

Opportunità dall'Europa e prospettive future per la Simbiosi Industriale

Daniela Sani

Energy and Environment Area

Bologna, 7 Marzo 2014

Agenda

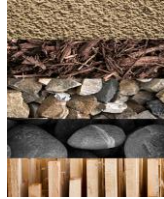
- Simbiosi industriale vs Bio-Based e Raw Materials
- Contesto regionale, nazionale, europeo
- Opportunità e prospettive future (2014-2020)
- Riferimenti

Simbiosi Industriale

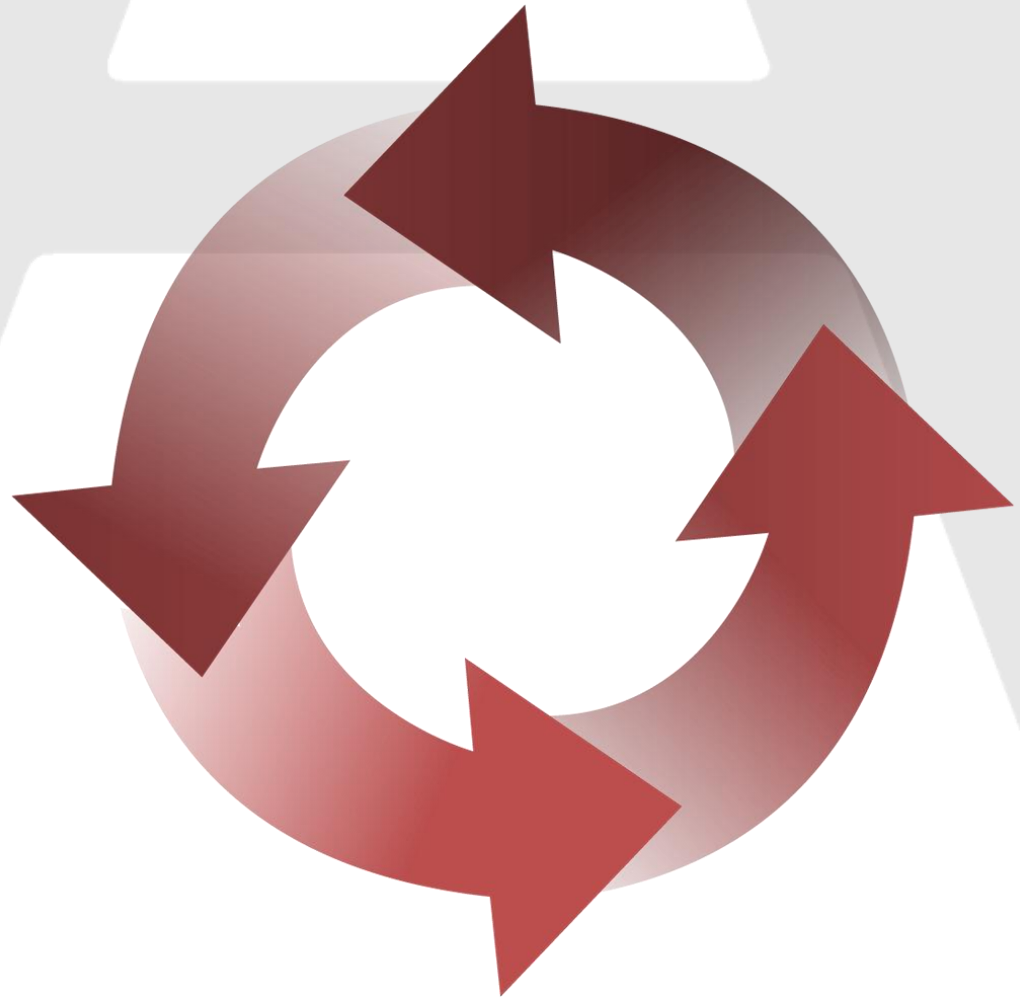
Bio-Based



**Raw
Materials**



**Industrial
Symbiosys**

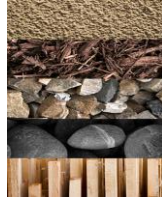


Simbiosi Industriale

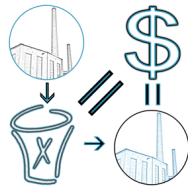
Bio-Based



Raw Materials



Industrial Symbiosys



Smart Specialisation Strategy (S3)

- sistema Agroindustriale

Cluster tecnologico nazionale chimica verde (SPRING)

HORIZON2020

- Societal challenges (Food Security, Sustainable Agriculture and Forestry, Marine, Maritime and Inland Water Research and the Bioeconomy)
- LEIT, MNP+B (Leadership in Enabling and Industrial Technologies, nanotecnologie, materia avanzati, biotecnologie, fabbricazione e trasformazione avanzate)
- Public Private Partnership – Bio-based Industries (BBI) e BBI Consortium (BIC)

Climate-KIC

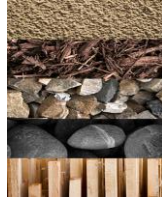
- Bio-economy challenge platform  Regione Emilia-Romagna

Simbiosi Industriale

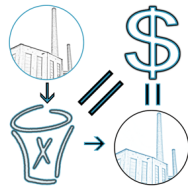
Bio-Based



Raw Materials



Industrial Symbiosys



Smart Specialisation Strategy (S3)

- sistema Edilizia e Costruzioni, sistema Meccatronica e Motoristica

Alliance for Materials Italia

HORIZON2020

- Societal Challenges (Climate Action, Environment, Resource Efficiency and Raw Materials)

European Innovation Partnership (EIP) Raw Materials

- Second raw materials and recycling
- Progetti bandiera e impianti dimostartori
- KIC raw materials

Simbiosi Industriale

Bio-Based

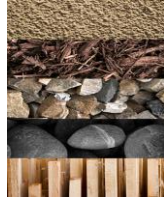


Smart Specialisation Strategy (S3)

- Sostenibilità

**Piattaforma di simbiosi industriale,
ENEA**

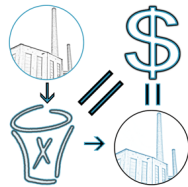
Raw Materials



HORIZON2020

- Societal challenges (Climate Action, Environment, Resource Efficiency and Raw Materials)

Industrial Symbiosys



Climate-KIC

- Industrial Symbiosis challenge platform

**European Industrial Symbiosis
Association (EUR-ISA)**

Riferimenti

- http://fesr.regione.emilia-romagna.it/news-archivio/por-per-fare/ioPartecipo_S3
- <http://www.chimicaverde.eu/il-cluster/>
- <http://ec.europa.eu/programmes/horizon2020/en/find-your-area>
- <http://www.climate-kic.org/themes/>
- <http://biconsortium.eu/>
- http://www.apre.it/media/95448/a4mit_brochure.pdf
- http://ec.europa.eu/enterprise/policies/raw-materials/index_en.htm
- <http://www.eur-isa.org/>

Thank you!

Daniela Sani
Energy Environment Area

daniela.sani@aster.it