G7 Environment

Universities for Sustainable Development

Higher Education and Research institutions in collaborations and networks for Sustainable Development

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G7 2017
ITALIA

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MINISTERO DELL'AMBIENTE
E DELLA TUTELA DEL TERRITORIO E DEL MARE

Higher Education institutions contributions to Sustainable Development : a networked approach

➢Identifying problems and proposing solutions ➔ Research

- o Technologies
- o Business Models
- o Consumer/User behavior. Data analytics
- o measuring impact

➢ Preparing future and current players ➔ Teaching, including lifelong education

➢ Raising awareness and contributing to policy making ➔ Communication in the broader sense

➢ Implementing solutions ➔ partnering with other stakeholders

➔ **In most if not all, cases, collaborations and networks are key factors for success**

2 dimensions for collaborations and networks

➢ Vertical Collaboration : Within the Higher Education and Research community

➢ Horizontal Collaboration : With the other stakeholders

Collaborative actions within the Higher Education and Research Community

➢ Reference Sustainability Dashboard for Schools and Universities (« Référentiel DD &RS »)

➢ CRS et SD Label (« Label RS DD »)

➢ CSR and SD Competencies Guide (Guide compétences DD et RSE)

➢ Sustainability Literacy Test (SULITEST)

➢ Principles for responsible Management Education (PRME)

➢ Globally Responsible Leadership Initiative (GRLI)

➢ …..

→ **Too many frameworks? Consistency? Efficiency?**

Collaborations with Businesses (1/2)

Businesses are (a large?) part of the problem. They are also (a large) part of the solution

→Higher education and research institutions should work closely with companies

• **Chair Recyclage Eco-Emballages from EMLyon Business School and École Centrale Lyon** . http://www.em-lyon.com/minisitefr/Ecoemballages

• **Chair « Business as unusual » at Kedge Business School ,**with large groups questioning circular economy on the company strategy and consumer behaviour aspects.

https://kedge.edu/faculte-recherche/recherche/chaires-de-recherche/business-as-unusual

→**To expand the model and the partnerships beyond borders? Financial, legal and fiscal framework?**

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Collaborations with businesses (2/2) : Innovation, Entrepreneurship and Circular Economy

Entrepreneurship Curriculum at Telecom Ecole de Management supported by the on campus incubator **IMT starter**

- o   Innovation and creativity week (1st year Master) → focus green topics

- o   Entrepreneurship challenge (2nd year Master)

- o   Specialization in Entrepreneurship (3rd year Master)

- o   Innovation Game on social and environmental challenges facing the local stakeholders

A success story :

- o   Created by 2 students following the Entrepreneurship Challenge

- o   Incubated in the Campus Incubator

- o   Now European leader on the Smartphone buyback, refurbishment and resale market

A (national) global network : le Comité 21

- Aimed at implementing SD in all kind of organizations
- 3 main programs
  - Corporate Social Responsibility,
  - Agenda 21 for territories
  - Education to sustainable development
- Deliverables
  - Research and prospective studies
  - Support/services to members
  - To contribution to public debate
- 500+ members in 4 major groups
  - Businesses
  - higher education and research
  - local governments
  - NGOs and associations

→ **Toward s a Comité 21 at the G7 level?**