

Insights from the Lombardy region

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Lombardy

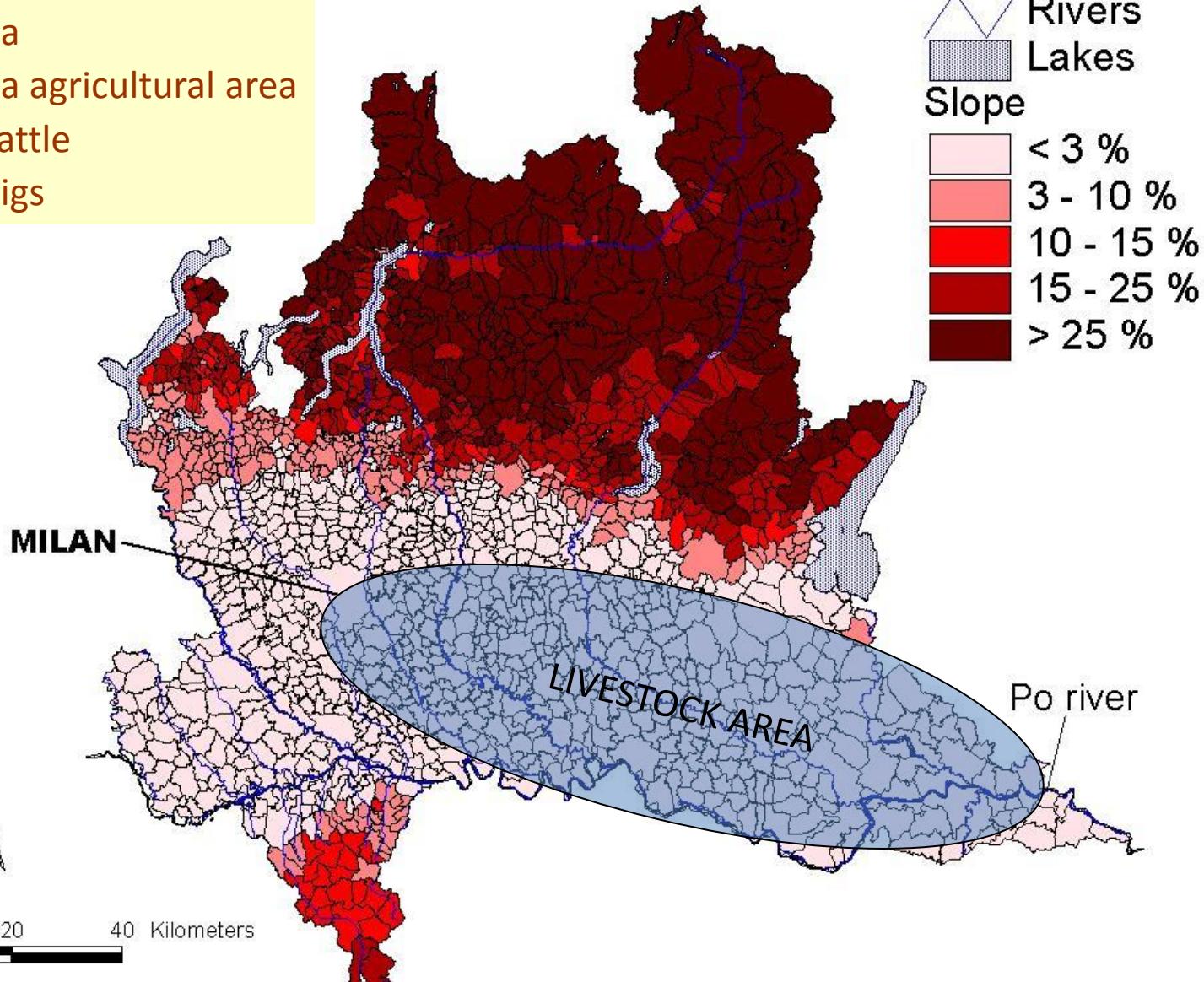
8.9 mil persons

2.4 mil ha

0.9 mil ha agricultural area

1.6 mil cattle

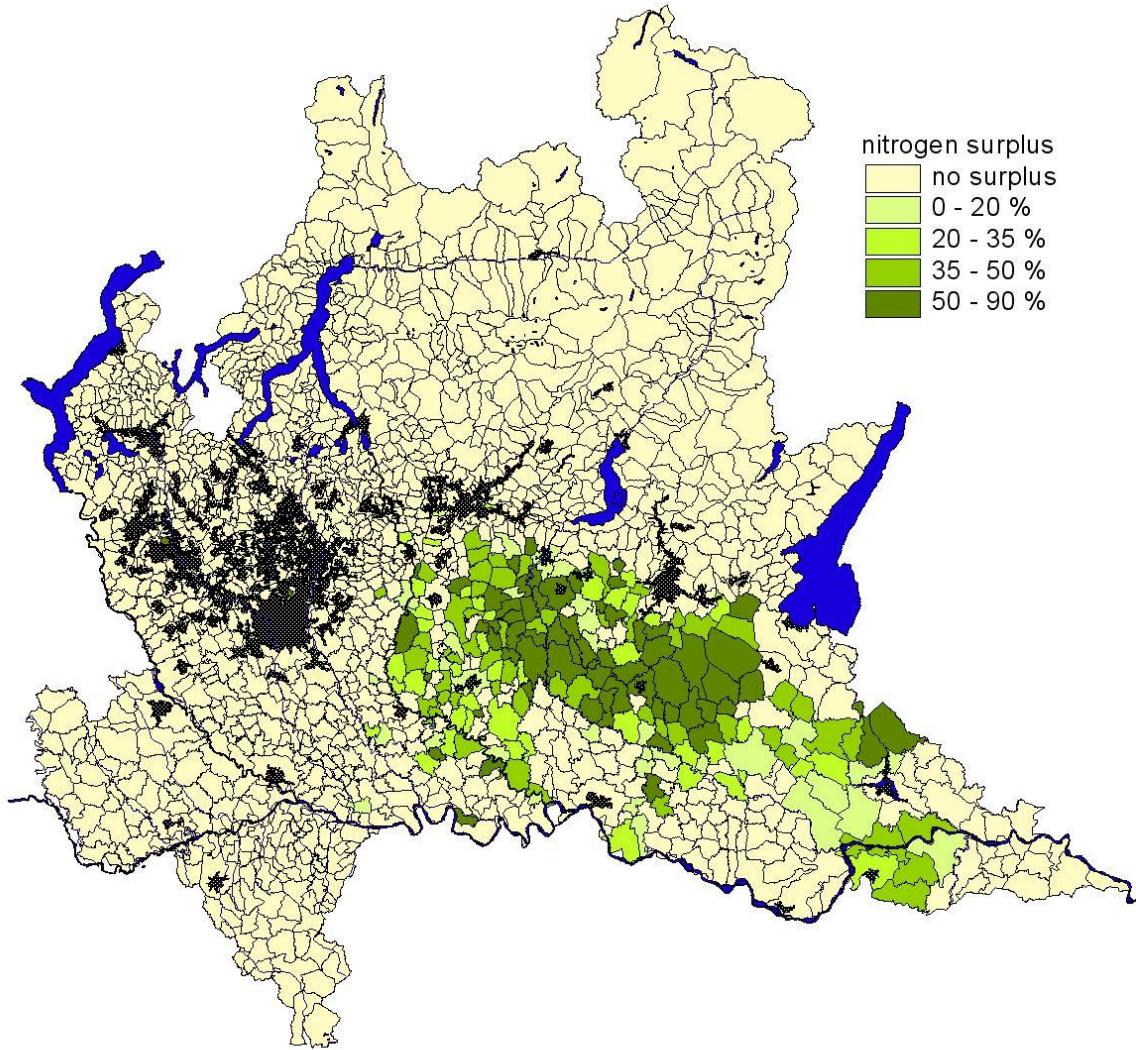
3.8 mil pigs



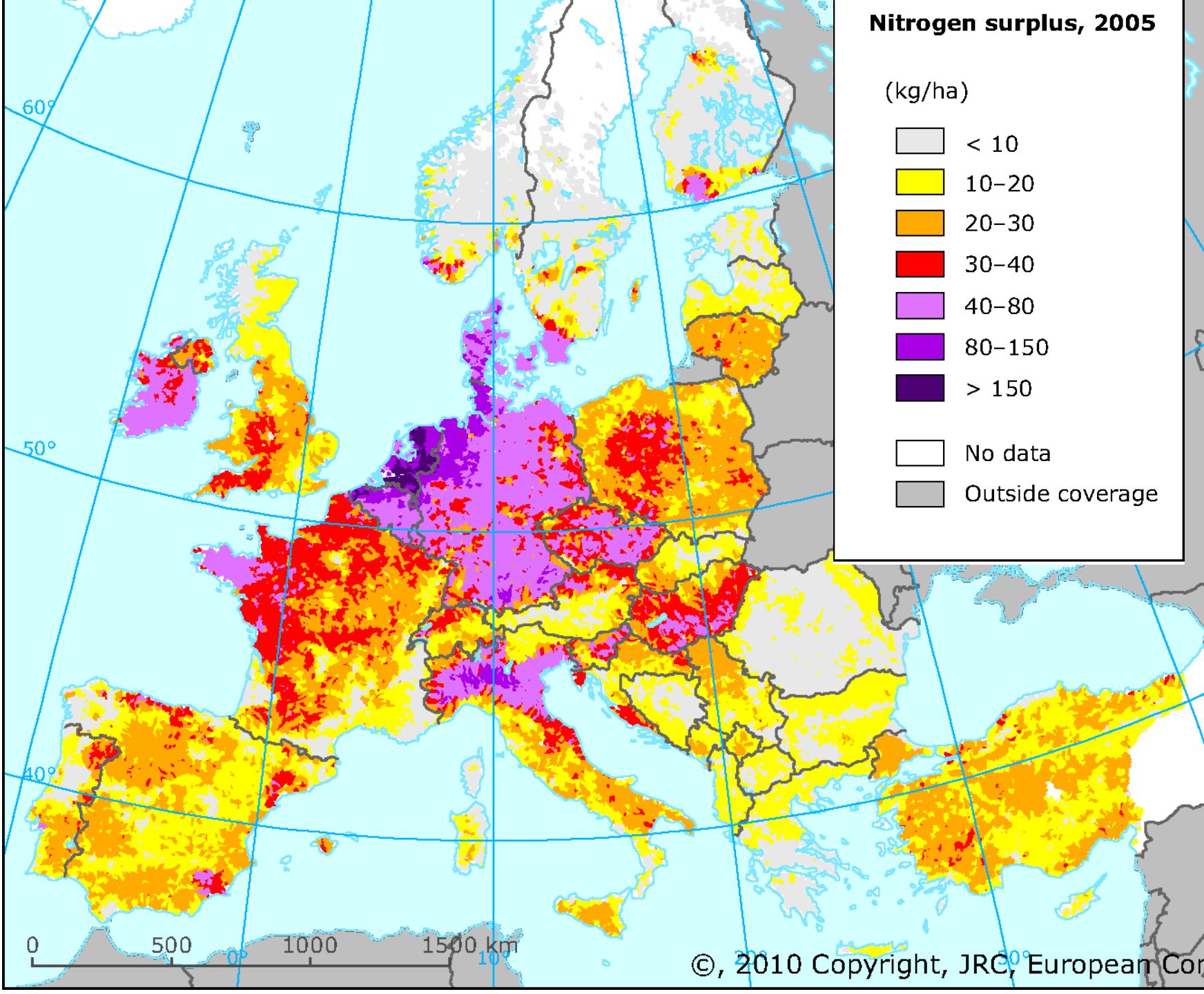
51% of pigs and 25% of dairy cows of Italy



Manure N surplus



Nitrogen surplus, 2005





- High nutrient requirement by crops (maize, double crops)
- Intensive Livestock
- Uncertainty of the contribution of agriculture to the impact on water quality
- Limited availability of clear technical guidelines
- Limited demonstration activities and advisory service
- Cooperation is not supported
- Economic is the only driving force



priorities

- Reduce nutrient surplus in intensive livestock areas
- Increase nitrogen efficiency (from manure and from mineral fertilisers) reducing loss
- Better nutrient balance with crop requirement



