

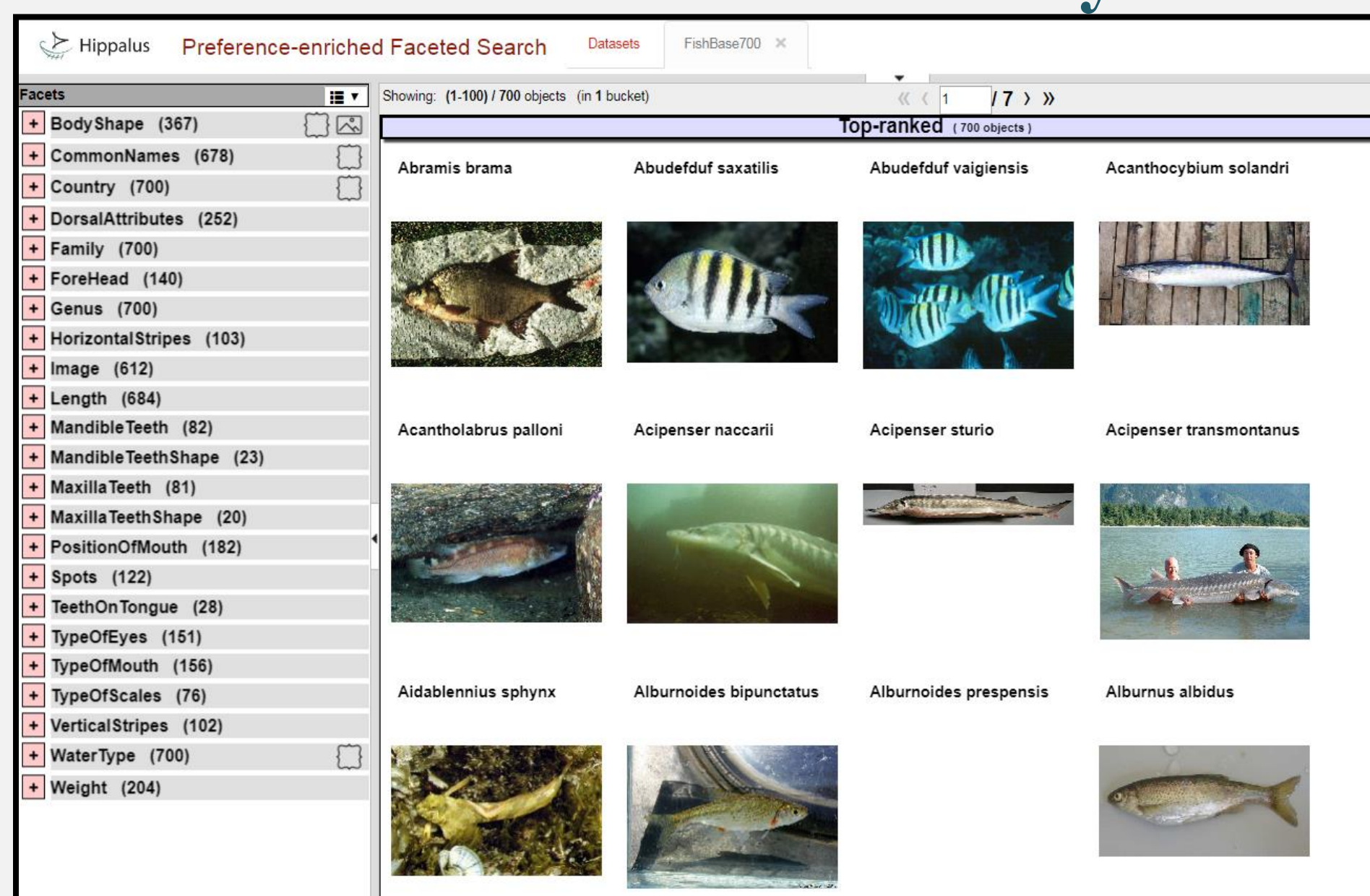
# Hippalus – A General Purpose System for Data Exploration and Decision Support

*finding the most preferred product or service becomes easier and quicker*

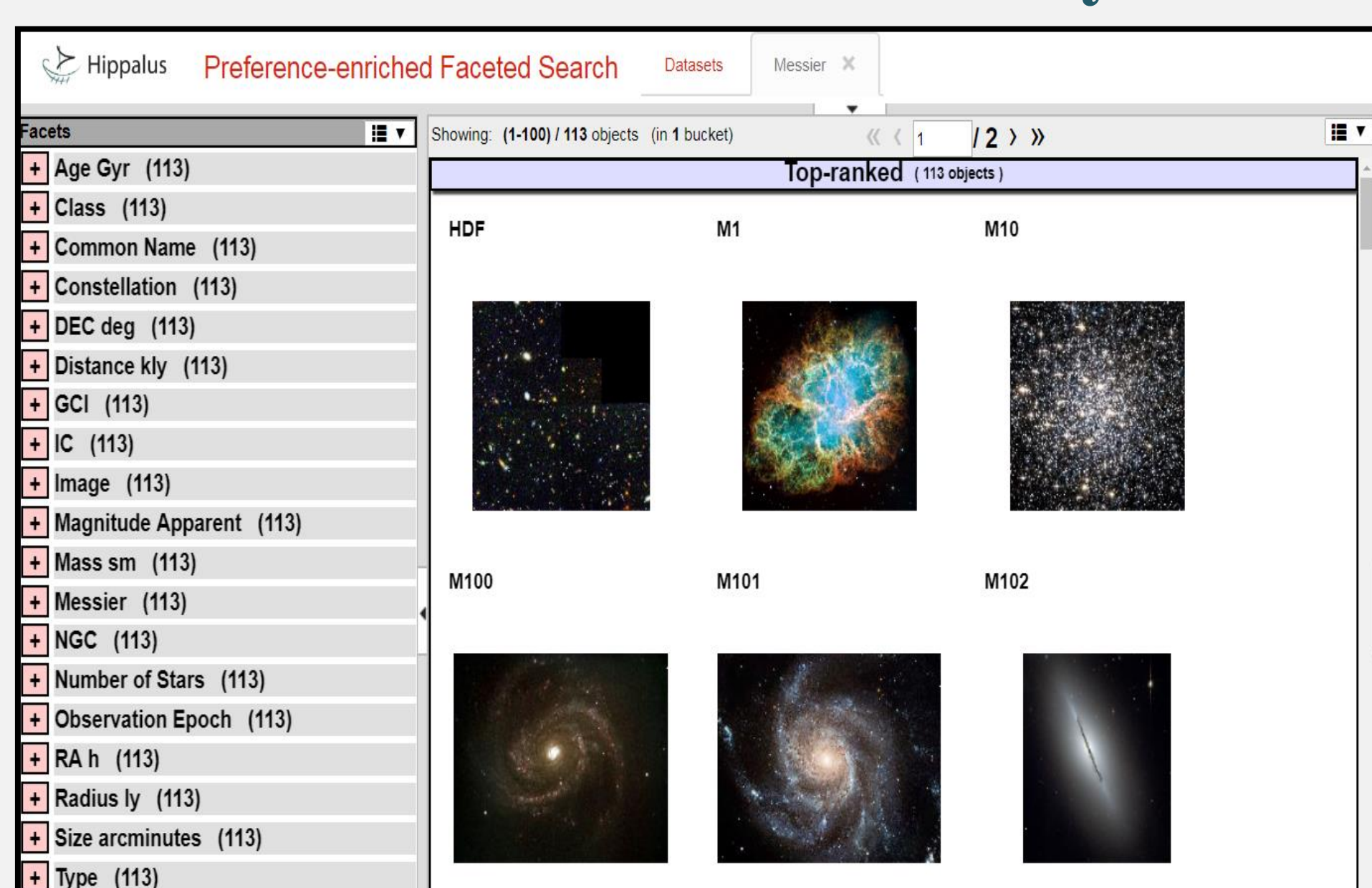
Hippalus offers to the user a **process** for finding the **most preferred** choice (either product, service or resource) through **simple steps** during the **exploration** of the available choices. It offers a smart preference mechanism that enables the formulation of **general** and **specific preferences** and supports **automatic understanding** and **management of exceptions**.

It can be used in several application areas, from e-commerce (e.g. for selecting products or services) to e-science (fish identification) and voting

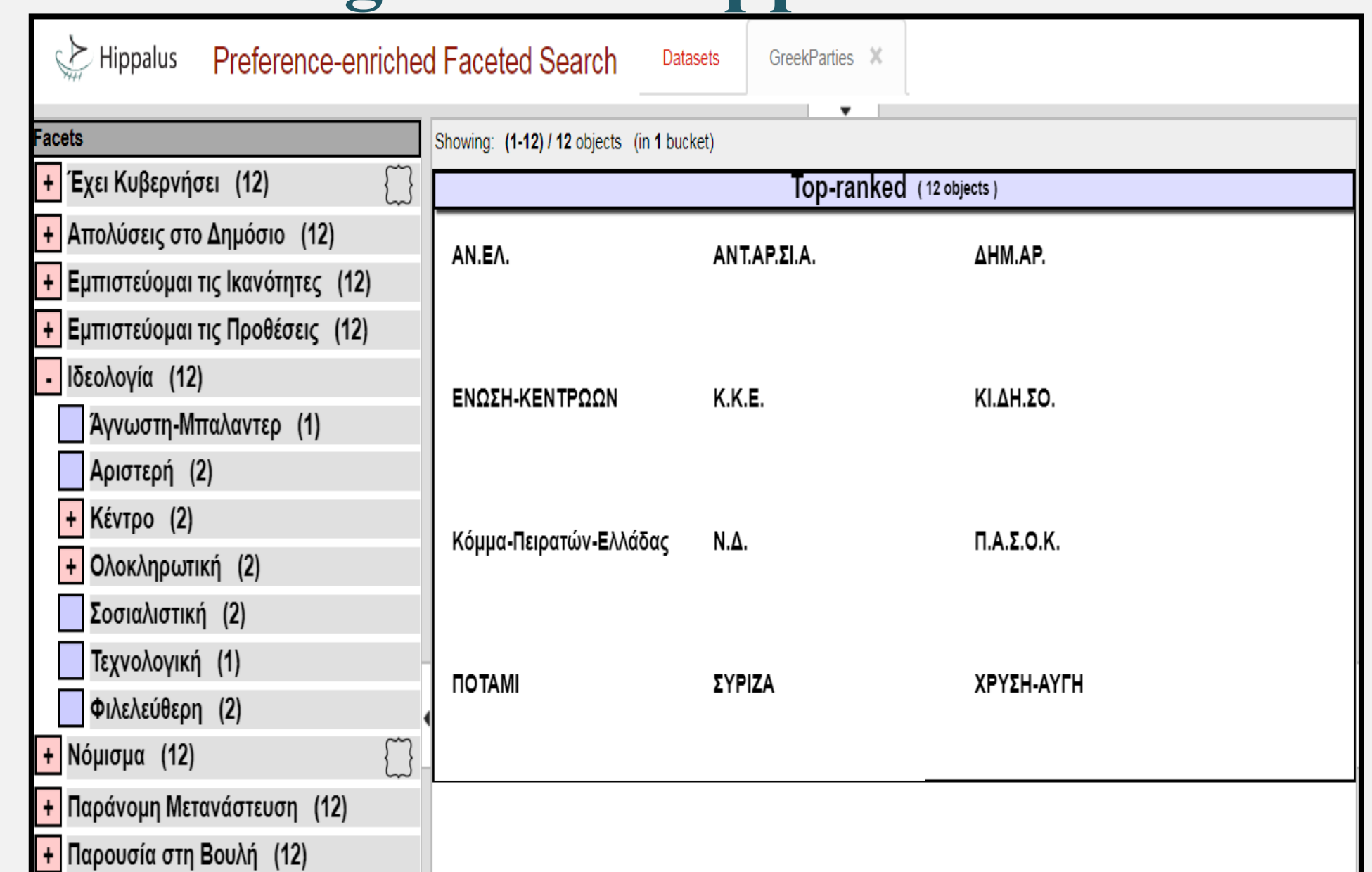
## E-science / biodiversity



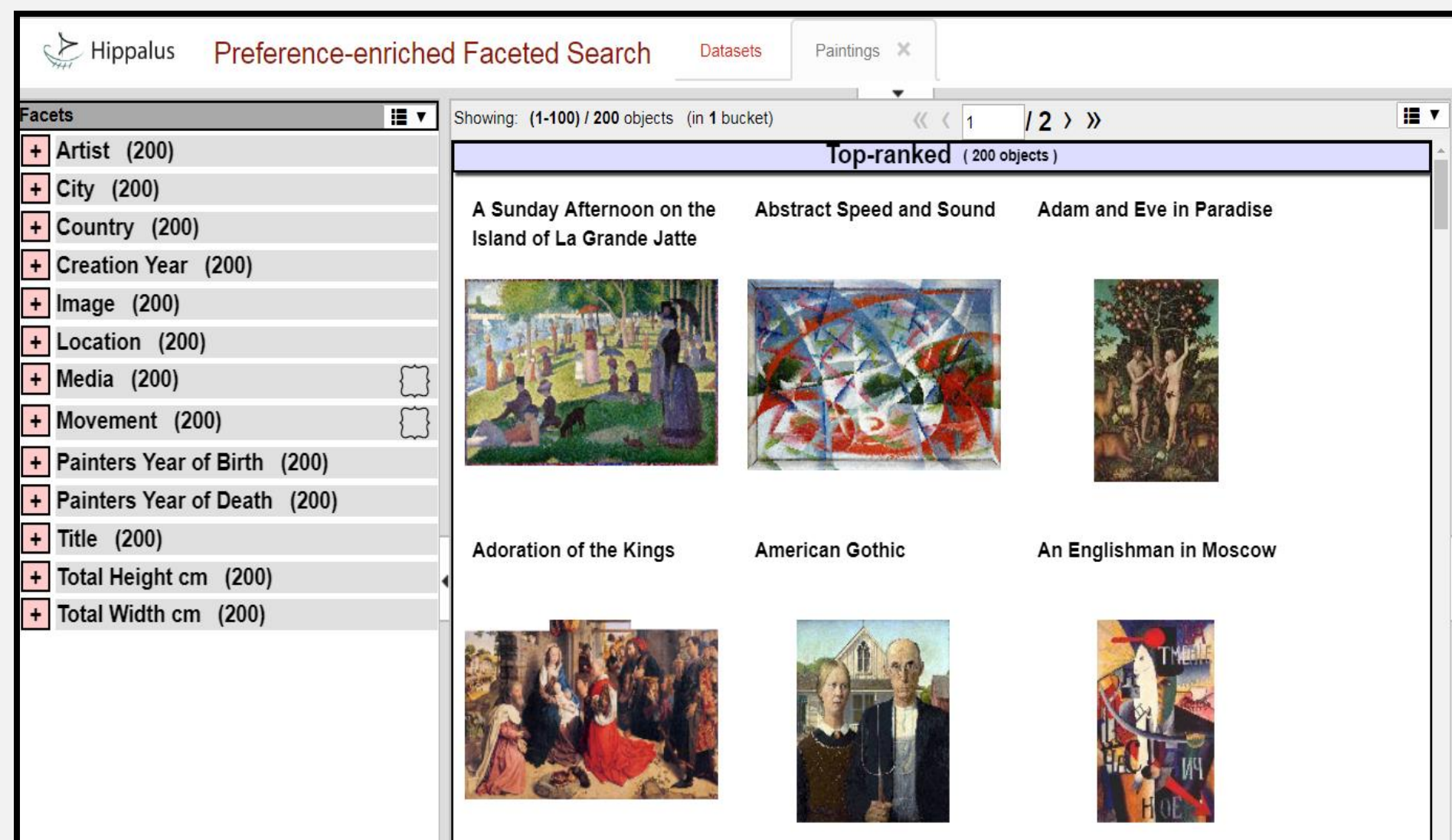
## E-science / astronomy



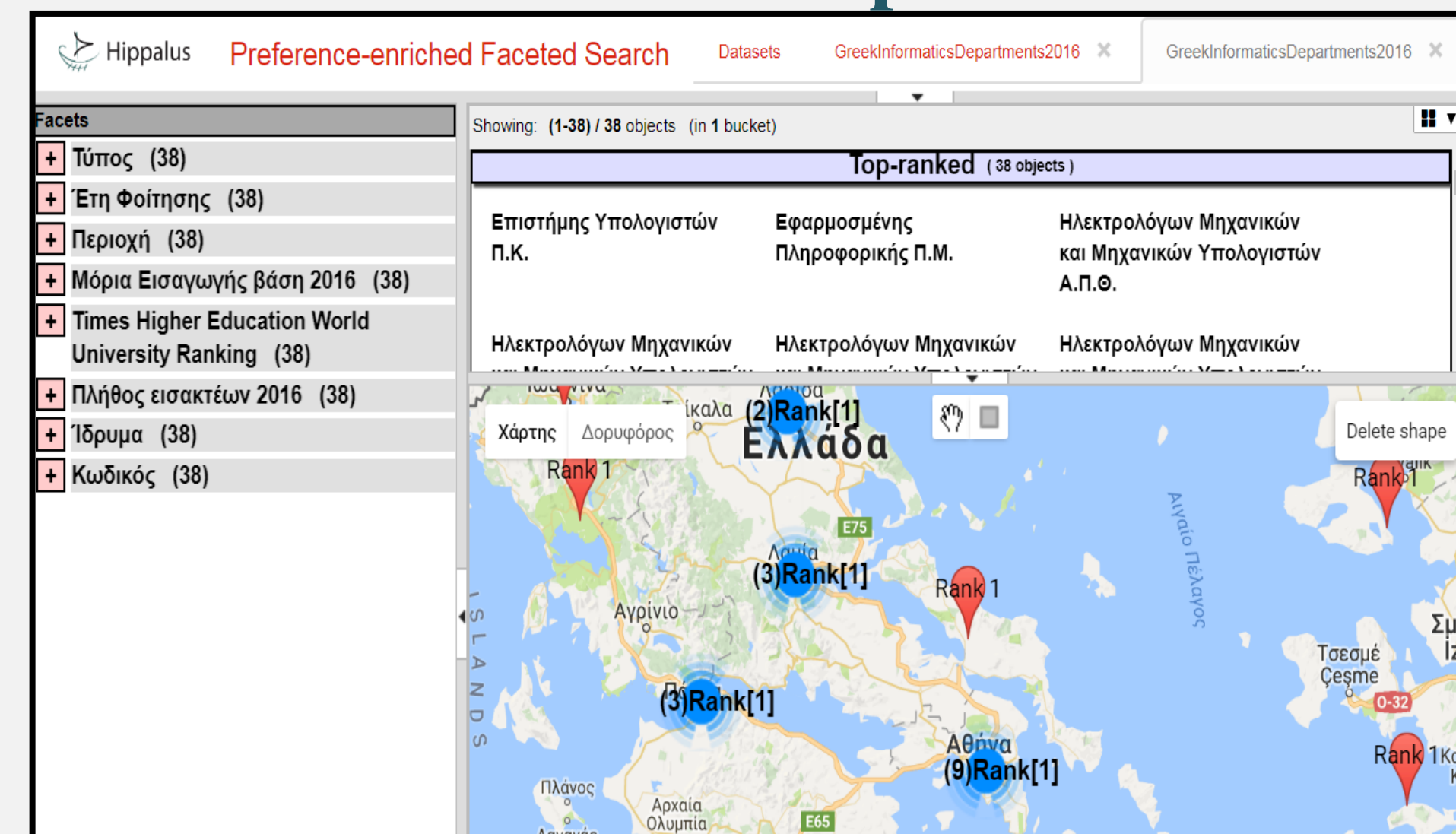
## Voting Advice Application



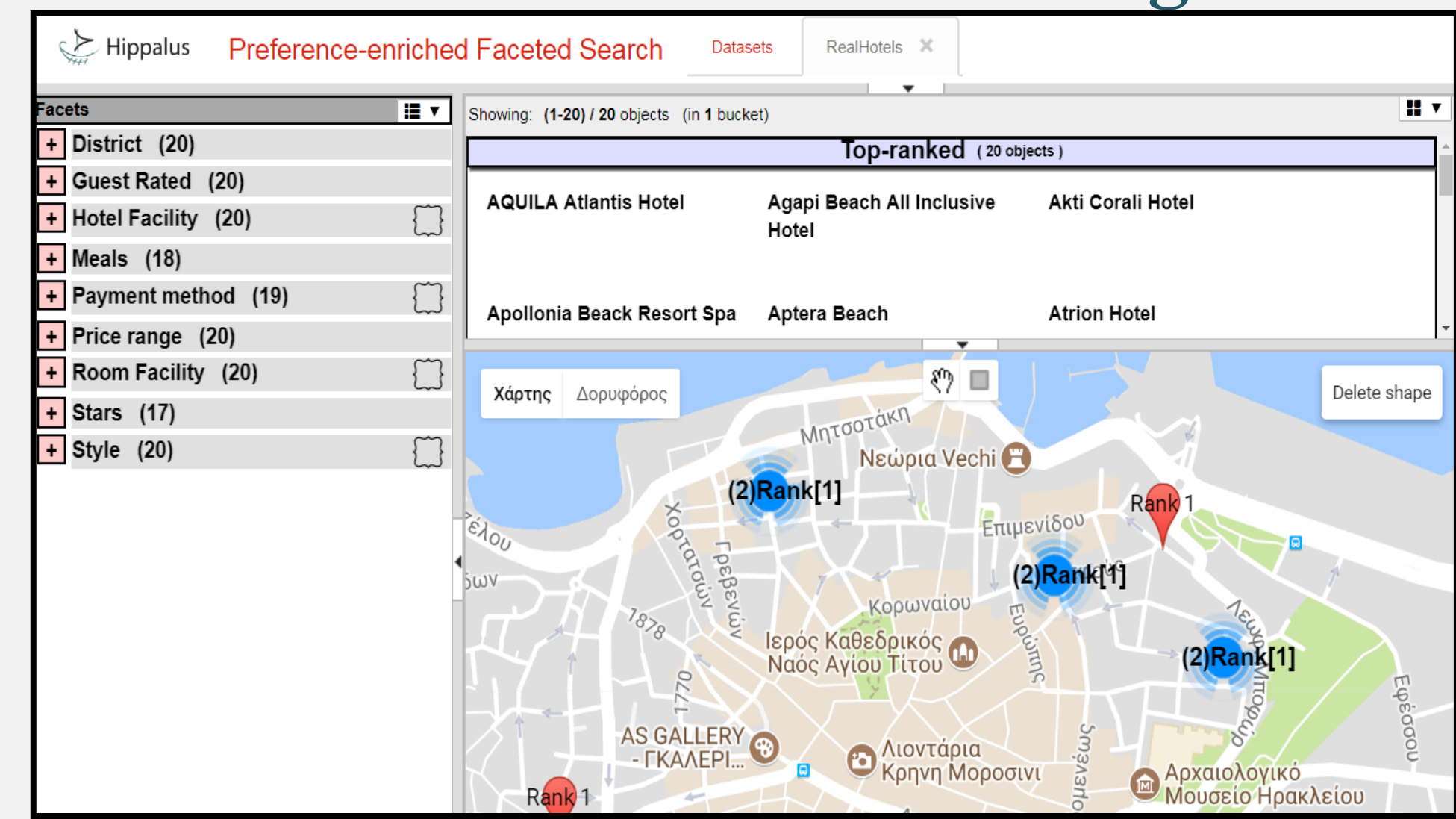
## Art



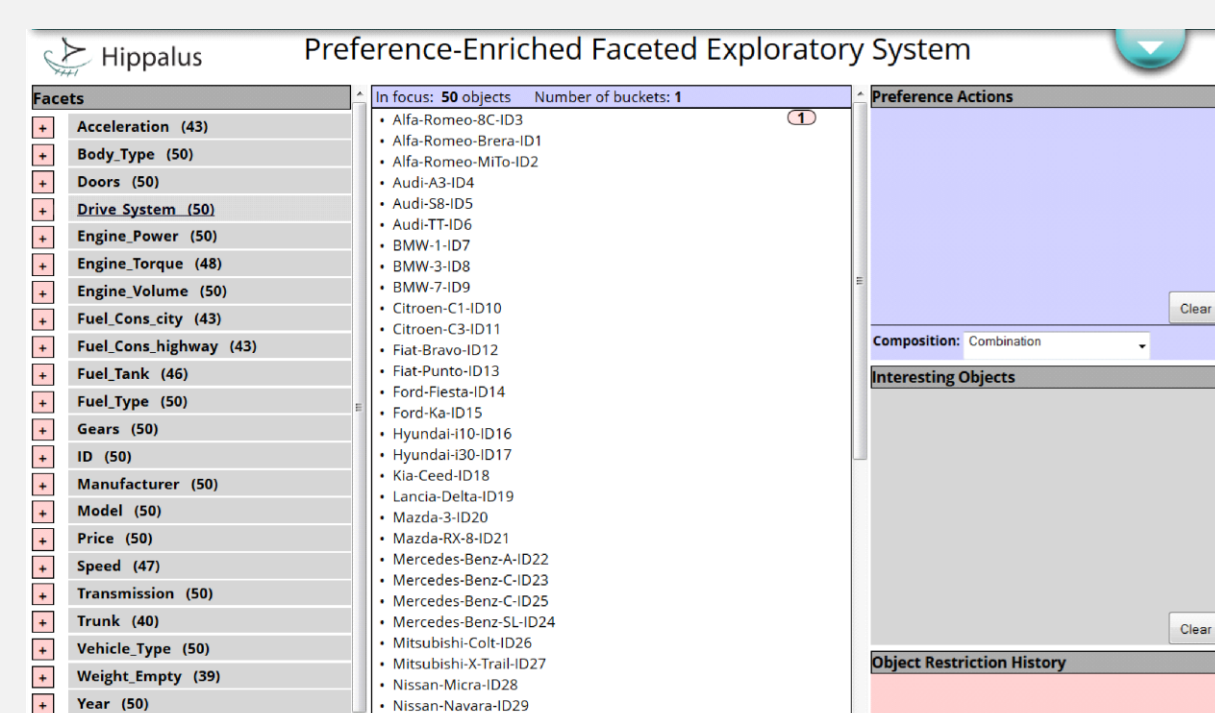
## Education/ IT departments



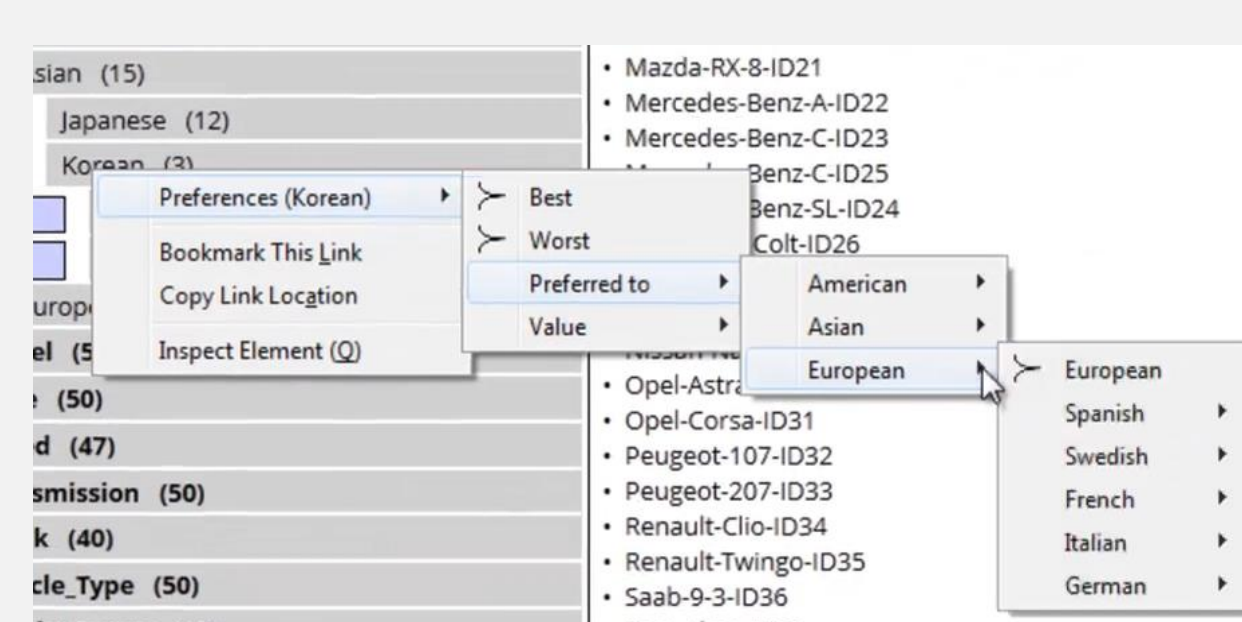
## E-commerce / Booking



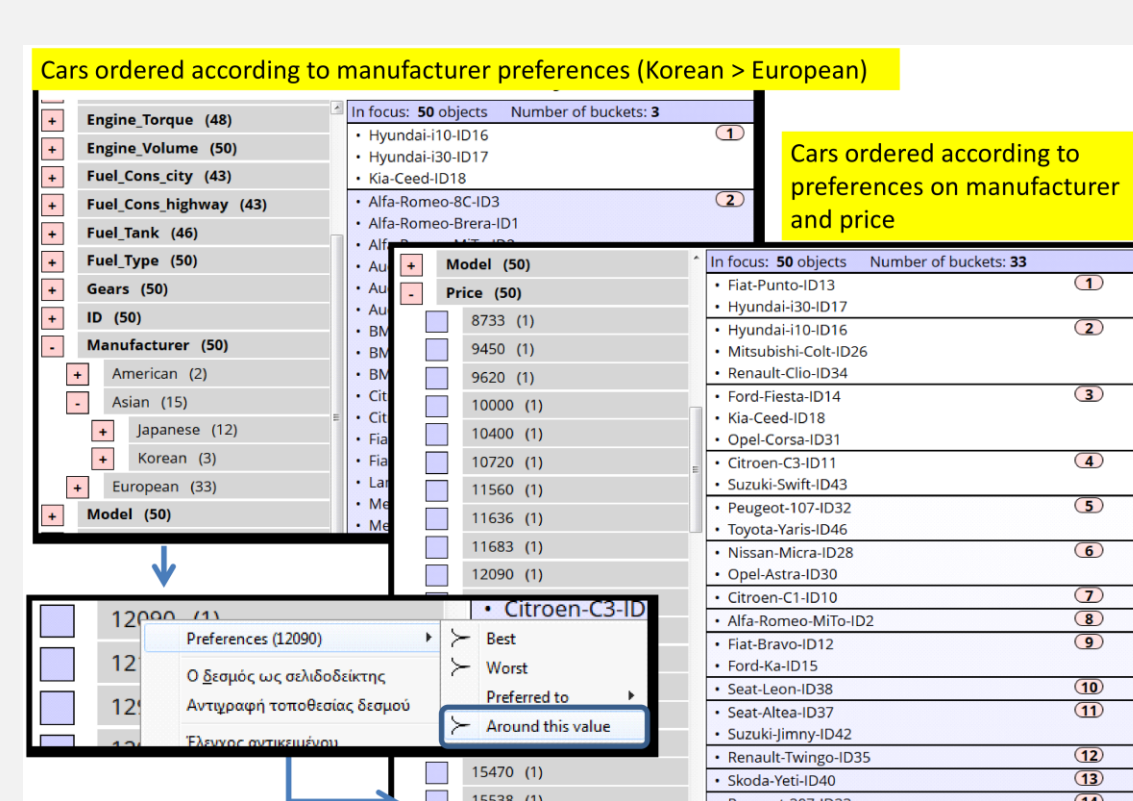
## Example Interaction



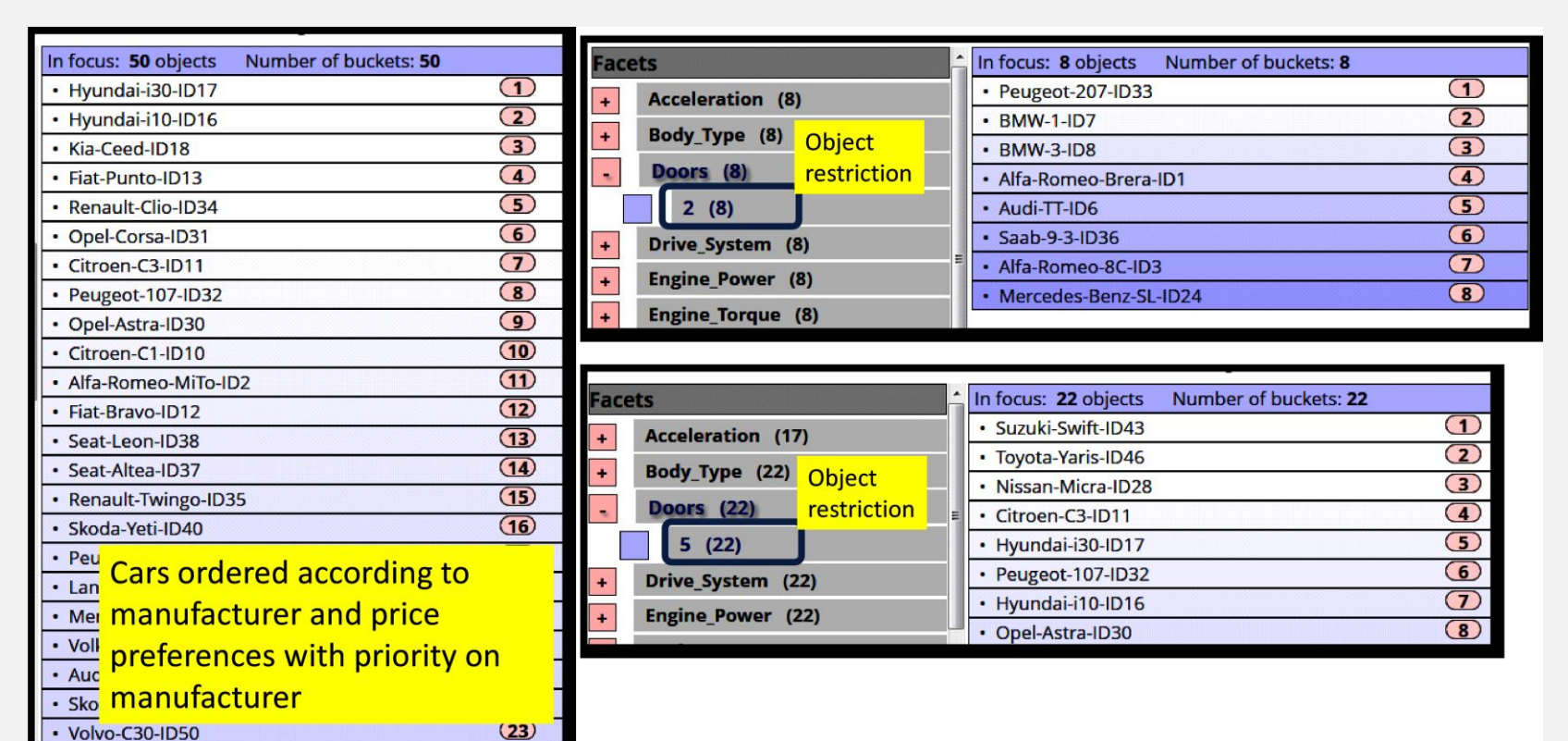
Initial screen of the Hippalus over a collection of cars



Expression of the **relative** preference “Korean preferred to European”



2<sup>nd</sup> preference action (“around to 12090” over **Price** attribute) and ranking of objects using **Combination** composition



Ranking using **Priority** composition of previous 2 preference actions and **object restriction** functionality

## Contact

Panagiotis Papadakos  
Yannis Tzitzikas (coordinator)



<http://www.ics.forth.gr/isl/Hippalus/>