



Some measures for the adaptation and mitigation to the climatic changes in Province of Ferrara



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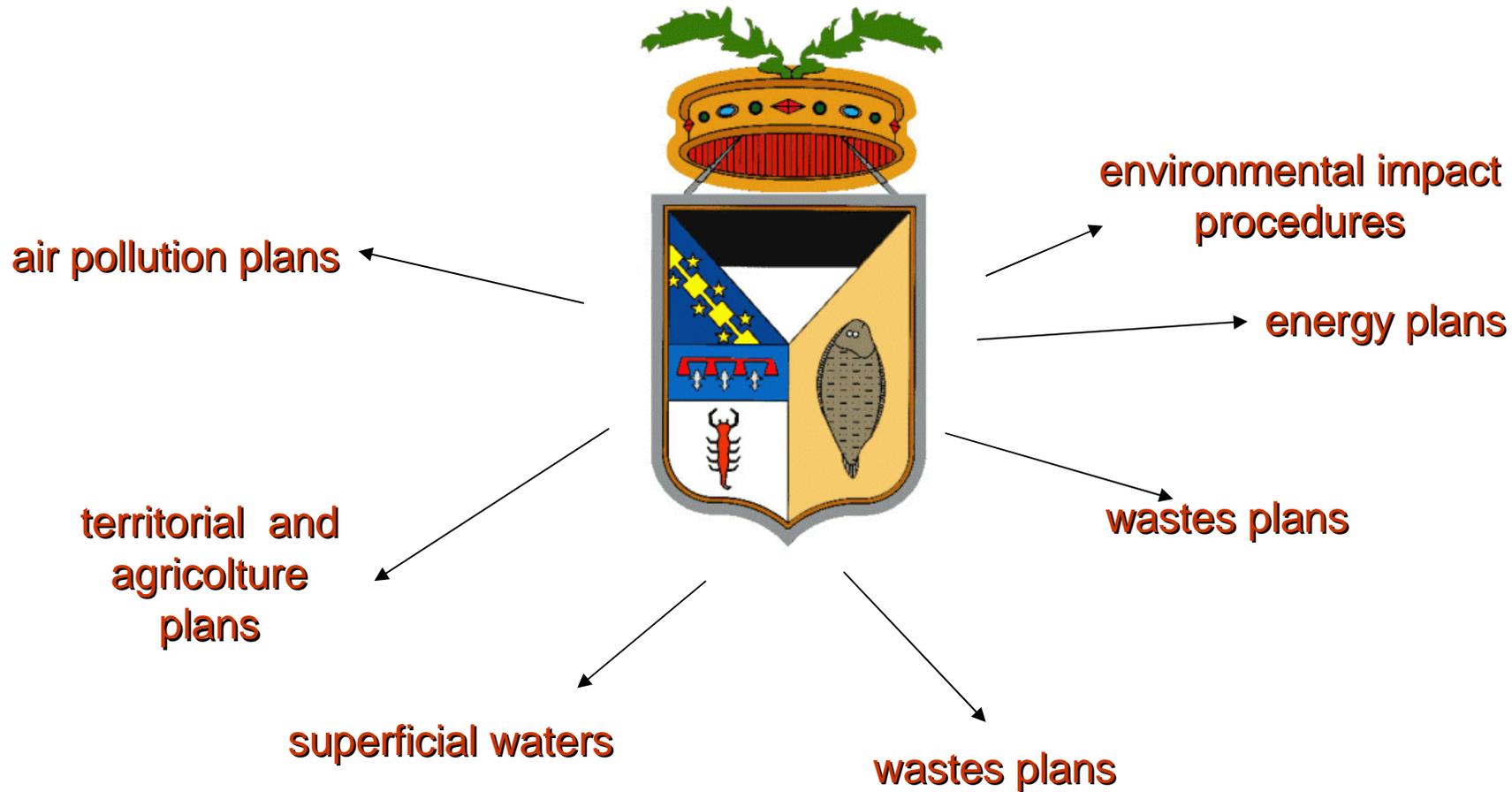


The territory of the Province of Ferrara places in the portion North-Oriental of the Emilia Romagna region.

Its occupies a surface entire plain of 2.631Km² of which 48% approximately situated down the sea level



The Provincia di Ferrara manage:





the main lines of action for the mitigation and the adaptation to the climatic changes:

- **integrated agricultural productions**
to protect the fragile areas to hydrogeological and erosion risks
- **vegetable cover of the grounds**
to control of the erosion
- **restoration and/or conservation of natural and seminatural spaces and of the agrarian landscape**
to reduce the superficial erosion
- **the “Provincial program for prevision and prevent the risks” and the “Provincial plan for the emergencies of the Civil Protection”**
for the governance of the hydraulic risks
- to protect the fragile lagoons areas
- **management of the hydraulic systems**
to increase the hydraulic circulation



- **construction of a unidirectional hydraulic structures**
to contrast the entry of the nutrients of waters of the Po River into the fragile lagoons areas
- **reconstruction of shelves (areas only submerged during the high tide)**
to reduce the quantity of the nutrients in the fragile lagoons areas
- **legal limitations for buildings**
to reduce the superficial impermeabilization
- **construction of catchment basins (for large areas)**
to prevent flooding, water stock for dry periods, fitodepuration and to prevent spring frost
- **construction of an environmental management system on the EMAS scheme**
to manage all the impact of the Provincia's activities

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