

ECOLOGICAL supporting for traffic Management in cOastal areas By using an InteLLigent sYstem



web site: <http://www.italy-croatia.eu>

acronym: ECOMOBILITY

Funding Institution: EC-European Commission

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Research Group: Environmental Health Department/Teaching Institute of Public Health

Description:

The ECOMOBILITY project will foster an innovative traffic management system in the coastal areas by collecting the environmental data from monitoring stations located around the cities and streaming the information to traffic management bodies in real time thus capitalizing the main results of the POSEIDON project. The activities will be also focused on raising the knowledge about the shipping impact on the air quality and producing tools to be used in the cross-border area. The main outcomes of the project are: Traffic management system (road and ship traffic); application for planning ecological trips; environmental data collection; report assessing and comparing the impacts of ship traffic to air quality in Venice and Rijeka.

Partnership

Ca' Foscari University of Venice (Lead Partner)

Veneto Region;

Institute of Atmospheric Sciences and Climate, CNR -ISAC (Lecce);

University of Rijeka, Faculty of Medicine

City of Rijeka

(HR)

Projekt ECOMOBILITY će razviti i promovirati inovativni sistem upravljanja prometom u obalnom području, prikupljajući podatke kvalitete zraka s mjernih stanica i prosljeđujući ih istovremeno jedinicama za upravljanje prometom. Na taj će se način kapitalizirati saznanja do kojeg su partneri došli u prethodnom projektu POSEIDON. Aktivnosti će također biti usmjerene na produbljenje znanja o utjecaju pomorskog prometa na kvalitetu zraka te stvaranje odgovarajućih alata za korištenje u priobalnom području. Glavni rezultati projekta su: sistem za upravljanje prometom (cestovnim i pomorskim); aplikacija za planiranje ekoloških putovanja, sakupljanje podataka o kvaliteti okoliša, izvještaj u kojem će se usporediti utjecaj pomorskog prometa na kvalitetu zraka u Rijeci i Veneciji .

Partneri:

Sveučilišta Ca'Foscari iz Venecije (Vodeći partner)

Regija Veneto

Institut za istraživanje atmosfere i klime, CNR-ISAC (Lecce)

Sveučilište u Rijeci, Medicinski fakultet

Grad Rijeka