Sustainable Development in Food Industries
Programme (detailed list of courses/activities)

2 Course units:
- S9-FPMI - Food processing and managerial innovation
- S9-ISDFP – Intrapreneurship and sustainable development in food industries

1. S9-FPMI - Food processing and managerial innovation – 15 ECTS
   1.1. Courses / conferences / guided classes
       . Lean management in manufacturing
       . Food value chain : case of cereals industry
       . Life experience in “Fruit business” supply chain
       . Management and industrial strategies
       . Production and manufacturing management
       . Occupational health
       . Stock management
       . Food quality systems
       . Management of investment
       . Problem solving
       . Regulation
       . Computing tools and techniques : use in production management

   1.2. Project work / activities (group projects)
       . Study tour: an approach to various businesses/ value chains (in Italy...)
       . Company and factory visits (in France)
       . Practice : develop small scale production line (in pilot plant) to understand multidisciplinary issues
       . Projects groups with on the basis of actual demand from an external stakeholder (company): over the entire semester

   1.3. Project work (individual)
       . Book study on related theme : to be analyses and presented
2. **S9-ISDFP – Intrapreneurship and sustainable development in food industries – 15 ECTS**

2.1. **Courses / conferences/ guided classes**
   - Sustainable flow management: through Lactalis example
   - Packaging challenges and opportunities for sustainability
   - Controlling and financial management (link with sustainability)
   - Assessing business profiles
   - Sustainable development: management tools
   - Sustainable development at Refresco (beverages manufacturing operation)
   - Waste management
   - Innovation management (incl. eco-conception)
   - Product opportunities from sugars and proteins
   - Purchasing and sourcing to be sustainable
   - Energy use and ISO 50001 requirements
   - Environmental pillar of sustainability
   - Social pillar of sustainability

2.2. **Project work / activities (group projects)**
   - Entrepreneurship (developing and practising)
   - Negotiation meeting
   - Company and factory visits (in France)