

CODE2

**Cogeneration Observatory
and Dissemination Europe**



D2.4 First draft of final CHP roadmap **UNITED KINGDOM**

May 2013

The North Western Europe CODE2 Region draft roadmap for non-pilot Member States.

*The CODE2 Region 'North Western Europe' comprises the following Member States:
Belgium, Ireland, Luxembourg, Netherlands and United Kingdom.*



Introduction

The draft Roadmap for the non-pilot Member State United Kingdom in the North Western Europe CODE2 Region is submitted separately. The following update covers the non-pilot Member States.

A three parts structure has been agreed for the roadmaps:

- 1) Where are we now? Background and situation of cogeneration in the Member State
- 2) What is possible? Cogeneration potential and market opportunities
- 3) How do we arrive there: the Roadmap

Following the North Western Europe CODE2 Region Workshop, the format and final content outline for the individual non-pilot Roadmaps will be finalised. All of the Roadmaps for the Region will be available in September 2014.

What follows gives an overview of the progress on the Roadmaps for non-pilot Member States in the Region following the structure of the final Roadmap.

Chapter 1 - Where are we now? Background and situation of cogeneration in the Member State

1.1, 1.2, 1.3 Current status, Energy and Climate Strategy, Policy Development

Status of information gathering (list main sources)	Literature study: <ul style="list-style-type: none">• Digest of United Kingdom energy statistics, Combined heat and power: chapter 7, DECC 2012• Digest of United Kingdom energy statistics 2011: long term trends, DECC 2012• The Future of Heating A strategic framework for low carbon heat, DECC March 2013• Energy efficiency strategy, DECC November 2012• The carbon plan: Delivering our low carbon future, HM Government December 2011• The Future of Heating: meeting the challenge, DECC March 2013• District Heating and cooling country by country survey, Euroheat & Power, 2011.• Meeting energy demand: Combined Heat and Power, DECC 2012• FiT installations Report, Ofgem 2012• CHP Incentives: Renewable Obligation, DECC 2012
Significant gaps	No relevant gaps observed
Planned actions	To summarise literature studies

1.4 Awareness

Process of developing awareness assessment	Information gathering based on standard CODE2 awareness form
Status of analysis	Gathering information
Significant gaps	No notable gaps identified
Planned actions/key milestones	Summarise awareness coming weeks

1.5 The economics of CHP

Process of developing economics assessment	CHP economics analysis based on standard CODE2 calculation tool
Status of analysis	To be further developed – waiting for the final CHP economics calculation tool
Significant gaps	<ul style="list-style-type: none">• Detailed list of support for each technology• Investment and Operation costs
Planned actions/key milestones	Check literature and experts in the next few months

1.6 Barriers to CHP

Process of developing barriers assessment	Literature study
Status of analysis	Several main barriers identified
Significant gaps	<ul style="list-style-type: none">• More information about main barriers needed• Discover more barriers
Planned actions/key milestones	Discussion with experts

Chapter 2 - What is possible? Cogeneration and market opportunities

2.1 Market opportunities

Method of assessment of opportunities	Literature study
Progress to date	No information found yet
Planned actions	Literature study and contact experts

2.2 Considering the framework of the EED

This section will be developed following the first Member State workshop and will be based on the regional pilot roadmap and the outputs from the workshops.

Chapter 3 - How do we arrive there: the Roadmap

3.1. Overcoming existing barriers and creating a framework for action

Status	Start phase
Planned actions	Further discussions with experts

3.2 Possible paths to growth

Status	Not yet considered
Planned actions	To be further developed