



European flagship Action for cold ironing in ports

# EALING - European flagship Action for cold ironing in ports

By: Circle s.p.a

29 Jan 2021



# Activity 1. Harmonised Framework for the electrification of the participating TEN-T maritime ports



## Objectives

- To implement a detailed analysis on the **current status of the technical, legal and regulatory framework in the Member States** concerned at a national level, and on the current status of the EU legislation as well as policy initiatives, standards and guidelines
- To **report with recommendations** on how to bring forward and implement a harmonised framework boosting the development of OPS in ports of the TEN-T Network, taking into account the technical, legal and regulatory framework in place and under development at EU level.

**Duration:** From 01/06/2020 to **30/06/2022**

**Activity leader:** Circle

## Description of the Activity 1 in a nut shell

Analysis on the existing national/ port regulations

Benchmark analysis with other EU MS that have already developed OPS

Detailed analysis of permitting process in accordance with Directive 2014/94/EU

Stakeholders Platform

Tools (Desk Analysis, questionnaire, interviews, workshops with EC and Association and 1<sup>st</sup> Regional workshop)

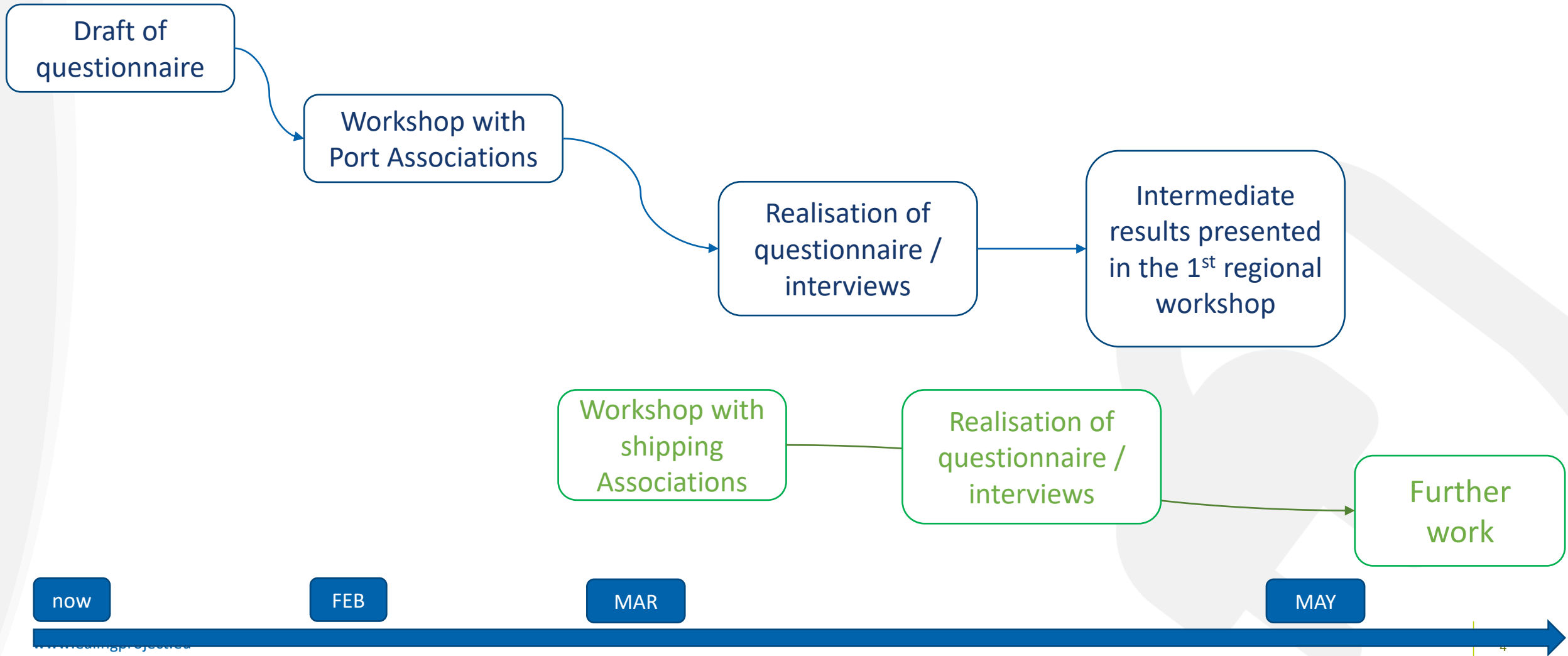
Recommendations for an harmonised port rules

Recommendations for the introduction of incentives

Recommendations for an harmonised commercial (tariff pricing) framework

Overall synergy and **cooperation with Activity 2** that is on the shipping side

### Planning next phases



now

FEB

MAR

MAY

## Tasks done by now under the Activity 1

### Activity 1

**First step : A Draft  
already prepared in  
90 pages  
It covers the  
following chapters**

### What has been achieved by now:

- 1 Introduction to Onshore Power Supply (OPS)**
- 2 Technical and Standard requirements of Onshore Power Supply in port**
- 3 Market analysis and the trends for Onshore Power Supply**
- 4 Legal and Regulatory framework of Onshore Power Supply in Europe**
- 5 Sale Mechanism of Onshore Power Supply**
- 6 Barriers and Challenges for onshore power supply in European Ports**
- 7 A review of approaches of countries in overcoming barriers**

## Tasks done by now under the Activity 1

### Activity 1

Second data: **Survey**  
(Data collection Methodology) in synergy and cooperation with Activity 2 in order to complete the in detailed analysis on onshore power supply (Cold Ironing))

### What is in progress now:

- For the purpose of this Activity 1 of the Ealing project, a **survey** is proposed to complete the in-detail analysis study on the existing national / port regulations directly or indirectly related to shore side electricity supply, including elements affecting the wider aspects contributing to electrification of the ports of the consortium.
- The Survey research is a commonly-used method of collecting information & data. For the Activity 1 &2 together , it will be conducted in two phases:
  - Phase 1: Questionnaires (Technical, Regulatory, and Energy-Supplying )
  - Phase 2: Interviews with relevant stakeholders

## Workshop with the Associations

- **OPS State of play within the members – best and worst practice**
- **OPS development issues (barriers, constraints,...)**
- **Recommendation on incentives / tax exemption on shoreside electricity**
- **Recommendation on common approach across the EU for commercial(tariff pricing) framework**
- **Indication on permitting process for the installation of electrification infrastructure**
- **Recommendation/any advice in terms of port and maritime industries emissions abatement**
- **Recommendation on any carbon-neutral standards and certification (e.g. ISO 14064)**



# Thanks!



European flagship Action for coLd ironING in ports

## Contacts

Alexio Picco , [picco@circletouch.eu](mailto:picco@circletouch.eu)

Reza Karimpour , [karimpour@circletouch.eu](mailto:karimpour@circletouch.eu)

Valeria Burlando , [burlando@circletouch.eu](mailto:burlando@circletouch.eu)

**Discover more at**

[www.ealingproject.eu](http://www.ealingproject.eu)



**Co-financed by the Connecting Europe  
Facility of the European Union**