

# Output O.4.4 - Purchase of 3 e-scooters for sharing services

WP 4 Pilots: small technological investments, equipment installations and new services start-up

Document: <u>Public/Confidential</u>			
Responsible partner: University of Split			
Involved partners: All			
Version	Status	Date	Author
1.0	First Draft	01/2020	University of Split
1.1	Second Draft	03/2020	University of Split
1.2	Final document	11/2022	University of Split
1.3	Review	06/2023	University of Split
Notes:			

## Table of Contents

<b>Table of Contents</b> .....	<b>1</b>
<b>Index of figures</b> .....	<b>1</b>
<b>Introduction</b> .....	<b>2</b>
<b>E-scooters for sharing services in Krk Island (Croatia)</b> .....	<b>2</b>
<b>E-car sharing service in Maslinica-Šolta (Croatia)</b> .....	<b>3</b>

## Index of figures

Figure 1 – E-scooters for sharing services installed by PP12 Ponikve on Krk Island.....	2
Figure 2 – E-car sharing service installed by PP10 Dvorac.....	3

## Introduction

This document represents output **O.4.4 Purchase of 3 e-scooters for sharing services by Ponikve and 1 e-car sharing for passengers transport by H.L. Dvorac**. Pictures and descriptions of the different installations are provided in the chapters below.

### E-scooters for sharing services in Krk Island (Croatia)



*Figure 1 – E-scooters for sharing services installed by PP12 Ponikve on Krk Island.*

As showed in Figure 1, PP12 Ponikve installed **4 stands and chargers for 4 electric scooters (romobil)**, which are connected to the same **sharing system and software** used for renting the e-bikes. The installations are located in front of the administrative building of PP12's organization, thus serving a wide audience of both tourists of the nearby marina, residents and Ponikve employees as well. Parcels of installation are owned by local municipalities and the Ponikve company itself. All mobility stations are located close but outside of old city center (in front of historical old town). Tendering procedure was prolonged due to COVID-19 crisis. Negotiations with

maintenance and mobility app provider, and development of application, have been challenging also on the topic of providing free-of-charge service.

No applicants submitted to the first announcement of the public tender, so PP12 had to repeat the tender. In the second call, the partner contracted the procurement and installation of the necessary equipment. Factor for success was also the collaboration with prior existing operator of bike sharing systems on the Island.

Thanks to DEEP-SEA, they had the opportunity to test and improve their organizational knowledge, and also improved in practice the technical knowledge related to photovoltaic cells, battery systems and the use of apps and new technologies.

## E-car sharing service in Maslinica-Šolta (Croatia)

E-mobility & sharing services included both infrastructural works and the purchase of an electric car. The infrastructural works implied the installation of the system for charging, preparatory construction works, excavation of the cable duct for laying power cables, setting up and parameterizing the system, connecting to a local LAN and establishing software control over the operation of the station.



Figure 2 – E-car sharing service installed by PP10 Dvorac.

PP10 activated an **e-car sharing service** at its own premises, in the Martinis Marchi marina within the municipality of Maslinica, on Šolta island (Figure 2). The section of the parking lot dedicated to the car sharing was painted with all the necessary signs for highlighting the presence of the equipment. The provision of an environmentally friendly mobility service was the most successful



part of the project. The e-sharing service was used by 51 people. The e-car was driven 11.032 km and it used the e-vehicle charger for 487,64 h, saving 79,31 CO2 kg. /month. The e-SUV supported PP10 in the organization of eco-tours throughout the island, vineyards and old army locations. It is a cheap service, which has been highly appreciated by Marina's customers.