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.synergydaysitalia.it

Agri ReSTART

Complesso Mascabruno - Galoppatoio Reale
DIPARTIMENTO DI AGRARIA
Piazza Carlo di Borbone
Portici

Dipartimento di Agraria
Dipartimento di eccellenza
2023 - 2027

agritech

SUSTAINABILITY WEEK

ReSTART Fundraising and Networking Session

Thursday, 3 September 2026

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 ITALY 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

Agri BeSTART

Sala Cinese
DIPARTIMENTO DI AGRARIA
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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@FII"

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 (DiCMAPI). PI "FREENERGY" (ERC-2019-STG) "FREENERGY" (ERC-2021-POC) "PEROSHADE" (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** - DiCMAPI. 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

7 SETTEMBRE

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ReSTART Teaching Innovation Session

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

- **Paolo Maria and James Gagalis Messmore**

Tomato production in a changing climate: evaluating supply chain stability for the Kraft-Heinz company
Case study @KRAFT HEINZ

- **Michele La Corte and Marco Pesola**

A scalable circular valorisation framework for coffee-producing regions
Case study @CAFFÈ BORBONE

- **Judith Chileshe and Maral Talati**

Regenerative agriculture as a lever for sustainable food systems: challenges and opportunities
Case study @NESTLÉ.

7 SETTEMBRE

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ReSTART Teaching Innovation Session

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 Raffaela 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

8 SETTEMBRE

SETTIMANA DELLA SOSTENIBILITÀ

ReSTART Teaching Innovation Session

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"

Modera:
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

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^2, 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.