



Kick-off meeting - Firenze, 7th October 2011

QUADMAP
LIFE+2010/ENV/407

General presentation of the project



QUADMAP: QUIET AREAS DEFINITION AND MANAGEMENT IN ACTION PLANS

Summary

Beneficiaries and Supporters

Objectives

Packages and Actions

Expected Results



QUADMAP – Beneficiaries and Supporters

Coordinating beneficiary:

1 - Università di Firenze, Dipartimento di Meccanica e Tecnologie Industriali (UNIFI-DMTI)

Associated beneficiaries:

2 - DCMR Environmental Protection Agency (DCMR EPA)

3 - Area de Obras y Servicios, Ayuntamiento de Bilbao (BILBAO)

4 - TECNALIA

5 - VIE EN.RO.SE. Ingegneria S.r.l. (VIE EN.RO.SE.)

6 - Comune di Firenze (FIRENZE)

7 – BRUITPARIF

Supporters:

EUROCITIES



QUADMAP – Project Objectives

Current practices about selection, assessment and management of Quiet Areas in EU Countries, though regulated by the EU Directive 49/2002/CE on Environmental Noise, appear to be extremely fragmented and inhomogeneous. In fact, each country during past years has adopted a set of strategies strictly related to their specific contexts.

The main aim of QUADMAP is to develop a harmonized methodology for **selection**, **assessment** (combining quantitative and qualitative parameters) and **management** (noise mitigation, increasing of usability of areas and user's satisfaction) of Urban Quiet Areas (UQAs).

The results of the project will facilitate urban planners to apply standard procedures for identification, delimitation and prioritization of UQAs.



QUADMAP – Packages and Actions

Package A: Data Collection

Package B: Methodology

Package C: Demonstration

Package D: Results

Package E: General Activities

Start data: **01.09.2011**

Expected end data: **30.09.2014**



QUADMAP – Packages and Actions

Package A: Data Collection

Action A.1 - Method for data collection definition (UNIFI-DMTI)

Actions A.2 / A.5 - Data collection and analysis - The Netherlands, Belgium, Norway and United Kingdom (DCMR EPA) – Italy and Germany (VIENROSE) – Spain and Portugal (TECNALIA) – France (BRUITPARIF)

Package B: Methodology

Action B.6 - UQA methodologies for selection, analysis and definition both strategic and operative actions (UNIFI-DMTI)

Action Number of action	2011				2012				2013				2014				2015			
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QUADMAP – Packages and Actions

Package C: Demonstration

Action C.7 / C.12 - Pilot areas selection, interventions design and accomplishment will be carried out in FIRENZE (*school gardens and squares*), BILBAO (*urban and peri-urban quiet areas*) and in a city of The Netherlands (*quiet areas in the city centre and residential places*)

Expected infrastructural costs = 655.000,00 €

Package D: Results

Action D.13 - Methodology optimization (UNIFI-DMTI)

Package E: General Activities

Actions E.14 / E.20 – Dissemination (all partners will be involved)

Action E.21/22/23 - Project Management/Monitoring/Networking (UNIFI-DMTI)

Action Number of action	2011					2012					2013					2014					2015				
	September	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV			
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QUADMAP – Expected results

- A guideline about a harmonized methodology for selection, assessment and management of Urban Quiet Areas (UQAs)
- A reduction up to 10-15% of the time required in order to derive UQAs management solutions in those countries where such a methodology is still factually lacking
- With respect to the average situation pointed out by surveys in package A, the harmonized approach is additionally expected to increase citizens' satisfaction about UQA of at least: 40% in UQA selection; 30% in UQA analysis; 20% in UQA management
- A database, publicly available, comprising the collected methodologies along with their limits
- The on-the-field data employed for case studies will be published, along with applicative examples (design solutions)