

# Sustainability Week “ReSTART”

3-4 & 7-8 SEPTEMBER 2026

## 3-4 September 2026 | Fundraising & Networking Session

Session organized by the Department of Agricultural Sciences of University of Naples Federico II – Department of Excellence 2023-27 – as part of Synergy Days Italia, with the aim of fostering new synergies, collaborations, and development opportunities  
Registration is available online at [www.synergysdaysitalia.it](http://www.synergysdaysitalia.it)



**Complesso Mascabruno - Galoppatoio Reale**

**DIPARTIMENTO DI AGRARIA**

Piazza Carlo di Borbone  
Portici



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**08:15–09:30** | SYNERGY DAYS ITALIA Check-in and Institutional Welcome**10:15-10:45** | **Session Pitch I – EVJA****Davide Parisi**, CEO & Co-Founder EVJA, "EVJA AIP: AI-Powered Agronomic Intelligence for Sustainable Agriculture"**16:30-18:00** | **Synergy Workshop - Parallel Thematic Sessions**  
**Sustainability Week "ReSTART"– Workshop&Roundtable****16:30-17:00** | **Workshop "Horizon Europe Opportunities for Sustainability in the Agri-Food Sector"****Moderator:** Paola Adamo, Maria La Sala**Speakers:****Danilo Porro**, National Representative in the Horizon Europe Cluster 6 Programme Committee, University of Milano-Bicocca, Italy**Serena Borgna**, Coordinator of the Cluster 6 Thematic Team and ERC Contact Point, APRE – Horizon Europe Italy National Contact Point**17:00 - 18:00** | **Roundtable "Scaling Excellence: Research, Education and Innovation for Sustainable Agri-Food Systems"****Speakers:****Henry van Burgsteden**, Senior Innovation Officer, Office of Innovation, Food and Agriculture Organization of the United Nations (FAO) – From Pilots to Scale. Digital Agriculture and AI Innovation for Agrifood Systems Transformation**Maria Carmela Annosi**, Wageningen University & Research (The Netherlands) – STRADA Lead – "The CASCADE Methodology: A Multi-layered, Actor-centred Coordination Methodology for Enabling Collective Action in Complex Multi-actor Systems"**Mariantonella Palermo**, Researcher & Project Manager, Tecnoalimenti SCpA - "VISS" Project**Samuel Nazzareno Monaco**, Communication & Institutional Affairs Manager, AFIL – Intelligent Factory Association - Lombardy Region-Strategic Community "Secure and Sustainable Food Manufacturing"**18:00** | **Closing Session & Networking Cocktail****Friday, 4 September 2026****08:15–09:00** | SYNERGY DAYS ITALIA Check in and Welcome**09:00 - 12:30**  
**Sustainability Week "ReSTART" - Lab Visit -****09:00-12:30** | Guided Visit to the New Facilities and Laboratories of the Department of Excellence in Agricultural Sciences 2023-2027 at the University of Naples FedericoII and of AgriTech – National Research Centre Foundation for Agricultural Technologies

**7-8 SETTEMBRE 2026**

## **TEACHING INNOVATION SESSION**

*Sessione organizzata dal Dipartimento di Agraria dell'Università degli Studi di Napoli Federico II – Dipartimento di Eccellenza 2023–2027, dedicata alla promozione delle buone pratiche per la progettazione di eccellenza, alla valorizzazione della ricerca e della didattica innovativa e alla presentazione delle opportunità formative e di ricerca offerte a studenti italiani e internazionali*



**REGISTER NOW**



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7 SETTEMBRE

SETTIMANA DELLA SOSTENIBILITÀ

**ReSTART**

Teaching Innovation Session

SESSIONE MATTUTINA

### 09:00-09:30 Saluti istituzionali

Saluti del Direttore del Dipartimento di Eccellenza di Agraria 2023-2027  
**Prof. Danilo Ercolini**

### 09:30-12:00 Tavola rotonda "A taste of success: ERC & FIS@FI"

Come preparare una proposta di successo  
Modera: **Dott.ssa Maria La Sala**

### 09:30-10:30 -Testimonianze di ERC grant holder

Intervengono:

- **Prof. Antonio Abate** - Dipartimento di Ingegneria Chimica, dei Materiali e della Produzione Industriale (DiCMAP). PI "FREENERGY" (ERC-2019-STG)  
"FREENERGY" (ERC-2021-POC)  
"PEROSHAD" (ERC-2024-POC)

- **Prof. Alfonso De Simone** - Dipartimento di Farmacia (DiF). PI "BioDisOrder" (ERC-2018-CoG)

- **Prof. Donato Giovannelli** - Dipartimento di Biologia (DiB). PI "CoEvolve" (ERC-2020-STG)  
"AQUA" (ERC-2025-CoG)

### 10:30-11:00 Coffee Break

*Sala Monumentini*

### 11:00-12:20 - Testimonianze di FIS grant holder

Intervengono:

- **Prof. Antonio Abate** - DiCMAP. PI "SOLAR-PRO" (FIS 3 AdV)

- **Prof. Francesca De Filippis** - Dipartimento di Agraria (DiA). PI "DOGMA" (FIS2 CoG)

- **Prof. Alfonso De Simone** - DiF. PI "ProBits" (FIS3 AdG)

- **Dott. Valerio Cirillo** - DiA. PI "ASAP" (FIS3 StG)

### 12:20-12:30 Dibattito

### 12:30-13:15 Attività svolte nell'ambito del Progetto "ReSTART 2023-2027"

Modera:

**Prof.ssa Paola Adamo**

Intervengono:

- **Prof. Paolo Dessì**  
*Produzione biologica di acido esanoico e bioplastiche da siero di latte*

- **Prof. Marco Gebiola**  
**Carlo Le Boffe, Jean Pierre Apuzzo e Gianluca Melone**  
*Potenzialità del frass della mosca soldato nera per la difesa sostenibile di fitofagi chiave del pomodoro*

- **Dott.ssa Nicoletta Antonella Miele**  
*Tecnologie alimentari per la sostenibilità: sviluppo di ingredienti e materiali bio-based*

### 13:15-14:00 Light Lunch

*Sala Monumentini*

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I SESSIONE POMERIDIANA

**14:00 - 15:00 Student Case Studies**  
**Master's Degree Programme in "Sustainable Food Systems"**

Modera:

**Prof. Riccardo Aversano**

Intervengono:

- **Erminia Sbarra and Marzio D'Ambra**

*Upcycling tuna bone waste to combat child malnutrition: a circular bioeconomy framework in Manta, Ecuador*

Case study @BOLTON FOOD

- **Michele La Corte and Marco Pesola**

*A scalable circular valorisation framework for coffee-producing regions*

Case study @CAFFÈ BORBONE

- **Paolo Maria and James Gagalís Messmore**

*Tomato production in a changing climate: evaluating supply chain stability for the Kraft-Heinz company*

Case study @KRAFT HEINZ

- **Judith Chileshe and Maral Talati**

*Regenerative agriculture as a lever for sustainable food systems: challenges and opportunities*

Case study @NESTLÉ.

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II SESSIONE POMERIDIANA

**15:00-16:30 - "PhD Project work" pills**  
**Moderano: Proff. Amalia Barone e Albino Maggio**

**15:00-15:40 - Doctoral Programme  
in Food Science XXXVIII Ciclo**

- **Dott.ssa Raffaella Ofano**  
*From Soil to Tomato: Geochemical Fingerprinting for the Authentication of Geographical Origin*
- **Dott.ssa Silvia Sapio**  
*Economic and behavioural experiments to foster healthy and sustainable food choices*
- **Dott. Mohammed Salman**  
*The role of LuxR/LuxI-Quorum Sensing based System in *P. gessardii* in the Regulation of Proteolytic Activity: Insights into QS Inhibition as a Strategy for Control of Spoilage Activity*
- **Dott.ssa Maria Pane**  
*Innovative Biotechnological Strategies Integrating Sustainability and Nutritional Quality Enhancement in Tomato*

**15:40-16:20 - Doctoral Programme  
Sustainable Agricultural and Forestry  
Systems and Food Security -  
XXXVIII Ciclo**

- **Dott. Giandomenico Amoroso**  
*Advancements in fertilizer and biostimulant formulations from waste for enhanced soil ecosystem functionality*
- **Dott.ssa Giuseppina Magaraci**  
*Harnessing beneficial microbes and biological carriers for the development of innovative bioformulations: ecological and functional evaluation for soil and plant health*
- **Dott. Rosario Rummo**  
*Urban plant ecology and biodiversity: multiple approaches to investigate role, functional traits, responses and conservation of plants in cities*
- **Dott. Vincenzo Cono**  
*Understanding microbial-plant-pathogen interactions in tomato through high-throughput plant phenomics*

**16:20-16:30 Dibattito**

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MATTINA

## Orienta PROF - AGRI ReSTART: "L'eccellenza riparte dall'eccellenza"

**09:00-09:30 Registrazione & Welcome coffee**

*Sala Monumentini*

**09:30-09:45 Saluti istituzionali**

Saluti del Direttore del Dipartimento di Eccellenza di Agraria 2023-2027

**Prof. Danilo Ercolini**

**09:45-11:00 "Pillole di eccellenza" al Dipartimento di Agraria**

**Intervengono:**

• **Dott. Antonio Pannico**

*L'agricoltura che non ti aspetti: dai campi intelligenti alle basi lunari"*

• **Prof.ssa Paola Piombino**

*Il settore vitivinicolo: una scelta promettente"*

• **Dott.ssa Silvia Tagliamonte**

*"Diete sostenibili per il benessere globale: la transizione proteica Mediterranea e il ruolo dei legumi"*

**DIBATTITO "Esplorazione dei percorsi di studio e degli orizzonti professionali di competenza del settore agro-alimentare"**

Moderata:

**Prof.ssa Veronica De Micco**

**11:00-11:45 AGRICOLTURA 4.0**  
Il telerilevamento per la gestione sostenibile delle colture

Presentazione del drone e delle tecnologie per il monitoraggio delle colture (*Area Esedra*)

**Prof.ssa Elena Cervelli**

**Dott. Oscar Rosario Belfiore**

**Dott. Mariano Crimaldi (Area Esedra)**

**11:45-13:30 Visite alle nuove infrastrutture e ai nuovi laboratori**

Dipartimento di Eccellenza di Agraria 2023 - 2027 dell'Università degli Studi di Napoli Federico II

**13:30-14:30 "FOREST DIGITAL - TWIN" & Networking Lunch**

Presentazione della Tecnologia realizzata dal Laboratorio di Ecologia e Pianificazione Forestale nell'ambito del progetto Horizon Europe "DigiMedFor" (*Sala Bianca*)

**Dott. Luigi Saulino**

**Dott. Angelo Rita**

**Proff. Francesco Giannino e Antonio Saracino**

# MAP

## New Infrastructures



### 1. "INVISIBLE" MICROSCOPY CENTRE

The "INVISIBLE" Microscopy Centre integrates electron, fluorescence, and X-ray microscopy techniques to transform complex samples into data, knowledge, and innovation.

### 2. VERTICAL FARMING

The NEXUS facility represents a meeting point where biology (plant cultivation), engineering (robotics), and soilless cultivation systems (hydroponics and aeroponics) converge.

### 3. ECOTRON-MICROCOSM PLATFORM

Composed by controlled experimental systems that reproduce portions of ecosystems under realistic conditions and study interactions between organisms and abiotic factors.

### 4. CLIMATE CHAMBERS

Infrastructure consisting of 8 walk-in climate chambers for studying plant growth and adaptation under different environmental scenarios.

### 5. LAM - MULTI-ELEMENT ANALYSIS LABORATORY

Advanced laboratory dedicated to multielement and isotopic analyses, as well as the speciation of potentially toxic elements in environmental and food matrices.

### 6. EXPERIMENTAL GREENHOUSES

A complex of 6 greenhouses covering a total area of 1,530 m<sup>2</sup>, equipped with fertigation, climate control, and cooling systems. The TECNA greenhouse integrates an advanced mobile digital phenotyping platform based on 3D scanning and non-invasive multispectral plant imaging.

### 7. HIGH-PERFORMANCE COMPUTING CENTRE

The GERMINA Center hosts a high-performance computing infrastructure designed to manage large volumes of data and support advanced analyses.