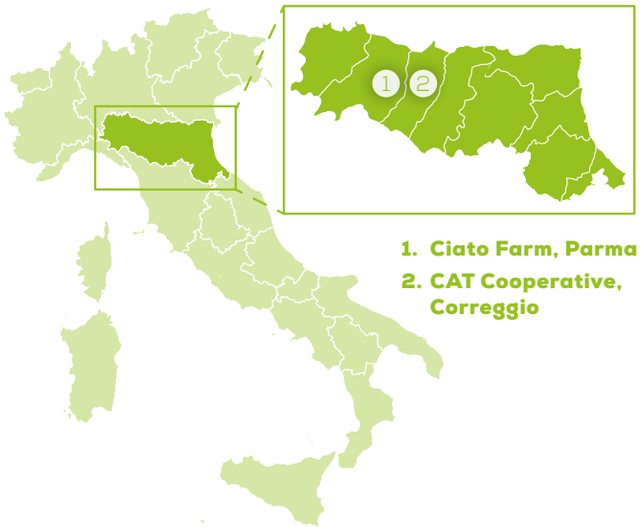
Challenge



1. Ciato Farm, Parma
2. CAT Cooperative, Correggio

DESCRIPTION

- Continental climate, hot summers and cold winters
- Long dry periods and concentrated heavy rains
- Low organic matter content of arable soils

CHARACTERISTICS

- High farming intensity, 45 food PDO and GPI in 2016, first region in Italy and the EU (among these Parmigiano-Reggiano cheese and Parma ham)
- Livestock is concentrated in specific areas and in medium to large farms
- The biogas sector has become important over the past 10 years (around 200 agricultural biogas plants in the region)

CHALLENGES

- Soil organic matter restoring to increase fertility and sequester carbon
- Increase nutrient use efficiency

SELECTED PRACTICES

- Conservation tillage strategies to increase organic matter and recycle nutrients
- Microfiltered digestate/slurry to drip lines fertigation to increase nutrient use efficiency

Participating partners

Case study leader :

FCSR
Fondazione CRPA Studi Ricerche

Collaborators :

correggio cat
COOPERATIVA AGROENERGETICA TERRITORIALE

ciato

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Circular solutions for carbon and nutrient management

Case study

Emilia-Romagna, Italy



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