



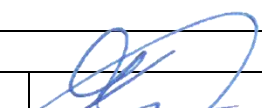
4REFINERY

Upgraded scenarios FOR integration of biofuel value chains into
REFINERY processes

GA No. 727531

Deliverable Report



Deliverable ID	D7.7		
Deliverable name	Conformation with H&S procedures		
Lead beneficiary	SINTEF		
Contributors	Silje Fosse Håkonsen		
Due date Annex I	31.07.2017		
Date of final version			
Dissemination level	Confidential		
Document approval	Duncan Akporiaye	02.03.2018	

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 727531.

This document contains information which is proprietary to the 4REFINERY consortium. The document or the content of it shall not be communicated by any means to any third party except with prior written approval of the 4REFINERY consortium.

Description of the deliverable content and purpose

This document represents confirmation that the 4REFINERY project will conform to the appropriate health and safety procedures.

This is confirmed by a) a letter that all participants will ensure that appropriate health and safety procedures conforming to relevant local/national guidelines/legislation are followed in order to avoid harming the staff involved in the project. b) The declaration and certification of the coordinator with respect to following H&S guidelines. c) documentation from the DoA that all partners are committed to conform to appropriate H&S procedures.

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1 Letter of conformation

Your ref.
727531**Our ref.**
Duncan Akporiaye**Project No. / File code**
727531**Date**
2017-08-31

Health and safety procedures. for the 4Refinery project (727531)

To whom it may concern

We hereby confirm that, as coordinator, SINTEF will work to ensure that the consortium partners follow their obligation with respect to the Health and safety procedures agreed for the 4Refinery project. Specifically as informed and defined in the proposal section 5.1 "*Appropriate health and safety procedures conforming to local/national guidelines/legislation will be followed for the staff involved in the 4Refinery project.*"

Yours sincerely,
for SINTEF Materialer and Chemistry



Duncan Akporiaye

Coordinator 4Refinery

2 Declaration and certification of H&S guidelines for SINTEF, the coordinator

Health, work environment and safety Declaration

This declaration applies to:

Company: **SINTEF**
Org. no.: **948 007 029**
Postcode/city: **N-7465 TRONDHEIM**
Country*: **NORWAY**

We hereby confirm that this organisation works systematically to fulfil legal requirements on health, work environment and safety, and thereby satisfies the requirements on systematic health, work environment and safety activities for organisations (Internal Inspection Regulations), as laid down by Royal Decree on 6th December 1996, in accordance with the law of 17th June 2005 no. 62 on employee protection and work environment.

We also confirm that the organisation is structured in accordance with legal regulations on taxation and work environment relating to professional and social rights of employees.

We accept that clients will, on request, be given the right to examine and verify the organisation's procedures for dealing with health, work environment and safety issues.

General Manager:



Alexandra Bech Gjørv
President (CEO)

Date: 2016-05-02

I hereby confirm that systematic measures are **in place** to fulfil the legal requirements referred to above concerning health, work environment and safety.

Employees' Representative:



Marianne Steinsvik Kjos
Head safety delegate

Date: 2016-05-02

*** For contractors outside Norway, the following applies:**

We hereby confirm that preparation of this bid has taken into account the Norwegian laws on health, work environment and safety, in accordance with regulations on systematic health, work environment and safety activities for organisations (Internal Inspection Regulations), as laid down by Royal Decree on 6th December 1996, in accordance with the law of 17th June 2005 no. 62 on employee protection and work environment.

We accept that clients will, on request, be given the right to examine and verify the organisation's procedures for dealing with health, work environment and safety issues.

Authorised signature

General Manager:



Alexandra Bech Gjørv
President (CEO)

Date: 2016-05-02

MANAGEMENT SYSTEM CERTIFICATE

Site certificate No.:
214551CC4-2017-AQ-NOR-NA

Initial certification date:
20 February 2017

Valid:
20 February 2017 - 20 February 2020

Belongs to Central Office Certificate No.:
214551-2017-AQ-NOR-NA

This is to certify that the management system of

SINTEF Materials and Chemistry

Richard Birkelands vei 2 B, 7034 Trondheim, Norway
and the site as mentioned in the appendix accompanying this certificate

have been found to conform to the Quality Management System standard:
ISO 9001:2015

This certificate is valid for the following scope:

Research and development within material technology, advanced materials and nanotechnology, applied chemistry and bio technology, oil and gas, green energy and process industry.

Place and date:
Høvik, 21 February 2017



For the issuing office:
DNV GL – Business Assurance
Veritasveien 1, 1322 Høvik, Norway

Jøran Laukholm
Management Representative

Site certificate No.: 214551CC4-2017-AQ-NOR-NA
Place and date: Høvik, 21 February 2017

Appendix to Certificate

SINTEF Materials and Chemistry

Site included in the certification is as follows:

Site Name	Site Address	Site Scope
SINTEF Materials and Chemistry	Forskningsveien 1, 0373 Oslo, Norway	Research and development within material technology, advanced materials and nanotechnology, applied chemistry and bio technology, oil and gas, green energy and process industry.

3 Excerpt from DoA on partners commitment to H&S procedures

5 Ethics and Security

5.1 Ethics

All the ethical standards and guidelines of Horizon2020 (http://ec.europa.eu/research/participants/data/ref/h2020/mga/gga/h2020-mga-gga-multi_en.pdf) will be rigorously applied, regardless of the country where the research is carried out. Appropriate health and safety procedures conforming to local/national guidelines/legislation will be followed for the staff involved in the 4Refinery project.

The 4Refinery project will also provide details on the materials which will be imported to/exported from EU and provide the adequate authorisations in regard to research and liquid production.

The consortium will continuously monitor the environmental performance and optimize the processing methods to comply with standards and policies regarding environmental issues. Risk owners will monitor, assess and update the corresponding risk management plan that will be reviewed during EB sessions. The role of risk owners will be to transform risk data into decision-making information (link to milestones) for proposed mitigating actions. Depending on the level of impact of proposed mitigation actions on the project, such actions will be assessed and validated by the GA

The 4Refinery project has implemented a dedicated workpackage 4, providing a sustainability assessment of the activities and results of the project, including the risk assessment related to health, safety, environmental and related social impacts. These sustainability assessment will be the basis for guiding the focus of the activities through WP1, in the form of the global process integration and optimisation. This includes tasks from feedstock specification through to alignment along the whole value chain.

The complete management of the risks and mitigation actions will be at the core of the management of the project in Workpack 7.

5.2 Security

4REFINERY will not involve:

- Activities or results rising security issues
- 'EU classified information' as background or results