


Architects

DEVELOPMENT OF AN ECO MANUAL SOFTWARE KIT (E.M.S.M)

Eco Manual +Software kit is a **software based tool box** for developing roof terraces into green roof eco systems (reducing scientifically the footprint of a building in urban context).

The user with the help of a manual and a software is generating scenarios of energy saving models , water management systems, composting models , vegetation activities. At the end the software is able to produce a building profile , calculating the quantified and qualified benefits of the chosen scenarios.

ECO SYSTEM AT BLOCK OF FLATS IN URBAN CONTEXT___ Dimitris Raidis Architect Urban Planner / Marina Michailidou A.U.T.H. Architect, Engineer
 KARD Architects _all right reserved www.kardarchitects.com



Architects

DEVELOPMENT OF AN ECO MANUAL SOFTWARE KIT (E.M.S.M)

MANUAL

- Instructions on software use (step by step use)
- Basic technical guide
- Descriptions and basic information on cultivation models
- Examples of key elements for implementation (basic knowledge)

+

SOFTWARE

- Data collection
- Climate calculations
- Layout output
- Scenarios calculations
- Printing building profiles

Development kit

ECO SYSTEM AT BLOCK OF FLATS IN URBAN CONTEXT___ Dimitris Raidis Architect Urban Planner / Marina Michailidou A.U.T.H. Architect, Engineer
 KARD Architects _all right reserved www.kardarchitects.com

