Introductory slides
May 29th, 2023

in collaboration with:

[Logos and text]

microcredential learning in for lifelong engineering
MILLE Topics

- Sustainability
- Energy and Resources Management
- Circular Economy and circular society
- Life Cycle Assessment
- Eco-sustainable Design
- Critical Raw Materials
- Sustainable Mobility
- Digital Product Passport & blockchain technology

- Mechanical Engineering
- Civil Engineering & Architecture
- Materials Engineering
- Management Engineering
- Chemical Engineering
- Energy Engineering
- Information Engineering
4. LLL Modules: individuation of Topics

Meeting UNIPD – Fraunhofer (May 23rd, 2023)

Definition of Modules

**Basic Level Modules (BM)**
- BM1 – LCA
- BM2 – Eco-sustainable design
- BM3 – Critical Raw Materials

**Expert Level Modules (EM)**
- EM1 – LCA
- EM2 – Eco-sustainable Design
- EM3 – Critical Raw Materials
- EM4 – Digital Product Passport and Blockchain Technology

**Manager Level Modules (MM)**
- MM1 – LCA (in terms of Life Cycle Thinking)
- MM2 – Business models for Circular Economy