#) and [Peter Moser \(RWE\)](#)
- 10h00 – 10h30 Health and environmental impact of emissions – [Anna Korre \(Imperial College\)](#)
- 10h30 – 11h00 Economic, political and societal challenges – [Abigail Martin \(University of Sussex\)](#)

11h00 – 11h20 Break

11h20 – 12h00 SPRINT overview

- 11h20 – 11h30 What is SPRINT? – [Peter van Os \(TNO\)](#)
- 11h30 – 12h00 Highlights of previous events – [Roberta Figueiredo \(TNO\)](#)

12h00 – 12h30 Lunch

12h30 – 13h30 Health, people and policy

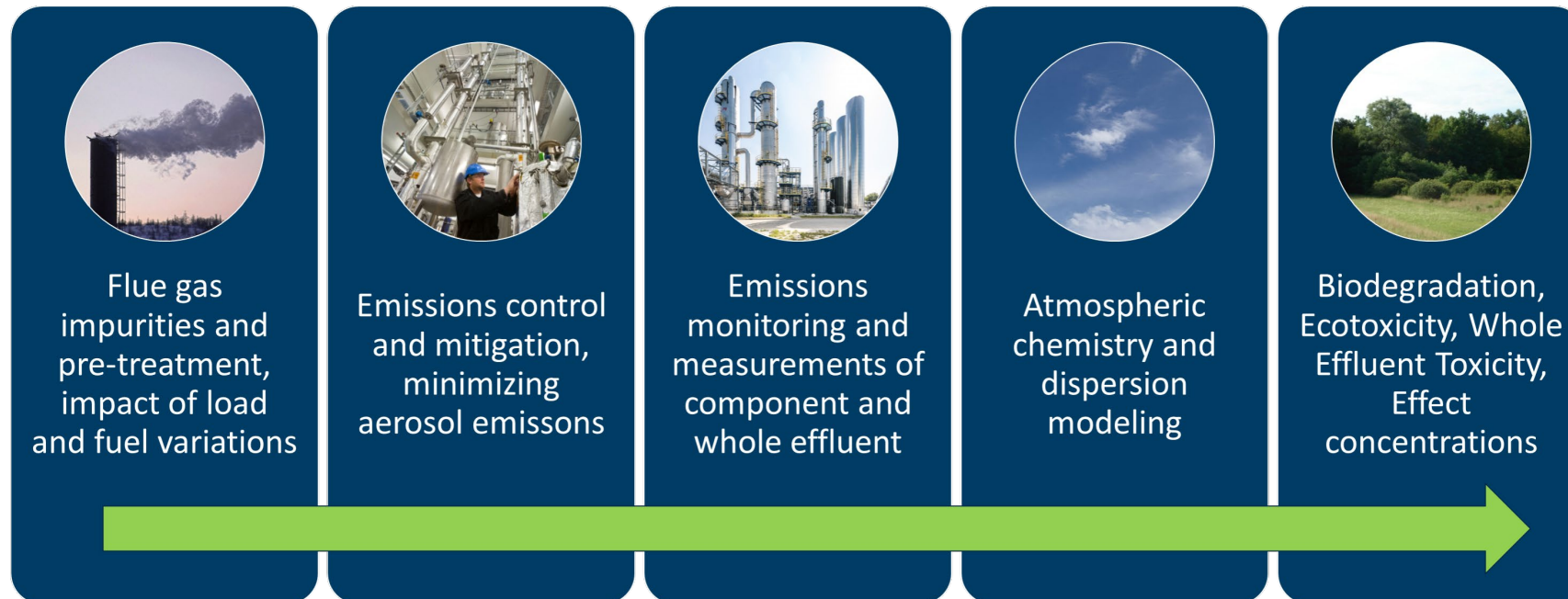
- 12h30 – 12h50 A focus on particulate matter and health – [Gary Rochelle \(UT\)](#)
- 12h60 – 13h10 Emission control from a NGO perspective – [Olav Øye \(Bellona\)](#)
- 13h10-13h30 Regulatory framework – Specific points of attention – [Jessica Hernandez \(Environment Agency\)](#)

13h30 – 14h30 Panel discussions

- 13h30 – 14h00 Discussion with the panel – [Peter van Os and Roberta Figueiredo](#)
 - [Erik Gjernes \(Gassnova\)](#)
 - [Zoe Kapetaki \(TNO\)](#)
 - [Keith Bernard \(IEAGHG\)](#)
 - [Abigail Martin \(University of Sussex\)](#)
- 14h00 – 14h30 Discussion and closure – [Peter van Os and Roberta Figueiredo](#)

SCOPE – Sustainable OPEration of post-combustion Capture plants

Follow the continuous path of the treated gas from source to recipient and ensure a sustainable and environmentally safe operation of the capture plant



SCOPE: Overview

❑ Project period:

✓ 01.10.2021-30.09.2024

❑ Estimated project cost:

✓ 6 044 881 €

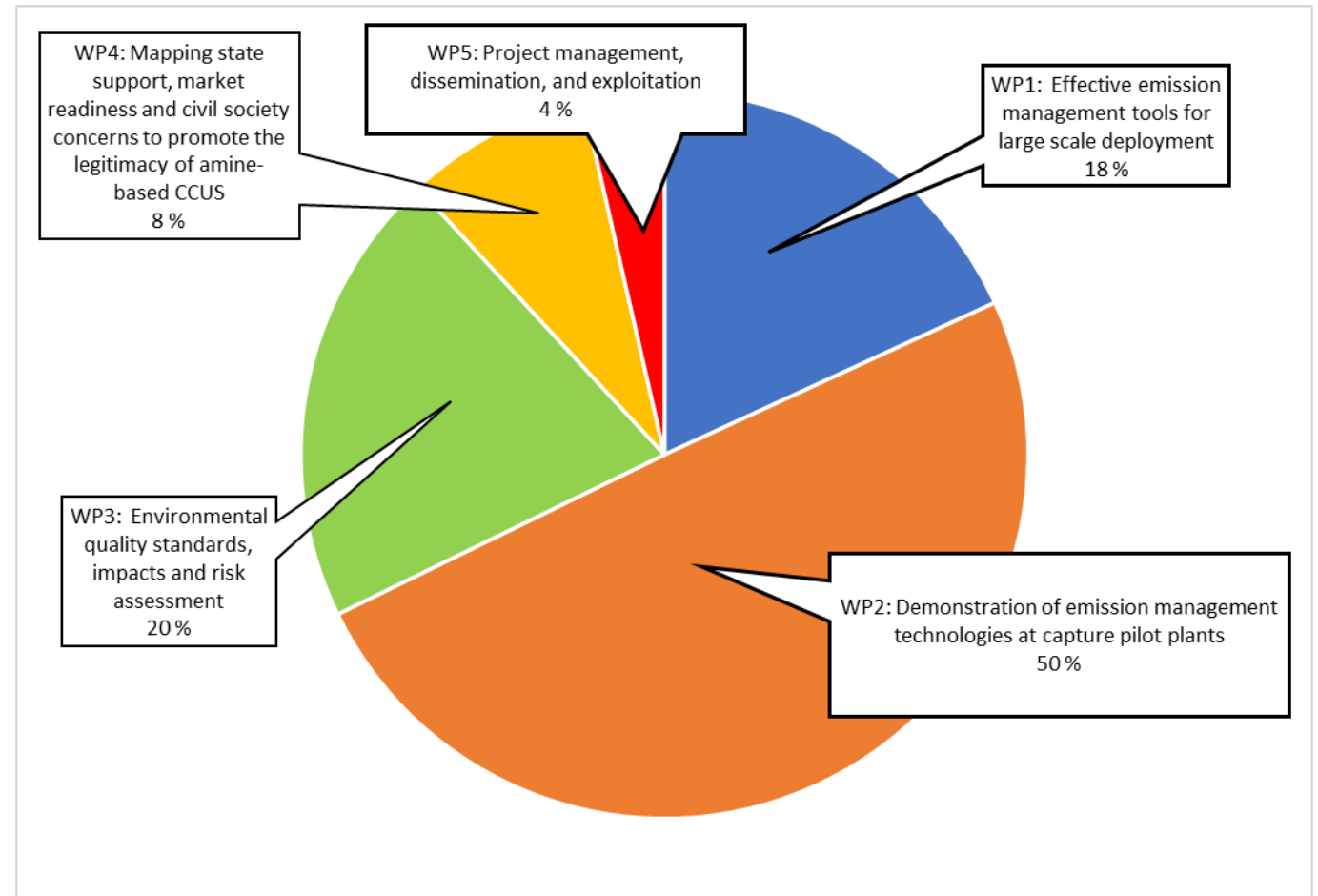
3 703 477 € funding from
(ACT)

❑ Partners:

✓ 19 from 4 European
countries (Norway,
Netherlands, UK, Germany)

✓ 3 from India

✓ 2 from USA



TRL 4 -6

TRL 6 -7

Preparation for demonstration

Logos for TNO, SINTEF, NTNU, HERIOT WATT UNIVERSITY, hovyu, CCSI², TECHNOLOGY CENTRE MONGSTAD - catching our future, TOTAL, MICROFILM, GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, OGT, Linde, hvc energie en hergebruik, HERIOT WATT UNIVERSITY, Twence RWE, AKER CARBON CAPTURE.

Technology Demonstration

Logos for Twence RWE, hvc energie en hergebruik, Linde, SINTEF, MICROFILM, GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, HERIOT WATT UNIVERSITY, TNO, GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY.

Environmental impact assessment

Logos for Imperial College London, SINTEF, NILU, GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, CERC, TECHNOLOGY CENTRE MONGSTAD - catching our future, TOTAL, HERIOT WATT UNIVERSITY, Environment Agency, AKER CARBON CAPTURE.



Deployment of amine based CCUS projects

Societal impact, risks, barriers, techno-economics and SPRINT Forum

Logos for US UNIVERSITY OF SUSSEX, TNO, SINTEF, GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, MICROFILM, Twence hvc energie en hergebruik, AKER CARBON CAPTURE, Imperial College London, hovyu, TECHNOLOGY CENTRE MONGSTAD - catching our future, GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, RWE, Linde, TOTAL, HERIOT WATT UNIVERSITY.

Societal readiness and Plan for Exploitation

Project management, administration and external communication

Logos for SINTEF, TNO, RWE, Imperial College London, US UNIVERSITY OF SUSSEX, GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, CCSI².

Acknowledgements

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