



## *D2.4 First draft of final CHP roadmap* **FRANCE**

**May 2013**

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

*The CODE2 Region 'South Western Europe' comprises the following Member States:  
France, Italy, Malta, Portugal, Spain.*



## Introduction

The draft Roadmap for the non-pilot Member State France in the South 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 South 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 | <p>General literature review:</p> <ul style="list-style-type: none"><li>• Report of the French authorities on transposition of Directive 2004/8/EC on the promotion of cogeneration</li><li>• Ministère de l'écologie, du développement durable et de l'énergie :<ul style="list-style-type: none"><li>○ Plan national d'action d'efficacité énergétique 2011</li><li>○ Politiques climat et efficacité énergétique</li></ul></li><li>• Commissariat général au développement durable : Repères: Chiffres clés de l'énergie 2012</li><li>• Ministère de l'écologie: Transition énergétique</li></ul> <p>Discussion and exchange documents with</p> <ul style="list-style-type: none"><li>• ATEE, Association Technique Energie Environnement</li></ul> |
| Significant gaps                | <p>Many gaps have been met because of the different path cogeneration development has followed in France. Documentation is often fragmented and doesn't clearly show an unique frame for CHP</p>   |
| Planned actions                 | <p>Phone calls are scheduled and a personal visit is planned for June 2013 to clarify the global scheme of CHP and get updates on energy transition</p>  |

## 1.4 Awareness

|  |   |
|--|---|
| Process of developing awareness assessment | Information gathering based on standard CODE2 awareness form  |
| Status of analysis                         | Starting phase, a questionnaire has been addressed to CHP associations.<br>Analysing the documentation it appears clearly that little importance has been given to CHP, unless from biomass, and the topic has not received a wide media coverage |
| Significant gaps                           | At the moment, no answers to the questionnaire has been received  |
| Planned actions/key milestones             | An experts list is being compiled in order to contact them by July  |

## 1.5 The economics of CHP

|  |   |
|--|---|
| Process of developing economics assessment | Collection of energy data and economic assessment by CODE2 developed tool, current CHP applications, except from biomass, are being discussed |
| Status of analysis                         | Starting phase  |
| Significant gaps                           | Lack of up-to-date data   |

## 1.6 Barriers to CHP

|   |  |
|---|--|
| Process of developing barriers assessment | Historic barriers' literature analysis   |
| Status of analysis                        | Starting phase   |
| Significant gaps                          | The importance of nuclear power and the absence up to now of alternatives constitute the main barriers at the moment |
| Planned actions/key milestones            | Further discussion with associations and experts is needed to draw a complete and updated picture                    |

# Chapter 2 - What is possible? Cogeneration and market opportunities

## 2.1 Market opportunities

|                                       |  |
|---------------------------------------|--|
| Method of assessment of opportunities | Current potential assessment will be used, especially <ul style="list-style-type: none"><li>• PNAEE Plan national d'action d'efficacité énergétique 2011</li><li>• Plan d'action national en faveur des énergies renouvelables 2009-2020</li></ul> |
| Progress to date                      | Starting phase   |
| Planned actions                       | Further discussions with experts on recent information and plans are foreseen  |

## 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          | Starting phase  |
| Planned actions | Further collection of information and discussions with experts on proposed actions and measures |

### 3.2 Possible paths to growth

|                 |   |
|-----------------|---|
| Status          | Starting phase  |
| Planned actions | Final conclusions and recommendations will be prepared at the end of the Road map process |