



**SERN**

# **General Assembly**

**2023**

**11-12 MAY 2023**

**Cervia**



COMUNE  
DI CERVIA

# **FOOD FARM 4.0**

## **SCHOOL AND BUSINESS TEAM UP: AN EXAMPLE THROUGHOUT ITALY**

**Prof.ssa Anna Rita Sicuri**  
**Headmaster**  
**I.S.I.S.S. GALILEI BOCCHIALINI**  
**PARMA**



**FOOD  
FARM 4.0**

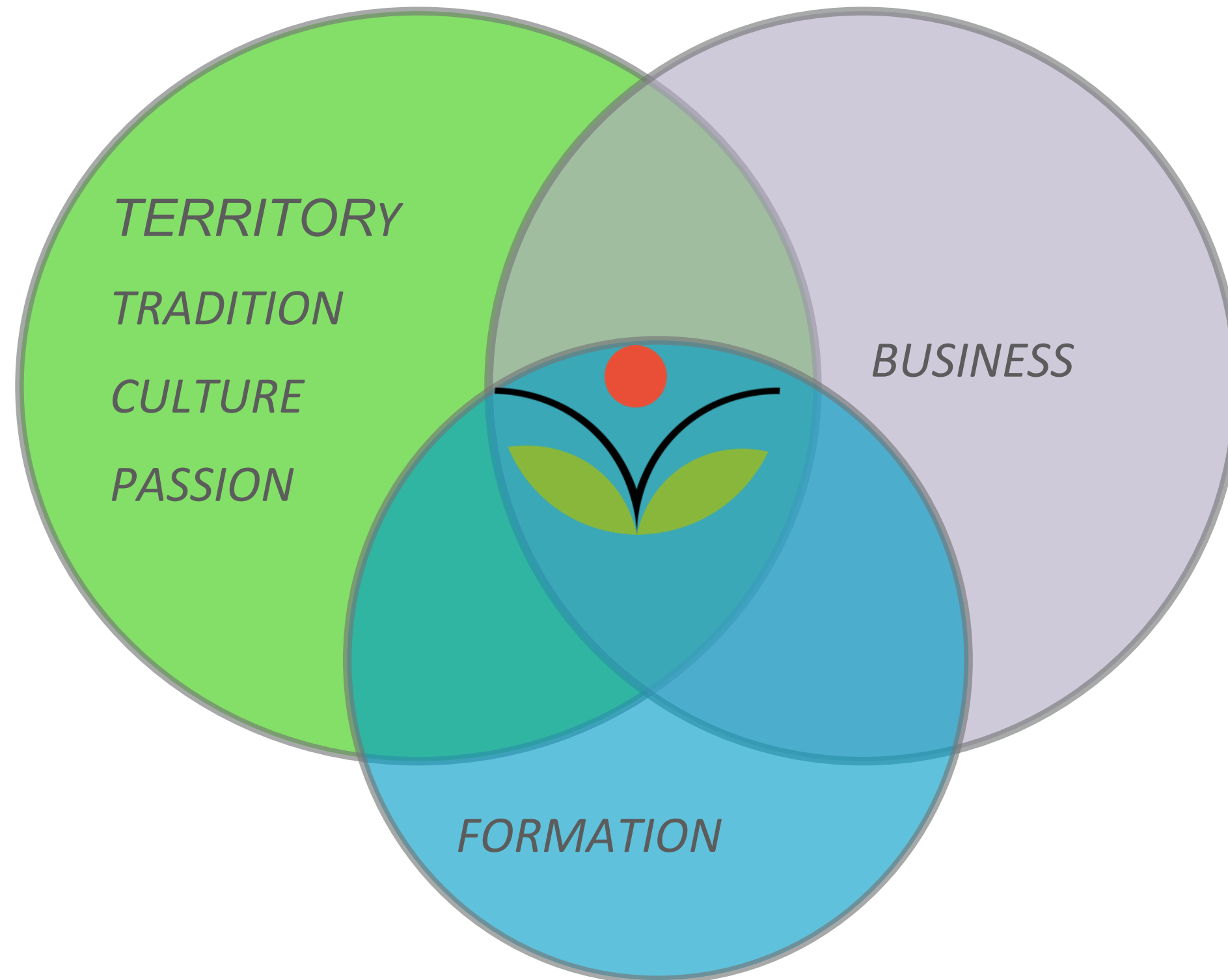






## HOW WAS THE FOOD FARM 0.4 BORN

### TERRITORIAL ALLIANCE



**FOOD  
FARM 4.0**



# PARTECIPANTS TO THE PROJECT

Structural part



FINANCERS

*Progetto realizzato con il prezioso contributo di:*



**Barilla**  
The Italian Food Company. Since 1877.

*Parma, io ci sto!*



ISTITUTO  
SUPERIORE  
"GALILEI-BOCCHIALINI"



FOOD FARM 4.0



ISTITUTO  
SUPERIORE  
"GALILEI-BOCCHIALINI"



SCHOOLS  
NETWORK

# SCHOOLS NETWORK

1. ISTITUTO STATALE DI ISTRUZIONE SUPERIORE  
“GALILEI-BOCCHIALINI”
2. ISTITUTO SUPERIORE “G. MAGNAGHI- SOLARI”
3. ISTITUTO ISTRUZIONE SECONDARIA SUPERIORE “A. BERENINI”
4. LICEO ARTISTICO “PAOLO TOSCHI”
5. ISTITUTO COMPRENSIVO DI SISSA E TRECASALI
6. ISTITUTO COMPRENSIVO DI SAN SECONDO PARMENSE



FOOD FARM 4.0







**THE AGENCY 4.0  
ENTERS IN THE SCHOOL**





FOOD  
FARM 4.0





Fruit and tomato processing laboratory







STUDENTS CAN EXPERIMENT WITH A WIDE RANGE OF ACTIVITIES: FROM AGRICULTURAL PRODUCTION TO PROCESSING LINES



## Bakery line laboratory







- BAKERY PRODUCTS



## Quality Control Laboratory







QUALITY CONTROL LABORATORY: SAMPLE, ANALYSIS, PROCESS MONITORING AND DATA INTERPRETATION FOR MARKETING OF FOOD PRODUCTS





SOFTWARE OF MANAGEMENT AND FOOD CHAIN



# STUDENTS TRAINING



- 500 students a year from network schools, ITS, universities and training institutions work on the production lines
- are active: PCTO courses, company internships for ITS students, internship courses for degrees related to the agri-food sector, apprenticeship contracts for children certified in accordance with 104
- the internship has a minimum duration of about three weeks within the laboratory up to 6 months.
- 1000 students a year will in any case come into contact with the structure for visits, orientation activities, training courses.







WAREHOUSE FOR FINISHED PRODUCTS READY FOR SHIPMENT AND DISTRIBUTION





FINANCE AND MARKETING



# FOOD FARM 4.0

- MES AND INDUSTRY 4.0 (BLOCKCHAIN);
- PACKAGING (SUSTAINABILITY);
- DIGITIZATION AND MANAGEMENT SOFTWARE





# CONSORTIUM COMPANY

*“Food Farm s.c.p.a.”*

Gestito in collaborazione con:



**COLDIRETTI**





# FOOD FARM SCPA PARTNERS



## COMPANIES, ASSOCIATIONS AND CONSORTIUMS





# NEW MEMBERSHIPS

LET'S WELCOME...



**PARMACOTTO®**

 **randstad**

 **Group**  
YOUR JOB, OUR WORK

  
**parmalat®**

SVILUPPO RISORSE PER L'AZIENDA  
**CISITA**  
P A R M A

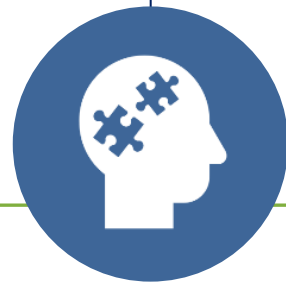
**U MANA®**

**abax**  **food safety**



# UNIQUE PROJECT IN ITALY

Paradigm shift



1

DEVELOP  
TECHINAL  
COMPETENCES



2

NEW CO-OPERATION  
METHOD BETWEEN  
SCHOOLS AND ENTERPRISES



*Bontà di Parma*

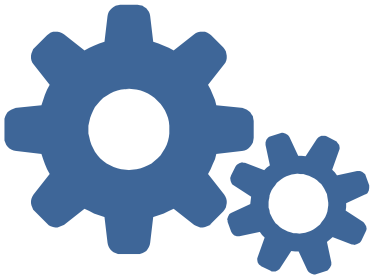
3

A PROJECT SELF FINANCED  
THROUGH "WORK"



# CENTERED TRAINING

Conventions: operational method



## FOOD FARM

*Gestito in collaborazione con:*







FOOD  
FARM 4.0

*LET'S BUILD THE FUTURE*