RENEWABLE BEST PRACTICES HANDBOOK (RBPHB)

Code: **MARIE/MEDBEES/IL/WP5/SM3.1/PA3.1/RBPHB**

Type of output**: Handbook**

Responsible partner: **CTFC**

Key words: Successful cases implementing renewable in existing buildings, Renewable energy, biomass, solar, geothermic, integrating renewable in buildings,

Description: *An open handbook to register the most successful cases where existing buildings through renewable integration improves a lot their renewable quota.*

The Renewable Best Practices Handbook is an open product where MED Regions and Cities, but in the future also private promoters of ERB can integrate their experiences and use the others to generate new projects. The Handbook is conceived to register innovation in renewable integration field filtering the cases accepted the Handbook should be a tool to facilitate the progress of existing buildings to achieve the EU objectives and specially the Nearly Zero Energy in Buildings policy.

The Handbook contains examples of projects with Biomass, solar panels in own consumption, solar thermal...

It's a product to show several cases of successful implementation of renewable energies in buildings that facilitate increased renewable quota, decreases energy consumption and produces significant cost savings.

Each file of the handbook contains a brief description of the project, photos, technical and economic data of the installation

An example:

RENEWABLE BEST PRACTICES HANDBOOK

NUMBER EXPERIENCE: 1

FACILITY	Biomass boiler in public building (Forest Science Centre of Catalonia
PROMOTOR	Forest Science Centre of Catalonia
INSTALLER COMPANY	
COMPLETION YEAR	2008
TOWN	SOLSONA

BRIEF DESCRIPTION OF PROJECT:

THECNICAL FEATURES:

Description of machines/Facilities: Herz Biomatic Bio Control 300 350 Kwt

Building Surface: 3.500 m2

TOTAL INVESTMENT	
ANNUAL HEATING ENERGY CONSUMPTION	
BIOMASS CONSUMED	
ANNUAL SAVINGS	
SIMPLE PAYBACK PERIOD	
INTERNAL RATE OF RETURN (IRR)	
RENEWABLE RESOURCES QUOTA	

Interactions: **MARIE/MEDBEES/IF/WP5/SM3.1/PA3.1/RBPHB (Renewable Best Practices Handbook)**

Analysis: The strengths: availability of best cases of implement renewable. Weaknesses: It should be completed with more successfully cases.

Interest: to promote NZEB in MED Regions