

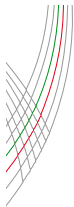


CENTROCOT
Innovation experience

Life M3P
Material Match Making Platform
for promoting the use of industrial waste
in local networks

LIFE15-ENV_IT_000697

January 2017

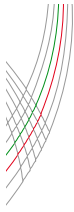


M3P Objectives



- The project aims to demonstrate the usefulness (benefit and added value) of an on-line platform at European level for the cataloguing, use and exploitation of industrial waste produced in a local area, in order to foster the overall efficiency of industrial processes through the increased use of waste within the area itself and less reliance on disposal





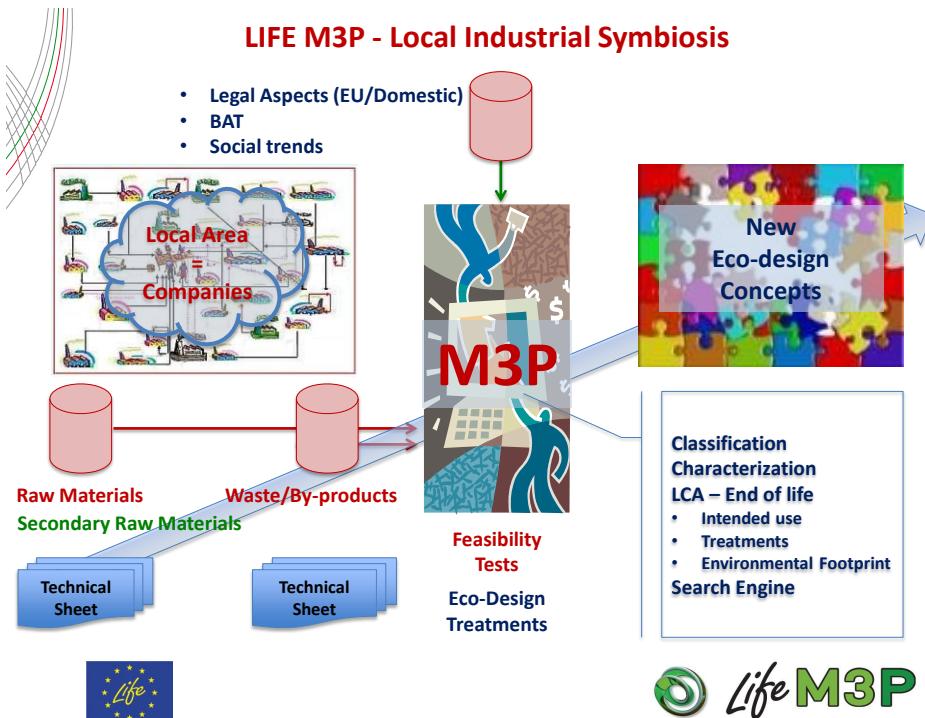
M3P Objectives_on-line platform



- The **on-line platform**, fully functional and based on a upgradeable **database of the industrial waste** of a local area, will allow to improve the environmental impact of the area, enhancing the use of material resources, notably:
 - sustaining the survey and the **cataloguing** of each industrial scrap or waste produced in the local area by the companies,
 - acting as “**material match making system**” to support experts and technicians of the companies to find a better use of materials inside the local area.



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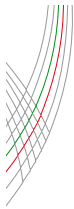
M3P Objectives_two ways



- Two kinds of ways will be followed:
 - developing and implementing pilot cases of industrial symbiosis, by means of the web-based material match making platform (M3P),
 - using creative techniques involving young designers and developing new eco-design concepts.
- Both these ways could lead to develop new business opportunities



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M3P Objectives Pilot cases



- **Pilot cases**, applied to some relevant waste, will demonstrate the feasibility of this approach:
 - addressing to the chemical, physical, and mechanical characterization of the chosen waste, as well as their remaining performance,
 - evaluating the environmental impact, through the use of eco-design techniques, such as Life Cycle Assessment (LCA) related to the remaining life cycle of the studied waste,
 - seeking for alternative and more profitable uses of waste materials.



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M3P Objectives

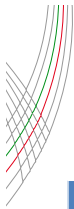
Development of creative concepts



- To develop different design concepts (based on the eco-design principles) of concrete potential applications based on selected categories of waste materials, making use of the specific, functional and aesthetic properties



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Partnership

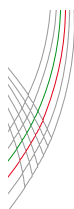


| Partner | Acronym | Country | Beneficiary |
|---|-----------|---------|--------------|
| Centro Tessile Cottoniero e Abbigliamento Spa | CENTROCOT | Italy | Coordinating |
| Confederacion Asturiana de la Construcción - ASPROCON | ASPROCON | Spain | Associated |
| Material Connexion Italia Srl | MCI | Italy | Associated |
| Waste Management of Western Macedonia S.A. (DIADYMA S.A.) | DIADYMA | Greece | Associated |
| Unione degli Industriali della Provincia di Varese | UNIVA | Italy | Associated |
| i-Cleantech Vlaanderen | i-CTV | Belgium | Associated |



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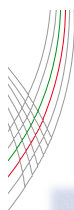




Actions & Timetable



| Action number | Action Name of the action | 2016 | | | | 2017 | | | | 2018 | | | | 2019 | | | | 2020 | | | | 2021 | | | | |
|--|--|------|----|-----|----|------|----|-----|----|------|----|-----|----|------|----|-----|----|------|----|-----|----|------|----|-----|----|---|
| | | I | II | III | IV | I | II | III | IV | I | II | III | IV | I | II | III | IV | I | II | III | IV | I | II | III | IV | |
| A. Preparatory actions (if needed) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A.1 | PRELIMINARY OVERVIEW OF PREVIOUS SIMILAR CASES AND SCENARIOS | | | | ■ | ■ | | | | | | | | | | | | | | | | | | | | |
| B. Implementation actions (obligatory) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B.1 | LOCAL NETWORK SURVEY AND MAP OF RESOURCES | | | | ■ | ■ | ■ | ■ | ■ | ■ | ■ | | | | | | | | | | | | | | | |
| B.2 | DEVELOPMENT OF AN ON-LINE MATERIAL MATCH MAKING PLATFORM | | | | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| B.3 | MATERIAL PILOT CASES | | | | | | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| B.4 | DEVELOPMENT OF CREATIVE CONCEPTS AND SOLUTIONS AND START-UPS | | | | | | | | | | | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | |
| C. Monitoring of the impact of the project actions (obligatory) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C.1 | PROJECT ENVIRONMENTAL IMPACT ASSESSMENT | | | | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| C.2 | PROJECT SOCIO-ECONOMIC ANALYSIS | | | | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| D. Public awareness and dissemination of results (obligatory) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| D.1 | DISSEMINATION OF RESULTS AND EXPLOITATION OF LOCAL NETWORKING APPROACH | | | | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| E. Project management (obligatory) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E.1 | PROJECT MANAGEMENT | | | | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| E.2 | MONITORING | | | | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| E.3 | NETWORKING WITH OTHER PROJECTS | | | | | | | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | |
| E.4 | AFTER-LIFE EXPLOITATION PLAN | | | | | | | | | | | | | | | | | | | | | | | | | |



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