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Pl@ntNet is a network and cross-disciplinary project that aims to provide digital tools dedicated to the collaborative discovery and sharing of botanical knowledge on plants.

Main objectives

Developing cutting-edge and cross-disciplinary research at the frontier between information and communication technologies and botanical sciences, based on the use of **large datasets, knowledge and expertise** on plant diversity.

Providing free software and methods through a **web platform** dedicated to plant identification and management of plant data.

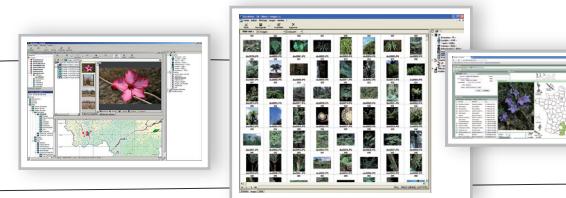
Promoting **citizen science** and **collaborative work** as a powerful means to enrich databases and enhance our global knowledge.

Innovating tools

The main output of the project takes the form of an innovative and generic information system shared with players in different professional, scientific and amateur communities.

Botanical data management

Data management systems adapted to a wide typology of end-users and data types.



Identification

New methods focused on graphic and automated visual recognition to facilitate plant identification.



Botanical collaborative platform

Social networking engine, which provides a wide range of tools to manage communities, and improve collaborative work.



Web data diffusion

New technical solutions to enhance diffusion of data via web.



Pl@ntNet values

Open software free-of-charge or under open source licenses

Community to promote collaboration and exchange between a wide range of potential participants

Innovations to simplify and facilitate the sharing and use of large, multi-disciplinary datasets