

BIOCIRCE: THE FIRST EUROPEAN MASTER IN BIOECONOMY IN THE CIRCULAR ECONOMY

This MS degree program provides skills and expertise necessary to deal with the full range of issues in this complex field. The program includes four compulsory modules (5 Credits each) given by the four participating Universities (modules cover relevant scientific topics as well as economic and legal issues) and a 6-months stage in one company or institution.



BIOCIRCE received, on February the 12th, at the Italian Parliament, from the President of the Italian Republic, the *Italiadecide* (Italy decides) prize for teaching innovation.

NAPOLI FEDERICO II MODULE

Training objectives: aim of the module is to provide updates regarding advanced technologies for the industrial applications of enzymes and microbial cells as "cell factories". Activities will be focused on the concept of Biorafineries integrated with the territory. The module also deals with the identification and analysis of the opportunities available for a new venture, focusing on the research for entrepreneurial initiatives (academic and not) aimed at commercializing research outcomes. Aim of the course is to equip learners with the theoretical and practical tools for the recognition and structuring of innovative business ideas.

BIOECONOMY IN THE CAMPANIA REGION

Sala del Consiglio, Dipartimento di Biologia, Via Cinthia, 4 Napoli - Monday 10/2/2020

- 09.00** Welcome in Naples and introduction to the Naples Module.
Arturo De Vivo, Rettore dell'Università di Napoli Federico II
Marco D'Ischia, Presidente della Scuola Politecnica e delle Scienze di Base dell'Università Federico II di Napoli
Vito Grassi, Presidente Unione Industriali Napoli
Matteo Lorito, Direttore del Dipartimento di Agraria, dell'Università di Napoli Federico II
Giovanni Sannia, Presidente del Master BIOCIRCE
- 9.50** **Valeria Fascione**, Assessore internazionalizzazione, Start up - Innovazione, Regione Campania
 Politiche e strategie regionali in materia di bioeconomia
- 10.20** **Martino Di Serio**, Università di Napoli Federico II, Presidente della Divisione di Chimica Industriale della Società Chimica Italiana.
- 10.40** **Beatrice Cobucci Ponzano**, CNR.
 IBISBA: A new Research Infrastructure in Industrial Biotechnology
- 11.00** **Coffe break**
- 11.30** **Mario Bonaccorso**, Assobiotec, Cluster Spring.
 A New Industrial Renaissance for Italy: the circular Bioeconomy from North to South
- 12.30** **Lucia Gardossi**, Unitrieste, Cluster Spring.
 The Italian Bioeconomy Strategy. Role of cluster SPRING

13:30 Lunch and speakers' corner

BIORAFINERIES AND ENERGY PRODUCTION

- 14.30** **Marco Moracci**, Università di Napoli Federico II
 Carbohydrate active enzymes in biorefineries
- 15.30** **Piero Salatino**, Università di Napoli Federico II
 Biofeedstocks from biomasses for the production of chemicals and energy
- 16.30** **Antonio Marzocchella**, Università di Napoli Federico II
 Energy (bio)vectors from waste streams: is it a sustainable strategy?