

DAY 3

CLUSTER B

WEDNESDAY 21 OCTOBER

NAPOLI

Digital Innovation
& Agritech



Why **Napoli?**

Climate solutions are strongest when they respond to the realities of the places and communities they are designed for. Naples offers a particularly interesting setting to explore that relationship.

Located on the Mediterranean and at the heart of Campania, the city is surrounded by a region with deep agricultural traditions, a strong agri-food economy and a growing research and innovation ecosystem. At the same time, southern Italy is experiencing many of the pressures that climate change is intensifying across the Mediterranean, including extreme heat, water stress and changing conditions for food production.

The Naples programme will explore how digital tools, research and entrepreneurship can help respond to these challenges, with a particular focus on technology, agriculture and food systems. Participants will have the chance to see how new technologies can be developed around real needs, and to think about how innovation can remain useful and accessible to the people it is ultimately meant to serve.

DID YOU KNOW?

A city between **a volcano and the sea.**

Naples sits between the Mediterranean Sea and Mount Vesuvius, creating a landscape that has shaped the area's agriculture, food culture and settlement for centuries.

Volcanic soils around Vesuvius are particularly fertile and support the cultivation of crops closely associated with the region.



Practical **Information**

- **Getting around:** Naples has metro, bus and funicular networks, while much of the historic centre is best explored on foot. Be prepared for hills, stairs and uneven streets. Comfortable shoes are recommended.
- **Weather:** October is generally mild, although rain is possible. A light jacket and umbrella are useful, particularly in the morning and evening.
- **Try while you're here:** Pizza Napoletana - Naples is the birthplace of one of Italy's most famous foods.
- **Don't miss:** Spaccanapoli, Piazza del Plebiscito, Via Toledo, Quartieri Spagnoli, Lungomare, Santa Chiara.

Institutions and organisations to **discover.**



UNIVERSITÀ DEGLI STUDI DI NAPOLI
FEDERICO II

The University of Napoli Federico II is the oldest state university in the world. With 75.000 students, 3000 professors and thousands of PhD students and researchers is one of the largest academic institutions in Europe and among the top ranked for research and education. With 26 departments organized in 4 schools the University of Napoli Federico II covers hundreds of scientific disciplines from Life Sciences to Humanities, Sciences and Engineering



Why we are part of Youth4Climate: Connecting Solutions

The University of Naples Federico II is participating in Youth4Climate: Connecting Solutions to support UNDP's work on climate action and connect young innovators with its research and innovation ecosystem. Home to the Apple Developer Academy and the National Research Centre on Agricultural Technologies (Agritech), the University brings together expertise in digital technologies, entrepreneurship, artificial intelligence and sustainable agriculture.

We hope participants will gain new perspectives on how digital technologies, artificial intelligence and agricultural research can contribute to more resilient food systems and stronger climate solutions.

Your Naples Challenge

- ☐ Choose one ingredient you encounter in Naples and think backwards: Where was it grown? What does it depend on: water, soil, energy, transport, labour? What could climate change disrupt along that chain?
- ☐ Choose one climate challenge and imagine the person most affected by it. If you had to build a simple app for them, what would it actually need to do? What feature would you include or leave out?
- ☐ If you could add just one digital feature to your own project tomorrow, what would make the biggest difference: better data, easier access, stronger communication, monitoring, payments, mapping, or something else? Compare your answer with another awardee.
- ☐ Think of one agritech innovation you encounter today. What would have to be true for a small farmer to actually adopt it (cost, maintenance, training, connectivity, trust)?

Some of the best insights come from taking a moment to reflect. Use this space to record your thoughts, new connections and key takeaways as you travel through Italy's climate innovation ecosystem.