Regional report on best practices in Primorje-gorski Kotar County

Final version of 30/09/2021

D.4.3.1

Project Full Title	Framework initiative fostering the sustainable development of Adriatic small ports
Project Acronym	FRAMESPORT
Project ID	10253074
Project Website	https://www.italy-croatia.eu/web/framesport
Priority Axis	4 – Maritime Transport
Specific Objective	4.1
Work Package	4
Work Package title	CONVEYING KNOWLEDGE OF MACRO-THEMES INTO ACTIONS
Deliverable Nr.	4.3.1
Status	~~Draft/Revised/~~Final
Partner in charge	Primorje-gorski Kotar County
Dissemination Level	Public/~~Partnership~~

Table of Contents

	BEST PRACTICE REPORT FORM

Best practice title: Steora CCTV

Best practice title

This best practice example derives from the need to ensure an alternative to the traditional seating system which in its core presents something simple with no visible need for upgrades. Steora CCTV represents a new generation of SMART benches that represent the combination of smart technology featuring safety environment. The smart bench is ideal for public spaces that are in need of higher level of security in open public spaces. The bench model is equipped with four cameras, one on each side of the bench creating a 360° overview of the surroundings. The cameras are also equipped with infra-red light which ensures a quality recording even during a night. The bench is weather and vandal resistant but requires AC for 24/7 operation.

Bench configuration options: Access live streaming and recordings via dashboard (Ethernet or fiber optics) + HDD storage inside the bench; Live broadcast only via the control panel, without storing videos on the hard disk (there is no hard disk inside the bench; Video material is stored on the hard disk inside the bench, there is no access to recorded material or live transmission via the control panel.

Combining the energy of solar panels and an alternating network, the bench retains all its functions throughout all seasons, adapting to outdoor conditions. Grid power is mainly used during the lower days of insolation. When the solar battery charge drops below 30%, the AC module turns on to quickly charge the battery system. Because it can be powered from the AC source, the bench offers additional features such as seat heating or powering other devices in its vicinity.

The bench contains monocrystal photovoltaic system resulting in 110W of power ensuring enough energy to power 2 USB ports and an interactive LED light ensuring visually attractive product. It has a wireless charging point (10W) and a Wi-Fi hotspot (4g LTE – 150 Mbps) with a 4–20-meter range.

Give an overview about who it is intended for

Steora bench could be intended for any kind of public authority that potentially have a public space within its governance. Due to the fact that bench is fairly resistant to weather and any kind of violent behavior it would be a safe option to place it in an open space where some kind of malicious behavior may occur to ensure safety of local passers-by and safety and longevity of surroundings (buildings, monuments, vehicles…).

Recommend how it can be advanced (Improved)

Improvement could possibly include a canopy so the bench can double as a waiting space for passengers in various weather conditions.

Please explain potential transferability in region

Transferability simply refers to the fact that some kind of good or service could be transferred somewhere else with the premise of expecting fairly similar results while taken into a consideration that the situation is also pretty similar. The use case of smart benches has an unlimited transferability potential due to simplicity of a construction and minimal existing technical requirements. It is an individual, freestanding product that offers a lot of services inside of a one product while requiring only an AC power supply.