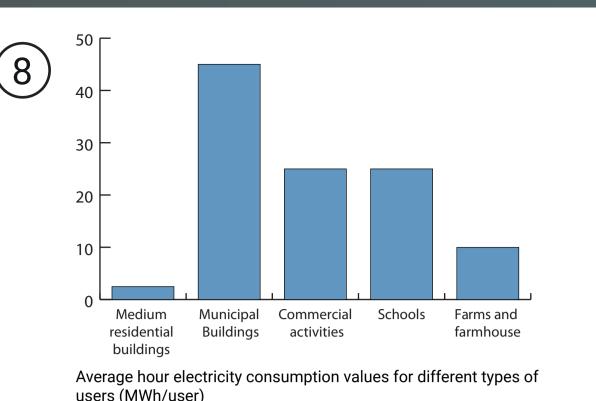
ENERGY TRACKS: A GREEN-BLUE ENERGY INFRASTRUCTURE FOR THE PRODUCTIVE LANDSCAPES OF THE FUTURE



Energy production from PV Plants

Annual production of renewable electricity of the designed agriphotovoltaic system

5 GWH OF RENEWABLE

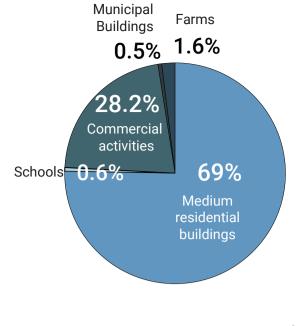
ELECTRICITY

1200 TONNES OF CO.

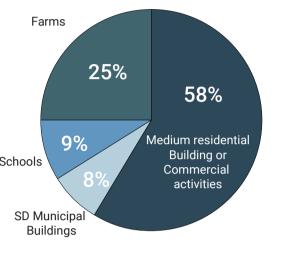
INTO THE ATMOSPHERE

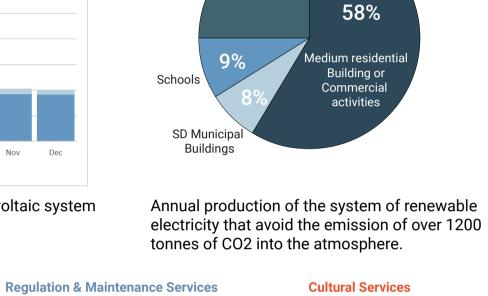
AVOIDED

users (MWh/user)



Estimated annual electricity consumption of the types from the six municipalities in the potential catchment area (Giussago, Lacchiarella, Casarile, Binasco, Siziano and Vidigulfo)



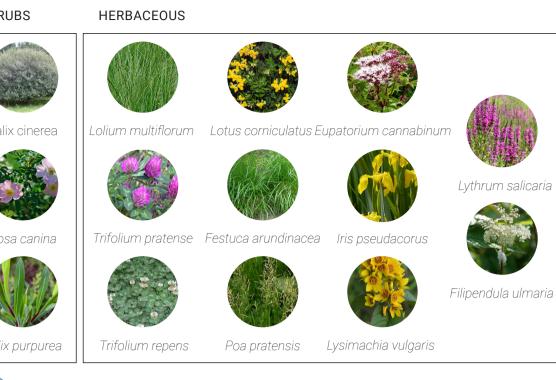


Common Classification of Ecosystem Services (CICES) - Project scenario

Additional Ecosystem Services Enhanced Ecosystem Services in the project scenario in the project scenario

SINERGY BETWEEN AGRICULTURE AND ENERGY PRODUCTION Agroecology STRENGTHENING BIODIVERSITY Community organic gardens ENHANCEMENT OF THE PRODUCTIVE LANDSCAPE Environmental Connecting field margin rural heritage Technological research Energy and biodiversity axes LAWN WETLANDS

1 Photovoltaic axes Native herbaceous perennials of hygrophilous margin communities



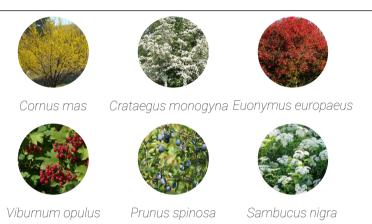
2 Community therapeutic garden Native medicinal plants adapted to partial shade HERBACEOUS



Mentha x piperita Echinacea purpurea Valeriana officinalis

3 Environmental field margins

Agri-environmental tiles representative of Pavia's habitat diversity HERBACEOUS SHRUBS





Iris sibirica









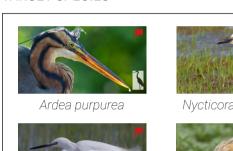
Valeriana dioica Rorippa amphibia Lotus pedunculatus Rumex hydrolapathum

Biodiversity value of selected habitats



Hygrophilous shrubland and meadow vide an optimal habitat for Ardeids and endangered species for whom Lombardy constitutes an important area of









UMBRELLA SPECIES







Species included in the annex 1 dir.

