



**SMOOTH
PORTS**

Interreg Europe



European Union
European Regional
Development Fund

Municipality of Monfalcone

Update on project status

Stefano Bevilacqua

Port Network Authority of the Eastern Adriatic Sea



[#SmoothPorts](https://twitter.com/SmoothPorts)



www.interregeurope.eu/smoothports

Thursday, 22.4.2021

Challenges

Port activities affect the surrounding area with externalities referred to air quality and road congestion and degradation.

The main challenges we intend to face are:

- Improving the environmental quality;
- Improving the urban mobility.

Hindrances

- Port/Industrial activities > GHG emissions and noise pollution;
- Urban freight traffic > damages local road conditions, create congestions;
- Lack of sustainable transport options.

Solutions

Starting from:

1) Final report on the Carbon Footprint for the Port of Monfalcone relating to the year 2019 – document that reports the greenhouse gas emissions in the Port of Monfalcone;

2) Sustainable Urban Mobility Plan of Municipality of Monfalcone - guidelines and reference framework to develop the sustainable and optimal mobility management strategies of city of Monfalcone;

we defined an ACTION PLAN of the main activities to implement in order to face the described challenges.

Solutions - 1st Action

INSTALLATION OF TWO DETECTORS

Count the transits of trucks and assess the related level of pollution.

Purpose: collect data on heavy vehicles that pass through the city in order to assess pollution and degradation of road infrastructures, to devise corrective actions.

Status: collecting quotes, evaluating technical solutions.

Solutions – 2nd Action

ELECTRIC CHARGING STATIONS

Installation of electric charging station outside of the Monfalcone Port area.

Purpose: to promote and encourage the use of electric and hybrid cars in order to reduce and CO2 emissions in the area.

Status: collecting quotes, evaluating technical solutions.

Solutions – 3rd Action

ON SHORE POWER SUPPLY IN THE PORT OF MONFALCONE

54% of the CO₂ emitted yearly in the Port of Monfalcone derives from moored ships

The only way to eliminate this source of CO₂ is on-shore power supply, i.e. the provision of electricity to ships at berth, allowing them to turn off their auxiliary engines.

Purpose: Reduction of port-related emissions

Status: Projecting the infrastructure.



SMOOTH PORTS

Interreg Europe



European Union
European Regional
Development Fund

Thank you for your kind attention!



#SmoothPorts



www.interregeurope.eu/smoothports

Thursday, 22.4.2021