

Innovative partnership between Reggio Emilia and Weinan

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FONDAZIONE



PER LA PROGETTAZIONE INTERNAZIONALE

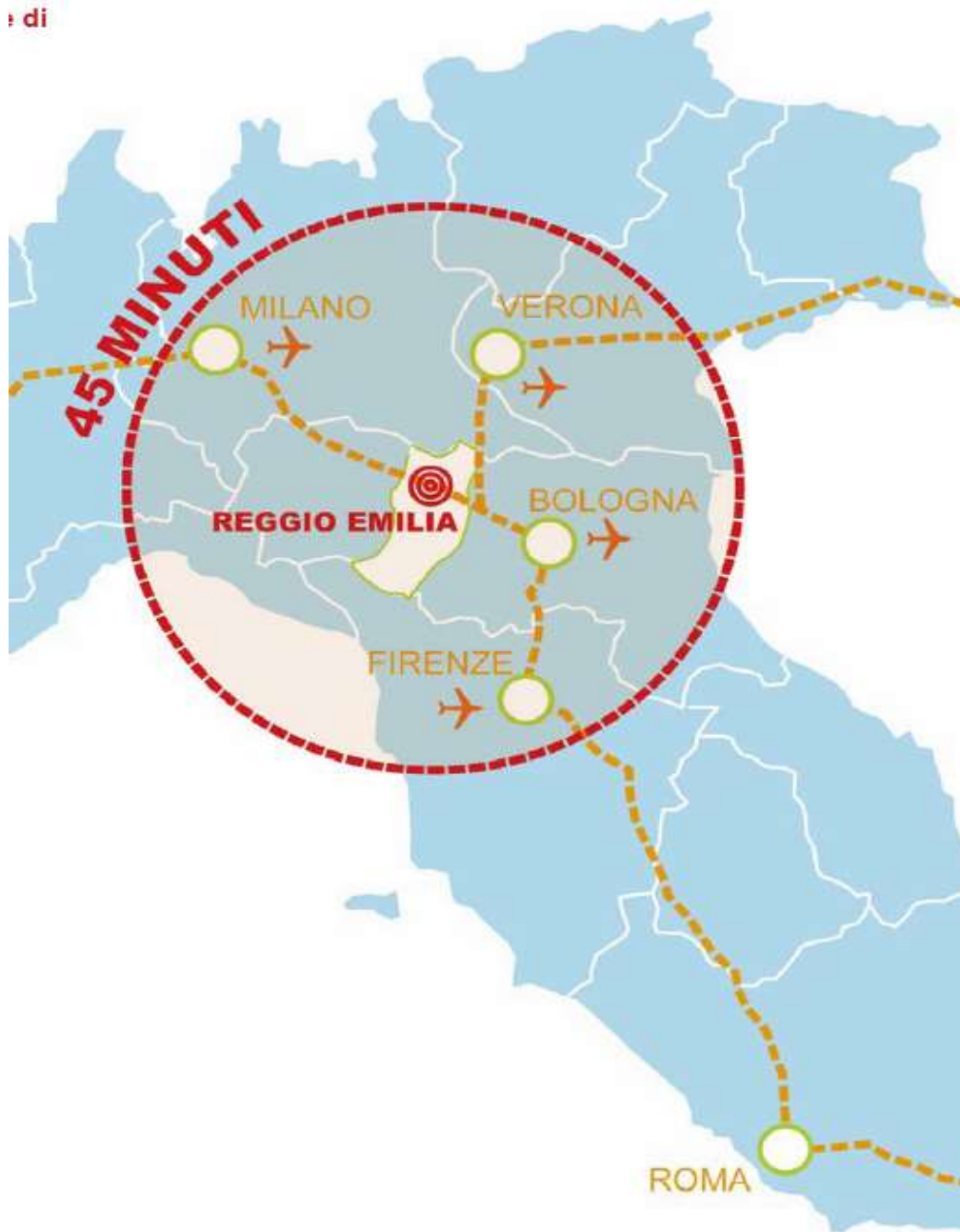




- **M**edium-sized city
- 172.000 inhabitants
- **N**orthern Italy
- 60 Km from **B**ologna
- 150 Km from **M**ilan
- 450 Km from **R**ome



High Speed Train Station by Santiago Calatrava



Some figures

- **I**ncome per capita € 22.900
- **E**xport 60% of local GDP (€10 Billion)
 - **N**umber of new enterprises 3.400
 - **N**umber of local companies 55.500

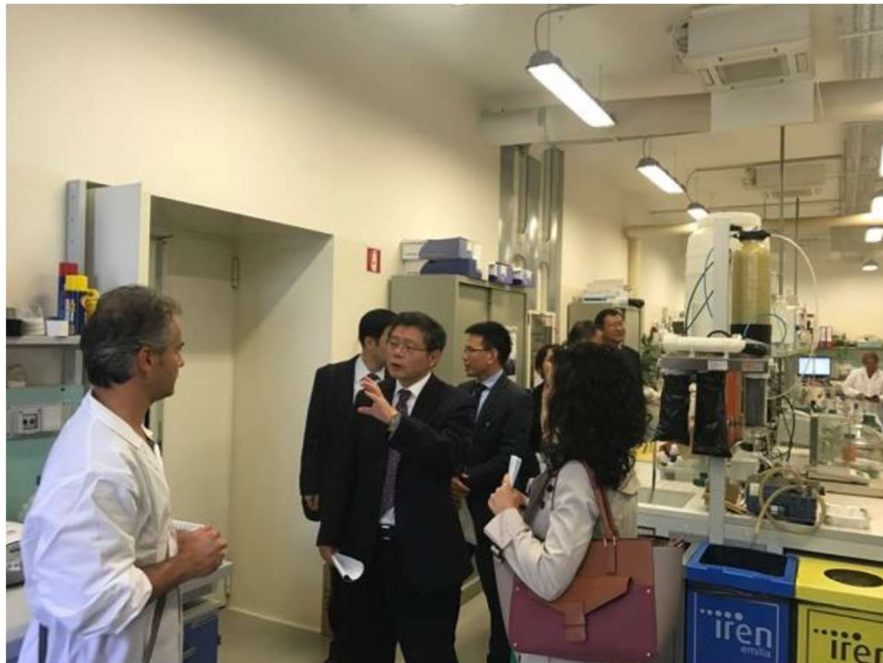
Top Italian city for separate waste collection 57%

- **G**reen areas per capita (58m²/inhab)
- **C**ycle lanes extent (more than 200 km)

Reggio Emilia and China platform

- **T**winning with the city of Rizhao – Shandong Province
- **I**UC Programme: twinned with Weinan – Shaanxi Province
- **E**milia-Romagna Region partner of Guangdong Province
- **R**esearch Centre on Contemporary China





Some similarities

- From manufactures and industries to knowledge economy
 - Regeneration of urban spaces
 - Higher attention to sustainability and agriculture
- Innovation based on education and research

Interests for possible cooperation

- **C**ircular economy and sustainable production
 - **U**rban/rural linkages
 - Urban regeneration
- Earlychildhood education
 - **T**ourism and promotion

Partnerships for....

- **E**xchange of experiences
- **T**echnical assistance and professional development (master, summer schools, etc)
- **R**esearch and **I**nnovation projects
 - **E**xchange of know how and technology
 - **E**xchange of researchers and professionals
 - **J**oint investments

Practical proposals – first steps

- **Master/ School on circular economy with engagement of Research centres, Universities and companies**

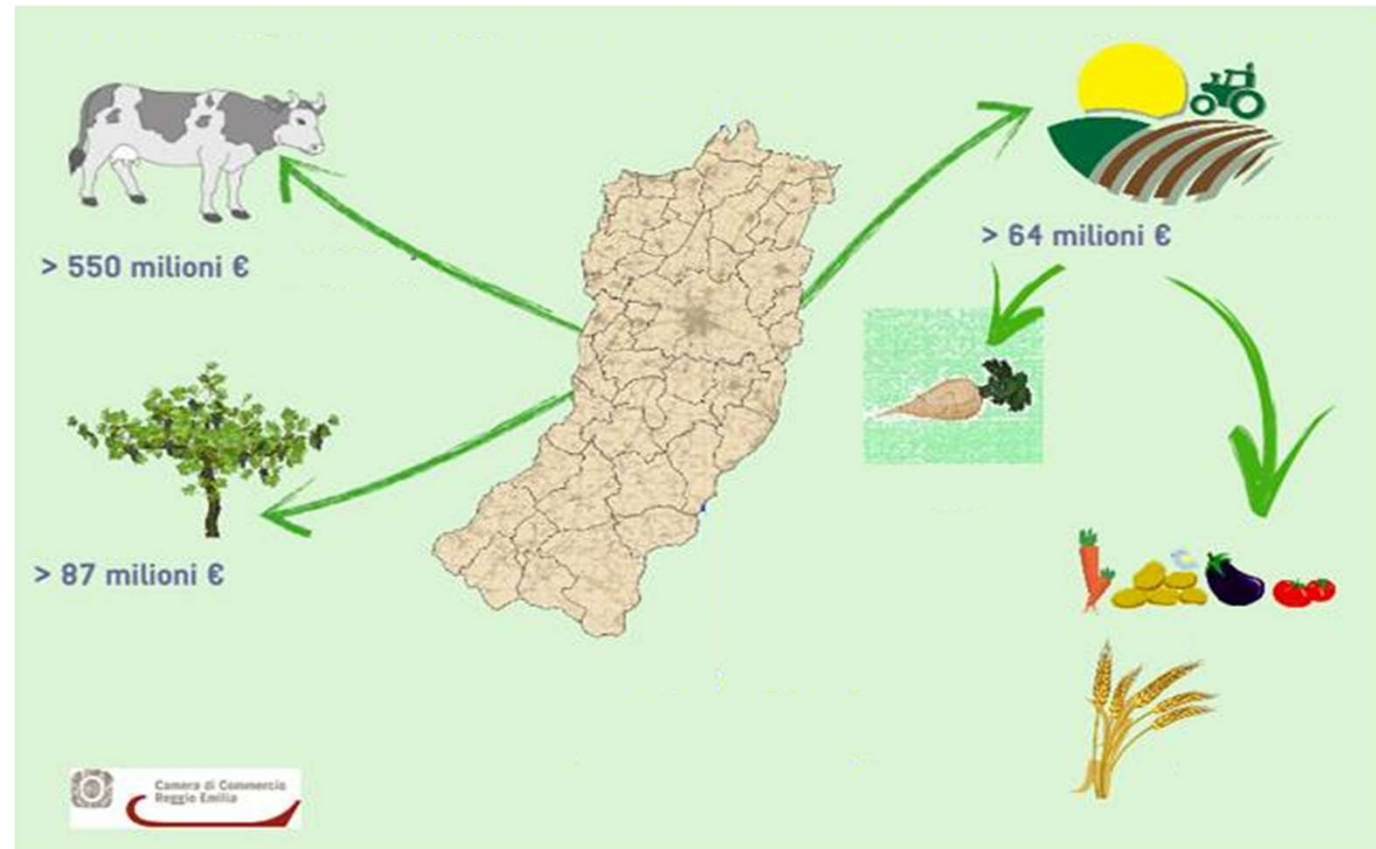
Technical assistance and professional development

Exchange of know how and technology

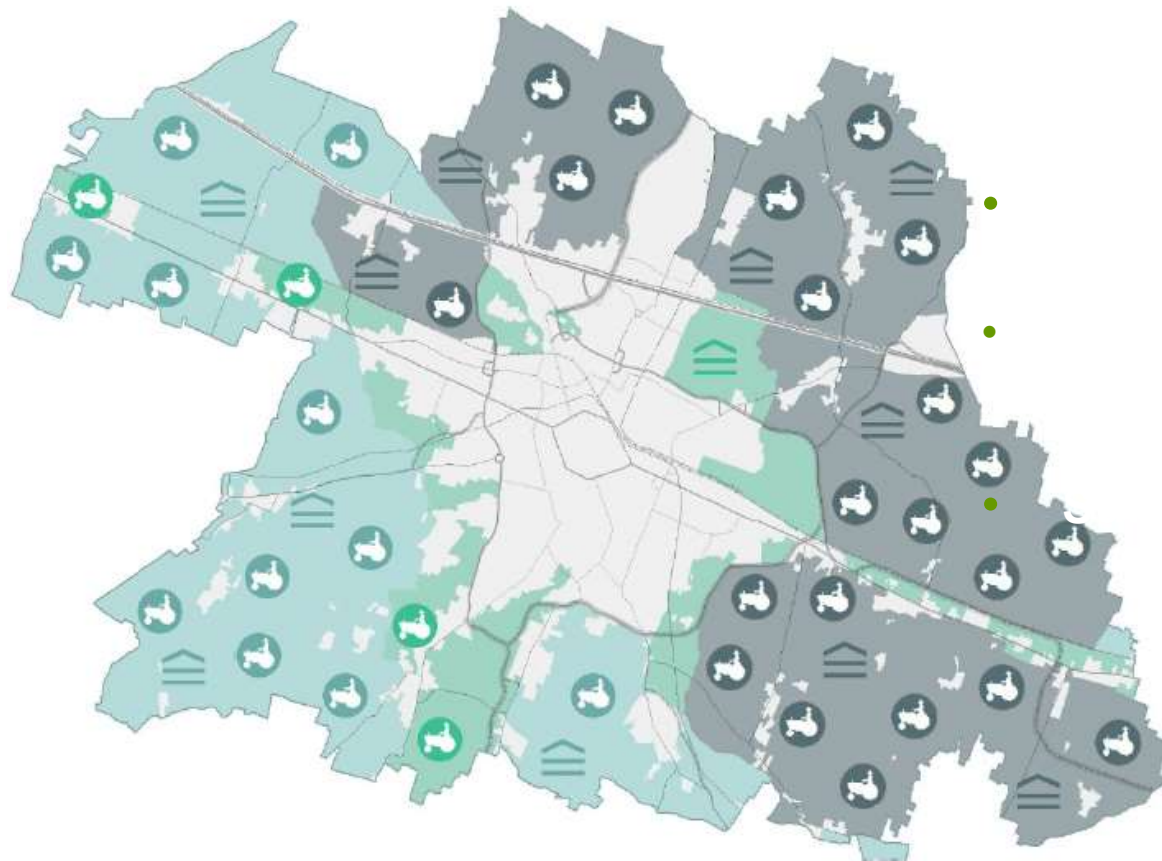
- **E**xchange of researchers and professionals
- **V**isit on fields
- **I**nternships

Circular economy and urban linkages

Agriculture production in Reggio Emilia Province :
700 millions € (2017)



Planning and use of agricultural soil



«Eatable Park » (GOI + Accord entre citoyens)

agricultural production in peri-urban areas, on land intended for municipal green spaces, with a return to the tradition of cultivating between rows of trees (agroforestry)

Planting 70 mulberry trees of different varieties to reconstitute a traditional agricultural landscape

Cultivation of various types of vegetables among mulberry trees to sell directly to citizens

Professional vegetable production entrusted to a social agricultural cooperative (Cielo d'Irlanda) to promote the employment of disadvantaged workers Free access to citizens



Purified Water Park – reuse of water



Reggio Emilia first area in Emilia Romagna Region with a system to purify urban water and reuse them for benefiting perirurban agriculture (5 millions m³ of water, 100 farming delivered with water on a surface of 2.000 hectares)

- strategic pole for the territory: improves the quality of surface waters, but allows the recovery and reuse of waste water for the benefit of the environment and of the neighboring farms.
- Every year in Mancansale about 19 million m³ of water are treated for agriculture during the summer period when there is an irrigation request.
- built inside the purifier. The PWP is equipped with a 10-step pedestrian path, through the Water, Mud and Gas Lines, with information signs and highly accessible maps to facilitate the visit under the guidance of the technicians who manage the plant



Purified Water Park



Innovation Park

Technopole - Hub of research:

Renewable energy for farming

Production of bio-methane biogas

Automotive and mechatronic

Incubator and start up

Research and Innovation Labs

from private Companies

Urban regeneration project

VIA GRAMSCI

TANGENZIALE NORD

VIA DELL'AERONAUTICA

CENTRO INTERNAZIONALE
INFANZIA L. MALAGUZZI

AEROPORTO
CAMPOVOLO

CAPANNONE 18

PIAZZALE
EUROPA

TECNOPOLO

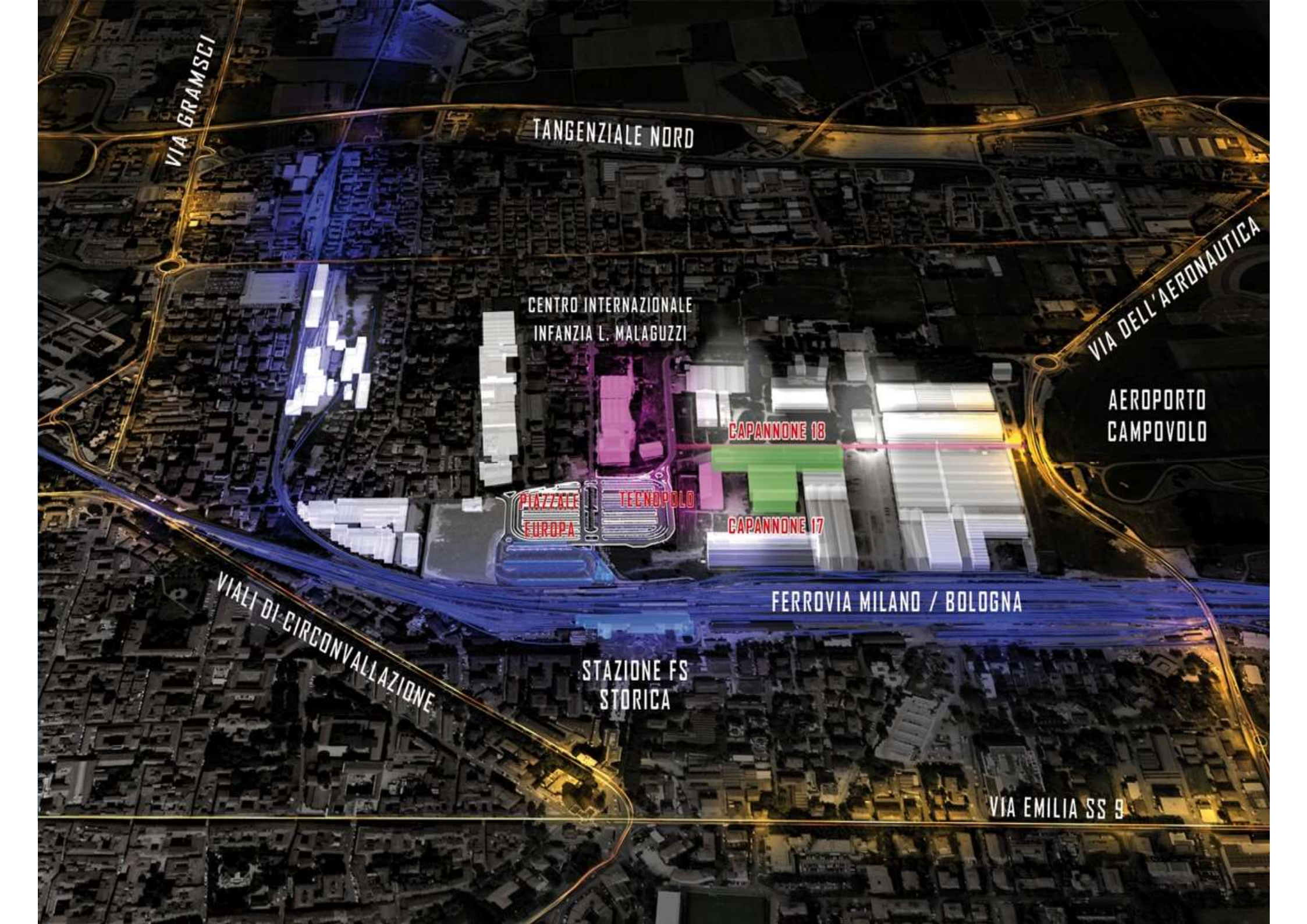
CAPANNONE 17

VIALI DI CIRCONVALLAZIONE

FERROVIA MILANO / BOLOGNA

STAZIONE FS
STORICA

VIA EMILIA SS 9







Early childhood education

- **Reggio Emilia Approach**
- **I**nvestment 21 Milion Euros per year
- **M**ixed and Integrated public private system
- **E**nrolment ratio 0-3 43%
- **E**nrolment ratio 3-6 93%






DOES RUSSIA NEED FOOD?
Better Choices for Westerners Aid

Newsweek

The 10 Best Schools in the World

And What We
Can Learn
From Them

A stack of colorful blocks with the letters B, H, and A visible. The blocks are in various colors including yellow, blue, green, and red.

Remida, the creative recycling centre

- established in 1996 a **cultural project focused on sustainability, creativity, and research on waste materials.**
- materials supplied by ca. **200 companies** that deliver wastages, defective materials, remainder funds or production surplus destined for disposal
- Visiting more than **3,000 people** among teachers, artists, students, administrators and interested people coming from all over the world.
 - materials sorted out delivered thanks to the collaboration with Iren.

Remida, the creative recycling centre



Tourism and promotion of Territory

- **Reggio Emilia – Michelin City**
- **A**t the heart of Food Valley
- **H**ome of Parmigiano-Reggiano
Cheese
 - **B**alsamic Vinegar
 - **L**ambrusco red wine





Terre di Lambrusco



Education, research and innovation

- 20.778 **S**tudents enrolled (8.000 in Reggio)
- 3.000 **F**reshmen + 5% yearly
 - **M**ain Departments:
 - *Communication & Economics*
 - *Engineering*
 - *Education*
 - *Food technology & Agriculture*
 - *Nursing*



UNIMORE

UNIVERSITÀ DEGLI STUDI DI
MODENA E REGGIO EMILIA

**Dipartimento di Comunicazione
ed Economia**



Local actors to be engaged for Masters/Summer School

- **C**RPA – center for research on animal production
 - **I**nnovation Park
- **U**niversity of Modena and Reggio Emilia
 - **R**eggio Children
- **B**usiness associations
- **S**mes and companies
 - **S**tudents
- **P**H.D Researchers

EU-China Cooperation: Economic Trends and Perspectives along the New Silk Road

Promoted by Center for research and studies on contemporary China, University of Modena and Reggio Emilia, Municipality of Reggio Emilia, business associations

8- 21 July 2019 – Reggio Emilia

40 students and researchers in Reggio Emilia from Italy and China

Topics

Bilateral cooperation

Circular economy and sustainability

Innovation and digital policies

Business development

2019 - Summer school in Reggio Emilia

<http://www.euchinasummerschool.com/>

Thank you!

