



D2.4 First draft of final CHP roadmap **LUXEMBOURG**

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 Luxembourg 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">• Loi du 18 février 2010 relative à un régime d'aides à la protection de l'environnement• Projet de règlement grand-ducal relatif à la production d'électricité basée sur la cogénération.• Tarifs d'injection d'électricité Experts: <ul style="list-style-type: none">• Alexandre Bertrand from Tudor (Research Institute)• Meyers Christian from Ilr (Regulator)• Daniel Flies from la Ministère de l'Economie et du Commerce extérieur direction des énergies durables
Significant gaps	An overview of the sector caused by lack of a national organisation
Planned actions	Contact more and other experts

1.4 Awareness

Process of developing awareness assessment	Information gathering based on standard CODE2 awareness form
Status of analysis	Starting phase
Significant gaps	An overview of the sector caused by lack of a national organisation
Planned actions/key milestones	Contact more and other experts

1.5 The economics of CHP

Process of developing economics assessment	CHP economics analysis based on standard CODE2 calculation tool
Status of analysis	Nothing done yet – waited for the final CHP economics calculation tool
Significant gaps	Detailed list of support for each technology Investment and Operation costs
Planned actions/key milestones	Check literature and experts next months

1.6 Barriers to CHP

Process of developing barriers assessment	Literature study
Status of analysis	Starting phase
Significant gaps	An overview of the sector caused by lack of a national organisation
Planned actions/key milestones	Contact more and other 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