

FRED – Additive Manufacturing & Eco-Design



A consortium of 11 partners to demonstrate to SMEs that eco-design and additive manufacturing technologies are:

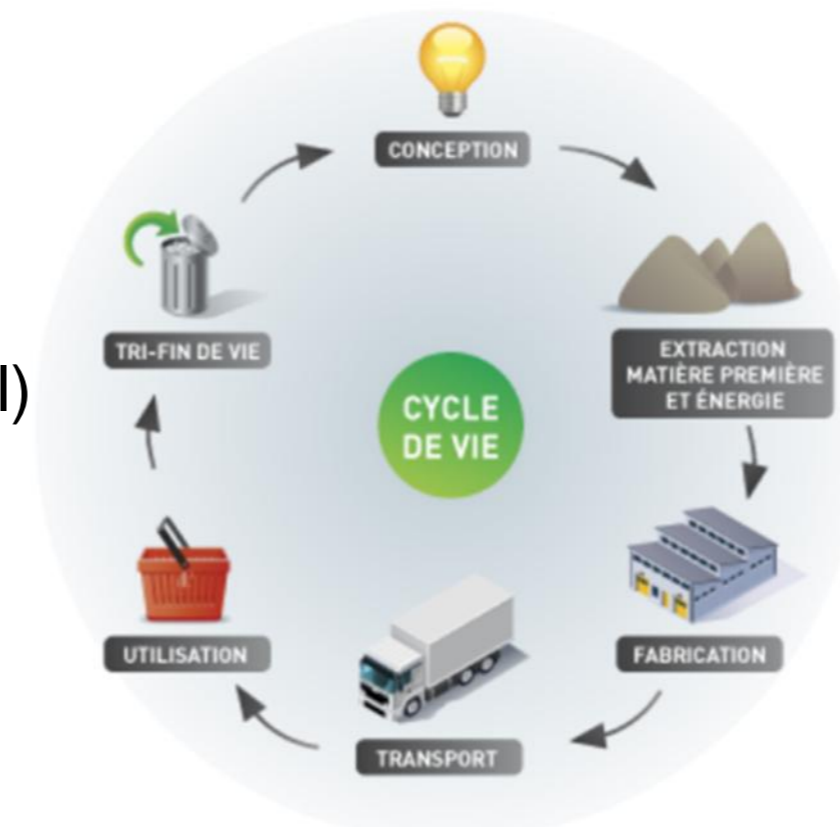
- ✓ new sources of development and **innovation**,
- ✓ mobilizing tools to address **environmental challenges**,
- ✓ opportunities to significantly **reduce production costs**, bringing a **competitive advantage** in marketing.

FRED's main objectives :

- ✓ develop university and continuing **training modules** on additive manufacturing and eco-design
- ✓ develop **new tools and methods** specifically adapted for SMEs in the mechanical industry
- ✓ **support** companies interested in the implantation of an eco-design approach

Future Developments and Research Partnerships :

- ✓ Continue raising awareness and supporting enterprises :
 - **enlarge** the eligible area (the whole Wallonia, Germany, ...)
 - applying the approach to **any type of business** (not only mechanical)
 - ...
- ✓ New thematic:
 - the micro-electricity
 - the production peaks smoothing
 - the energy's micro-storage
 - ...



Haute Ecole
Namur-Liège-Luxembourg
HENALLUX
Research Center FoRS
(BELGIUM – 6760 Virton)

Research areas :

Applied research in Energy, Robotics, Electromechanics, Automation, Life-Cycle Assessment, Integrated manufacturing, IT, ...

Existing partnerships :

Enterprises, Universities, R&D centers, Business Interfaces...

6 long term projects since 2012

10 short term projects planned for 2015



Contact Details

Lecointre Julien
Département Ingénieur Industriel
+32 63 58 89 40

julien.lecointre@henallux.be

www.fors-ing-henallux.be