

# PI@ntWeeds, a collaborative weeds identification platform and tools

Accurate knowledge of the identity, geographic distribution and invasive potential of weed species underpins the success of intensive agriculture. The collaborative accumulation and diffusion of basic data on these species is the only way to provide a global solution to their control.

Citizen science will be promoted as a powerful mean to enrich databases with information on plant location, phenology, and ecology.



### Citizen Science

- Forums and wikinis
- e-Floras, Taxonomic indexes
- Participatives databases
- Training courses

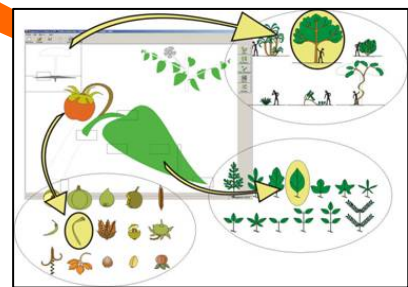
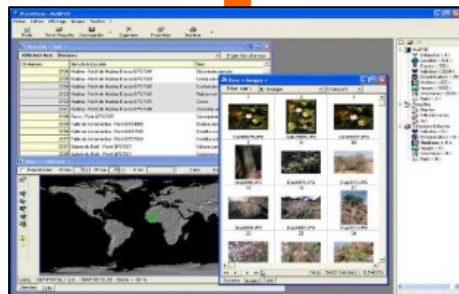


### Web Portal

## Software Platform

Free, open and easy-access tools for:

- Plant identification
- Plant database management, annotation, exploration and exploitation
- Collaborative research



#### Team Leaders

-Joint Research Unit **AMAP** (*Botany and computational plant architecture*) composed of CIRAD-CNRS-INRA-IRD-University Montpellier 2

-Research Group **IMEDIA** (*Image and multimedia indexing, browsing and retrieval*) INRIA-Rocquencourt

- NGO **Tela Botanica**

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