



**Good Practice Examples  
Appendix A  
Suggested Template for National  
Policy Frameworks**

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## Table of Contents

<b>1</b>	<b>ASSESSMENT OF THE CURRENT STATE OF ALTERNATIVE FUELS IN THE TRANSPORT SECTOR.....</b>	<b>7</b>
1.1	PERCENTAGE OF CURRENT USE OF DIFFERENT FUELS FOR TRANSPORT .....	7
1.2	NUMBER OF CURRENT AFVS.....	7
1.3	ELECTRICITY .....	8
1.4	NATURAL GAS .....	9
1.5	HYDROGEN .....	10
1.6	OTHER ALTERNATIVE FUELS (LPG, BIOFUELS AND SYNTHETIC AND PARAFFINIC FUELS) .....	10
<b>2</b>	<b>NATIONAL TARGETS AND OBJECTIVES .....</b>	<b>10</b>
2.1	PERCENTAGE OF TARGETED USE OF DIFFERENT FUELS FOR TRANSPORT ....	11
2.2	ALTERNATIVE FUEL VEHICLES TARGETS.....	11
2.3	ELECTRICITY.....	12
2.4	NATURAL GAS .....	12
2.5	HYDROGEN .....	13
2.6	OTHER ALTERNATIVE FUELS .....	13
<b>3</b>	<b>MEASURES NECESSARY TO ENSURE NATIONAL TARGETS AND OBJECTIVES ARE REACHED .....</b>	<b>14</b>
3.1	LEGAL MEASURES.....	14
3.2	POLICY MEASURES AND INVESTMENTS .....	14
3.2.1	Deployment and Manufacturing Support .....	14
3.2.2	Research, Technological Development and Demonstration (RTD&D) .....	15
3.2.3	Other Measures .....	15
3.3	COOPERATION WITH NEIGHBOURING MEMBER STATES .....	15
<b>4</b>	<b>MEASURES THAT CAN PROMOTE THE DEPLOYMENT OF PRIVATE ALTERNATIVE FUELS INFRASTRUCTURE .....</b>	<b>17</b>
4.1	LEGAL MEASURES.....	17
4.2	POLICY MEASURES AND INVESTMENTS .....	17
<b>5</b>	<b>MEASURES THAT CAN PROMOTE THE DEPLOYMENT OF ALTERNATIVE FUELS INFRASTRUCTURE IN PUBLIC TRANSPORT SERVICES.....</b>	<b>18</b>
5.1	MEASURES FOR PUBLIC TRANSPORT SERVICES .....	18
5.2	NATIONAL TARGETS AND OBJECTIVES FOR PUBLIC TRANSPORT .....	18
<b>6</b>	<b>INSTALLATION IN URBAN/SUBURBAN AGGLOMERATIONS OR DENSELY POPULATED AREAS AND ALONG EXTRA-URBAN NETWORKS.....</b>	<b>19</b>
6.1	URBAN/SUBURBAN AGGLOMERATIONS OR DENSELY POPULATED AREAS.....	19
6.2	TEN-T CORE NETWORK.....	21
6.2.1	Recharging Points .....	21
6.2.2	Natural Gas Refuelling Station .....	21
6.2.3	Hydrogen Refuelling Station .....	22
6.2.4	Other Alternative Fuels Refuelling Station .....	22
6.3	TEN-T COMPREHENSIVE NETWORK .....	23
6.3.1	Recharging Points .....	23

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6.3.2	Natural Gas Refuelling Station .....	23
6.3.3	Hydrogen Refuelling Station .....	24
6.3.4	Other Alternative Fuels Refuelling Station .....	24
6.5	OTHER ROADS .....	25
6.5.1	Recharging Points .....	25
6.5.2	Natural Gas Refuelling Stations.....	25
6.5.3	Hydrogen Refuelling Stations.....	26
6.5.4	Other Alternative Fuels Refuelling Stations .....	26
<b>7</b>	<b>REFUELLING POINTS FOR LNG AT MARITIME AND INLAND PORTS INSIDE TEN-T CORE NETWORK .....</b>	<b>27</b>
7.1	SEA PORTS INSIDE TEN-T CORE NETWORK .....	27
7.2	INLAND PORTS INSIDE TEN-T CORE NETWORK .....	27
<b>8</b>	<b>ASSESSMENT OF THE NEED FOR LNG REFUELLING POINTS AT MARITIME AND INLAND PORTS OUTSIDE THE TEN-T CORE NETWORK.....</b>	<b>28</b>
8.1	SEA PORTS OUTSIDE THE TEN-T CORE NETWORK .....	28
8.2	INLAND PORTS OUTSIDE THE TEN-T CORE NETWORK .....	28
<b>9</b>	<b>SHORE SIDE ELECTRICITY IN MARITIME AND INLAND PORTS .....</b>	<b>29</b>
9.1	SEA PORTS INSIDE THE TEN-T CORE NETWORK .....	29
9.2	SEA PORTS OUTSIDE THE TEN-T CORE NETWORK .....	29
9.4	INLAND PORTS INSIDE THE TEN-T CORE NETWORK.....	30
9.5	INLAND PORTS OUTSIDE THE CORE TEN-T NETWORK.....	30
<b>10</b>	<b>ELECTRICITY SUPPLY AT AIRPORTS .....</b>	<b>31</b>
10.1	AIRPORTS INSIDE TEN-T CORE NETWORK .....	31
10.2	AIRPORTS OUTSIDE THE CORE TEN-T NETWORK.....	31

## LIST OF TABLES

<u>Table No.</u>	<u>Page</u>
Table 1.1: Number of current AFVs.....	7
Table 1.2: Number of current Recharging Points .....	8
Table 1.3: Number of current Natural Gas refuelling stations .....	9
Table 1.4: Number of current Hydrogen refuelling stations .....	10
Table 1.5: Number of current Other Alternative Fuels refuelling stations .....	10
Table 2.1: Number of AFVs.....	11
Table 2.2: Number of targeted Recharging Points.....	12
Table 2.3: Number of targeted Natural Gas refuelling stations .....	12
Table 2.4: Number of targeted Hydrogen refuelling stations .....	13
Table 2.4: Number of targeted Other Alternative Fuels refuelling stations .....	13
Table 3.1: Investment Programme for deployment and manufacturing support.....	14
Table 3.2: Investment Programme for research, technological development and demonstration .....	15
Table 3.3: Investment Programme for AFIs .....	15
Table 3.4: Cross Border Measures .....	16
Table 5.1: Number of AF Buses.....	18
Table 6.1: Planned number of recharging and refuelling points in urban/suburban agglomerations or densely populated areas - 2020 .....	19
Table 6.2: Planned number of recharging and refuelling points in urban/suburban agglomerations or densely populated areas - 2025 .....	20
Table 6.3: Planned number of recharging and refuelling points in urban/suburban agglomerations or densely populated areas - 2030 .....	20
Table 6.4: Planned number of Recharging Points along the TEN-T Core Network .....	21
Table 6.5: Planned number of Natural Gas refuelling points along the TEN-T Core Network.....	21
Table 6.6: Planned number of Hydrogen refuelling points along the TEN-T Core Network.....	22
Table 6.7: Planned number of Other Alternative fuels refuelling points along the TEN-T Core Network .....	22
Table 6.8: Planned number of Recharging Points in the TEN-T Comprehensive Network	23
Table 6.9: Planned number of Natural Gas refuelling points in the TEN-T Comprehensive Network .....	23
Table 6.10: Planned number of Hydrogen refuelling points in the TEN-T Comprehensive Network .....	24
Table 6.11: Planned number of Other Alternative Fuels refuelling Points in the TEN-T Comprehensive Network .....	24
Table 6.10: Planned number of Recharging Points on other roads .....	25
Table 6.11: Planned number of Natural Gas refuelling points on other roads .....	25
Table 6.12: Planned number of Hydrogen refuelling points on other roads .....	26
Table 6.15: Planned number of Other Alternative Fuels refuelling points on other roads .....	26
Table 7.1: LNG installation in Sea Ports - TEN-T Core Network.....	27

Table 7.2: LNG installation in Inland Ports –TEN-T Core Network .....	27
Table 8.1: LNG installation in Sea Port – Outside the TEN-T Core Network .....	28
Table 8.2: LNG installation in Inland Ports – Outside the TEN-T Core Network .....	28
Table 9.1: Shore Side Electricity installation in Sea Ports – TEN-T Core Network .....	29
Table 9.2: Shore Side Electricity installation in Sea Ports – Outside TEN-T Core Network.....	29
Table 9.3: Shore Side Electricity installation in Inland Ports – TEN-T Core Network .....	30
Table 9.4: Shore Side Electricity installation in Inland Ports –Outside TEN-T Core Network.....	30
Table 10.1: Electricity Supply at Airports –TEN-T Core Network .....	31
Table 10.2: Electricity Supply at Airports –Outside TEN-T Core Network .....	31

***Disclaimer: This non-binding template is intended to help Member States to draft comprehensive national policy frameworks and to ensure that the measures required to achieve the objectives of Directive 2014/94/EU are coherent and coordinated.***

## **1 ASSESSMENT OF THE CURRENT STATE OF ALTERNATIVE FUELS IN THE TRANSPORT SECTOR**

*An assessment of the current state and future development of the market as regards alternative fuels in the transport sector, including in light of their possible simultaneous and combined use, and of the development of alternative fuels infrastructure, considering, where relevant, cross-border continuity*

Please report the current state regarding the current use of different fuels, the total number of alternative fuel infrastructures (AFIs) and the number of alternative fuel vehicles (AFVs).

### **1.1 PERCENTAGE OF CURRENT USE OF DIFFERENT FUELS FOR TRANSPORT**

#### **1.2 NUMBER OF CURRENT AFVs**

**Table 1.1: Number of current AFVs**

<b>ALTERNATIVE FUEL VEHICLES</b>	<b>NUMBER OF VEHICLES</b>
	<b>2015</b>
Electric Cars	
Electric Light Duty Vehicles	
Electric Heavy Duty Vehicles	
Electric Buses	
Electric Motorbike	
CNG Cars	
CNG Light Duty Vehicles	
CNG Heavy Duty Vehicles	
CNG Buses	
LNG Light Duty	
LNG Heavy Duty	
LNG Buses	
Hydrogen Car	
Hydrogen Light Duty	
Hydrogen Heavy Duty	
Hydrogen Buses	
LPG Car	
LPG Light Duty	
LPG Heavy Duty	

ALTERNATIVE FUEL VEHICLES	NUMBER OF VEHICLES
	2015
LPG Buses	
Biofuels Car	
Biofuels Light Duty	
Biofuels Heavy Duty	
Biofuels Buses	
Synthetic and paraffinic fuels Car	
Synthetic and paraffinic fuels Light Duty	
Synthetic and paraffinic fuels Heavy Duty	
Synthetic and paraffinic fuels Buses	

### 1.3 ELECTRICITY

**Table 1.2: Number of current Recharging Points**

ELECTRICITY	Recharging Points
	2015
Normal power recharging points (Public)	
High power recharging points (Public)	
Normal power recharging points (Private)	
High power recharging points (Private)	
Shore-side electricity supply in maritime and inland ports (Terminals)	
Electricity supply for stationary airplanes	



## 1.4 NATURAL GAS

**Table 1.3: Number of current Natural Gas refuelling stations**

NATURAL GAS	Natural Gas refuelling stations
	2015
CNG refuelling stations (public)	
CNG refuelling stations (private)	
LNG refuelling stations for HD vehicles (public)	
LNG refuelling stations for HD vehicles (private)	
Sea Ports - LNG refuelling points	
Inland Ports - LNG refuelling points	

## 1.5 HYDROGEN

**Table 1.4: Number of current Hydrogen refuelling stations**

HYDROGEN	Hydrogen Refuelling stations	
	2015 (350 bar)	2015 (700 bar)
Refuelling Stations (public)		
Refuelling Stations (private)		

## 1.6 OTHER ALTERNATIVE FUELS (LPG, BIOFUELS AND SYNTHETIC AND PARAFFINIC FUELS)

**Table 1.5: Number of current Other Alternative Fuels refuelling stations**

Other Alternative fuels	Other Alternative Fuels Refuelling stations
LPG Refuelling Stations (public)	
LPG Refuelling Stations (private)	
Biofuels Refuelling Stations (public)	
Biofuels Refuelling Stations (private)	
Synthetic and paraffinic fuels Refuelling Stations (public)	
Synthetic and paraffinic fuels Refuelling Stations (private)	

## 2 NATIONAL TARGETS AND OBJECTIVES

*National targets and objectives, pursuant to Articles 4(1), 4(3), 4(5), 6(1), 6(2), 6(3), 6(4), 6(6), 6(7), 6(8) and, where applicable, Article 5(1), for the deployment of alternative fuels infrastructure. Those national targets and objectives shall be established and may be revised on the basis of an assessment of national, regional or Union-wide demand, while ensuring compliance with the minimum infrastructure requirements set out in this Directive,*

## 2.1 PERCENTAGE OF TARGETED USE OF DIFFERENT FUELS FOR TRANSPORT

Please report the main figures about energy sources for the transport sector

## 2.2 ALTERNATIVE FUEL VEHICLES TARGETS

Please report the targets concerning AFVs

**Table 2.1: Number of AFVs**

ALTERNATIVE FUEL VEHICLES	Number of Vehicles		
	2020	2025	2030
Electric Cars			
Electric Light Duty Vehicles			
Electric Heavy Duty Vehicles			
Electric Buses			
Electric Motorbike			
CNG Cars			
CNG Light Duty Vehicles			
CNG Heavy Duty Vehicles			
CNG Buses			
LNG Light Duty			
LNG Heavy Duty			
LNG Buses			
Hydrogen Car			
Hydrogen Light Duty			
Hydrogen Heavy Duty			
Hydrogen Buses			
LPG Car			
LPG Light Duty			
LPG Heavy Duty			
LPG Buses			
Biofuels Car			
Biofuels Light Duty			
Biofuels Heavy Duty			
Biofuels Buses			
Synthetic and paraffinic fuels Car			
Synthetic and paraffinic fuels Light Duty			
Synthetic and			

ALTERNATIVE FUEL VEHICLES	Number of Vehicles		
	2020	2025	2030
paraffinic fuels Heavy Duty			
Synthetic and paraffinic fuels Buses			

## 2.3 ELECTRICITY

**Table 2.2: Number of targeted Recharging Points**

ELECTRICITY	Recharging Points		
	2020	2025	2030
Normal power recharging points (Public)	....	....	....
High power recharging points (Public)	....	....	....
Normal power recharging points (Private)			
High power recharging points (Private)			
Shore-side electricity supply in maritime and inland ports (Terminals)	....	....	....
Electricity supply for stationary airplanes	....	....	....

## 2.4 NATURAL GAS

**Table 2.3: Number of targeted Natural Gas refuelling stations**

NATURAL GAS	Refuelling Stations		
	2020	2025	2030
CNG refuelling stations (public)	....	....	....
CNG refuelling stations (private)			
LNG refuelling stations for HD vehicles(public)	....	....	....
LNG refuelling stations for HD vehicles (private)			
Sea Ports - LNG refuelling points	....	....	....
Inland Ports - LNG refuelling points	....	....	....

## 2.5 HYDROGEN

**Table 2.4: Number of targeted Hydrogen refuelling stations**

HYDROGEN	Refuelling Stations		
	2020	2025	2030
Refuelling Stations - 350 bar (public)	....	....	....
Refuelling Stations - 350 bar (private)			
Refuelling Stations - 700 bar (public)	....	....	....
Refuelling Stations - 700 bar (private)			

## 2.6 OTHER ALTERNATIVE FUELS

**Table 2.5: Number of targeted Other Alternative Fuels refuelling stations**

Other Alternative Fuels	Refuelling Stations		
	2020	2025	2030
LPG Refuelling Stations (public)	....	....	....
LPG Refuelling Stations (private)			
Biofuels Refuelling Stations (public)	....	....	....
Biofuels Refuelling Stations (private)			
Synthetic and Paraffinic fuels Refuelling Stations (public)	....	....	....
Synthetic and Paraffinic fuels Refuelling Stations (private)			

### 3 MEASURES NECESSARY TO ENSURE NATIONAL TARGETS AND OBJECTIVES ARE REACHED

*Measures necessary to ensure that the national targets and the objectives contained in the national policy framework are reached*

#### 3.1 LEGAL MEASURES

Please provide the list of the measures adopted.

#### 3.2 POLICY MEASURES AND INVESTMENTS

Please provide the list of the measures adopted.

##### 3.2.1 Deployment and Manufacturing Support

**Table 3.1: Investment Programme for deployment and manufacturing support**

Name of Investment programme	Short Description	TOTAL AMOUNT OF THE INVESTMENT					
		2015	2016	.....	....	.....	.....

### 3.2.2 Research, Technological Development and Demonstration (RTD&D)

**Table 3.2: Investment Programme for research, technological development and demonstration**

Name of investment programme	Short Description	TOTAL AMOUNT OF THE INVESTMENT					
		2015	2016	.....	....	.....	.....

### 3.2.3 Other Measures

**Table 3.3: Investment Programme for AFIs**

Name of Investment programme	Short Description	TOTAL AMOUNT OF THE INVESTMENT					
		2015	2016	.....	....	.....	.....

## 3.3 COOPERATION WITH NEIGHBOURING MEMBER STATES

*Member States shall cooperate with neighbouring Member States where necessary to ensure continuity of alternative fuels infrastructure coverage.*

**Table 3.4: Cross Border Measures**

	<b>Electric</b>	<b>CNG</b>	<b>LNG</b>	<b>Hydrogen</b>	<b>LPG</b>	<b>Biofuels</b>	<b>Synthetic and Paraffinic Fuels</b>
Name of the neighbouring Member States							
.....							
.....							
Name of the neighbouring State (1)							
.....							
.....							

Note: (1) Norway, Switzerland, Montenegro, etc.

Please provide some details about the cooperation agreements.



## **4 MEASURES THAT CAN PROMOTE THE DEPLOYMENT OF PRIVATE ALTERNATIVE FUELS INFRASTRUCTURE**

*Measures necessary to ensure that the national targets and the objectives contained in the national policy framework are reached*

### **4.1 LEGAL MEASURES**

Please provide the list of the measures adopted

### **4.2 POLICY MEASURES AND INVESTMENTS**

Please provide the list of the measures adopted.

## 5 MEASURES THAT CAN PROMOTE THE DEPLOYMENT OF ALTERNATIVE FUELS INFRASTRUCTURE IN PUBLIC TRANSPORT SERVICES

*Measures that can promote the deployment of alternative fuels infrastructure in public transport services*

### 5.1 MEASURES FOR PUBLIC TRANSPORT SERVICES

Please provide the list of the measures adopted

### 5.2 NATIONAL TARGETS AND OBJECTIVES FOR PUBLIC TRANSPORT

**Table 5.1: Number of AF Buses**

	Public			Private		
	2020	2025	2030	2020	2025	2030
CNG						
LNG						
Electric						
Hydrogen						
LPG						
Biofuels						
Synthetic and Paraffinic Fuels						
Total						

## 6 INSTALLATION IN URBAN/SUBURBAN AGGLOMERATIONS OR DENSELY POPULATED AREAS AND ALONG EXTRA-URBAN NETWORKS

### 6.1 URBAN/SUBURBAN AGGLOMERATIONS OR DENSELY POPULATED AREAS

*Designation of the urban/suburban agglomerations, of other densely populated areas and of networks which, subject to market needs, are to be equipped with recharging points accessible to the public*

**Table 6.1: Planned number of recharging and refuelling points in urban/suburban agglomerations or densely populated areas - 2020**

2020	Number of Inhabitants	High Power Recharging Points	Normal Power Recharging Points	CNG Refuelling Stations	LNG Refuelling Stations	Hydrogen Refuelling Stations	LPG Refuelling Stations	Biofuels Refuelling Stations	Synthetic and Paraffinic fuels Refuelling Stations
Area Name									
Area Name									
Area Name									
Area Name									
Area Name									
Other									

**Table 6.2: Planned number of recharging and refuelling points in urban/suburban agglomerations or densely populated areas - 2025**

<b>2025</b>	Number of Inhabitants	High Power Recharging Points	Normal Power Recharging Points	CNG Refuelling Stations	LNG Refuelling Stations	Hydrogen Refuelling Stations	LPG Refuelling Stations	Biofuels Refuelling Stations	Synthetic and Paraffinic fuels Refuelling Stations
Area Name									
Area Name									
Area Name									
Area Name									
Area Name									
Other									

**Table 6.3: Planned number of recharging and refuelling points in urban/suburban agglomerations or densely populated areas - 2030**

<b>2030</b>	Number of Inhabitants	High Power Recharging Points	Normal Power Recharging Points	CNG Refuelling Stations	LNG Refuelling Stations	Hydrogen Refuelling Stations	LPG Refuelling Stations	Biofuels Refuelling Stations	Synthetic and Paraffinic fuels Refuelling Stations
Area Name									
Area Name									
Area Name									
Area Name									
Area Name									
Other									

## 6.2 TEN-T CORE NETWORK

### 6.2.1 Recharging Points

**Table 6.4: Planned number of Recharging Points along the TEN-T Core Network**

		2020			2025			2030		
NETWORK NAME		Number	Max Distance	% of completion	Number	Max Distance	% of completion	Number	Max Distance	% of completion
Network name	High power									
Network name	Normal Power									

### 6.2.2 Natural Gas Refuelling Station

**Table 6.5: Planned number of Natural Gas refuelling points along the TEN-T Core Network**

		2020			2025			2030		
NETWORK NAME		Number	Max Distance	% of completion	Number	Max Distance	% of completion	Number	Max Distance	% of completion
Network name	CNG									
Network name	LNG									

### 6.2.3 Hydrogen Refuelling Station

**Table 6.6: Planned number of Hydrogen refuelling points along the TEN-T Core Network**

	2020			2025			2030		
NETWORK NAME	Number	Max Distance	% of completion	Number	Max Distance	% of completion	Number	Max Distance	% of completion
Network name									
Network name									

### 6.2.4 Other Alternative Fuels Refuelling Station

**Table 6.7: Planned number of Other Alternative fuels refuelling points along the TEN-T Core Network**

		2020			2025			2030		
NETWORK NAME	Other Alternative Fuels (LPG, Biofuels, Synthetic and Paraffinic fuels)	Number	Max Distance	% of completion	Number	Max Distance	% of completion	Number	Max Distance	% of completion
Network name										
Network name										
Network name										

## 6.3 TEN-T COMPREHENSIVE NETWORK

### 6.3.1 Recharging Points

**Table 6.8: Planned number of Recharging Points in the TEN-T Comprehensive Network**

		2020			2025			2030		
ROAD NAME		Number	Max Distance	% of completion	Number	Max Distance	% of completion	Number	Max Distance	% of completion
Road name	High power									
Road name	Normal Power									

### 6.3.2 Natural Gas Refuelling Station

**Table 6.9: Planned number of Natural Gas refuelling points in the TEN-T Comprehensive Network**

		2020			2025			2030		
ROAD NAME		Number	Max Distance	% of completion	Number	Max Distance	% of completion	Number	Max Distance	% of completion
Road name	CNG									
Road name	LNG									

### 6.3.3 Hydrogen Refuelling Station

**Table 6.10: Planned number of Hydrogen refuelling points in the TEN-T Comprehensive Network**

ROAD NAME	2020			2025			2030		
	Number	Max Distance	% of completion	Number	Max Distance	% of completion	Number	Max Distance	% of completion
Road name									
Road name									

### 6.3.4 Other Alternative Fuels Refuelling Station

**Table 6.11: Planned number of Other Alternative Fuels refuelling Points in the TEN-T Comprehensive Network**

ROAD NAME	Other Alternative Fuels (LPG, Biofuels, Synthetic and Paraffinic fuels)	2020			2025			2030		
		Number	Max Distance	% of completion	Number	Max Distance	% of completion	Number	Max Distance	% of completion
Road name										
Road name										
Road name										



## 6.5 OTHER ROADS

### 6.5.1 Recharging Points

**Table 6.12: Planned number of Recharging Points on other roads**

		2020			2025			2030		
ROAD NAME		Number	Max Distance	% of completion	Number	Max Distance	% of completion	Number	Max Distance	% of completion
Road name	High power									
Road name	Normal power									

### 6.5.2 Natural Gas Refuelling Stations

**Table 6.13: Planned number of Natural Gas refuelling points on other roads**

		2020			2025			2030		
ROAD NAME		Number	Max Distance	% of completion	Number	Max Distance	% of completion	Number	Max Distance	% of completion
Road name	CNG									
Road name	LNG									

### 6.5.3 Hydrogen Refuelling Stations

**Table 6.14: Planned number of Hydrogen refuelling points on other roads**

	2020			2025			2030		
ROAD NAME	Number	Max Distance	% of completion	Number	Max Distance	% of completion	Number	Max Distance	% of completion
Road name									
Road name									

### 6.5.4 Other Alternative Fuels Refuelling Stations

**Table 6.15: Planned number of Other Alternative Fuels refuelling points on other roads**

		2020			2025			2030		
ROAD NAME	Other Alternative Fuels (LPG, Biofuels, Synthetic and Paraffinic fuels)	Number	Max Distance	% of completion	Number	Max Distance	% of completion	Number	Max Distance	% of completion
Road name										
Road name										
Road name										

## 7 REFUELLING POINTS FOR LNG AT MARITIME AND INLAND PORTS INSIDE TEN-T CORE NETWORK

*Member States shall ensure, by means of their national policy frameworks, that an appropriate number of refuelling points for LNG are put in place at maritime ports, to enable LNG inland waterway vessels or seagoing ships to circulate throughout the TEN-T Core Network by 31 December 2025.*

*Member States shall ensure, by means of their national policy frameworks, that an appropriate number of refuelling points for LNG are put in place at inland ports, to enable LNG inland waterway vessels or seagoing ships to circulate throughout the TEN-T Core Network by 31 December 2030. Member States shall cooperate with neighbouring Member States where necessary to ensure adequate coverage of the TEN-T Core Network.*

### 7.1 SEA PORTS INSIDE TEN-T CORE NETWORK

**Table 7.1: LNG installation in Sea Ports - TEN-T Core Network**

PORT NAME	2020	2025	2030
Port Name			
Port Name			

### 7.2 INLAND PORTS INSIDE TEN-T CORE NETWORK

**Table 7.2: LNG installation in Inland Ports –TEN-T Core Network**

PORT NAME	2020	2025	2030
Port Name			
Port Name			

## 8 ASSESSMENT OF THE NEED FOR LNG REFUELLING POINTS AT MARITIME AND INLAND PORTS OUTSIDE THE TEN-T CORE NETWORK

*The National Policy Framework shall contain an assessment of the need to install refuelling points for LNG in ports outside the TEN-T Core Network.*

### 8.1 SEA PORTS OUTSIDE THE TEN-T CORE NETWORK

**Table 8.1: LNG installation in Sea Port – Outside the TEN-T Core Network**

PORT NAME	2020	2025	2030
Port Name			
Port Name			

### 8.2 INLAND PORTS OUTSIDE THE TEN-T CORE NETWORK

**Table 8.2: LNG installation in Inland Ports – Outside the TEN-T Core Network**

PORT NAME	2020	2025	2030
Port Name			
Port Name			

## 9 SHORE SIDE ELECTRICITY IN MARITIME AND INLAND PORTS

Member States shall ensure that the need for shore-side electricity supply for inland waterway vessels and seagoing ships in maritime and inland ports is assessed in their national policy frameworks. Such shore-side electricity supply shall be installed as a priority in ports of the TEN-T Core Network, and in other ports, by 31 December 2025, unless there is no demand and the costs are disproportionate to the benefits, including environmental benefits.

### 9.1 SEA PORTS INSIDE THE TEN-T CORE NETWORK

**Table 9.1: Shore Side Electricity installation in Sea Ports – TEN-T Core Network**

PORT NAME	Terminal NAME	2020	2025	2030
Port Name	Terminal Name			
Port Name	Terminal Name			

### 9.2 SEA PORTS OUTSIDE THE TEN-T CORE NETWORK

**Table 9.2: Shore Side Electricity installation in Sea Ports – Outside TEN-T Core Network**

PORT NAME	Terminal NAME	2020	2025	2030
Port Name	Terminal Name			
Port Name	Terminal Name			

## 9.4 INLAND PORTS INSIDE THE TEN-T CORE NETWORK

**Table 9.3: Shore Side Electricity installation in Inland Ports – TEN-T Core Network**

PORT NAME	Terminal NAME	2020	2025	2030
Port Name	Terminal Name			
Port Name	Terminal Name			

## 9.5 INLAND PORTS OUTSIDE THE CORE TEN-T NETWORK

**Table 9.4: Shore Side Electricity installation in Inland Ports – Outside TEN-T Core Network**

PORT NAME	Terminal NAME	2020	2025	2030
Port Name	Terminal Name			
Port Name	Terminal Name			

## 10 ELECTRICITY SUPPLY AT AIRPORTS

### 10.1 AIRPORTS INSIDE TEN-T CORE NETWORK

**Table 10.1: Electricity Supply at Airports –TEN-T Core Network**

AIRPORT NAME	2020	2025	2030
Airport Name			
Airport Name			

### 10.2 AIRPORTS OUTSIDE THE CORE TEN-T NETWORK

**Table 10.2: Electricity Supply at Airports –Outside TEN-T Core Network**

AIRPORT NAME	2020	2025	2030
Airport Name			
Airport Name			

