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**Comunidad de Madrid**



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# USING LANDRACES IN AGRICULTURE, FOOD AND COOKING: The experience around a big city in Southern Europe

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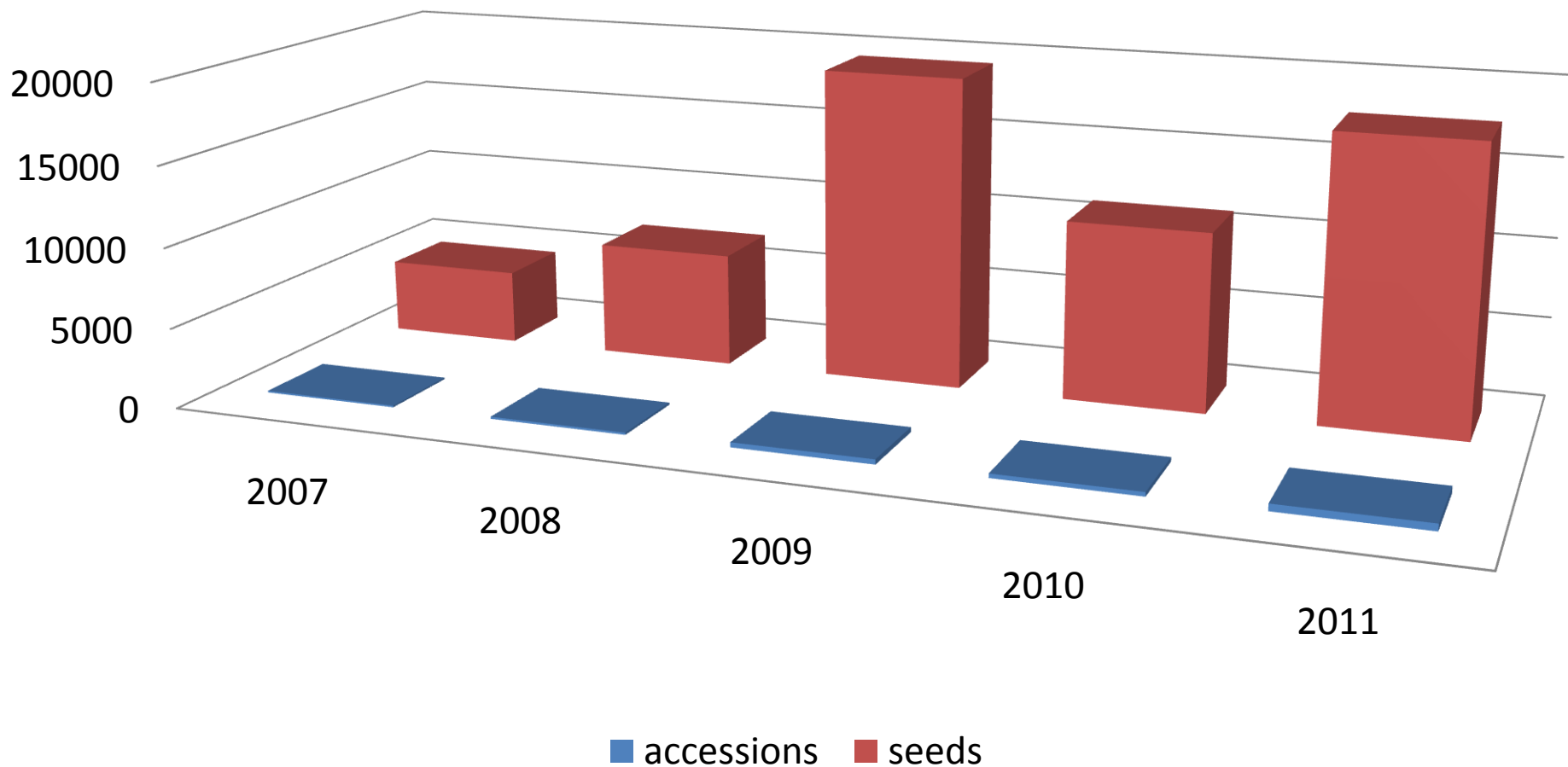
- ✓ germplasm bank with **233** accessions
- ✓ **91%** of them **horticultural landraces**
- ✓ collected 60 km around **Madrid**

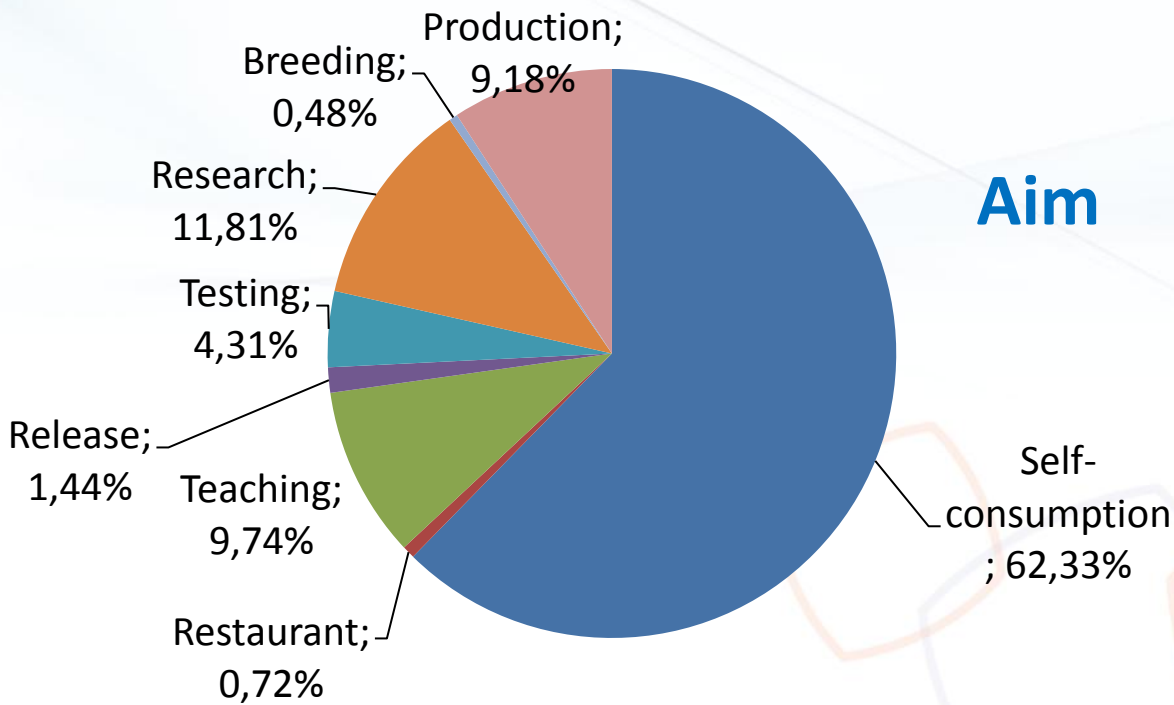
since **1995**



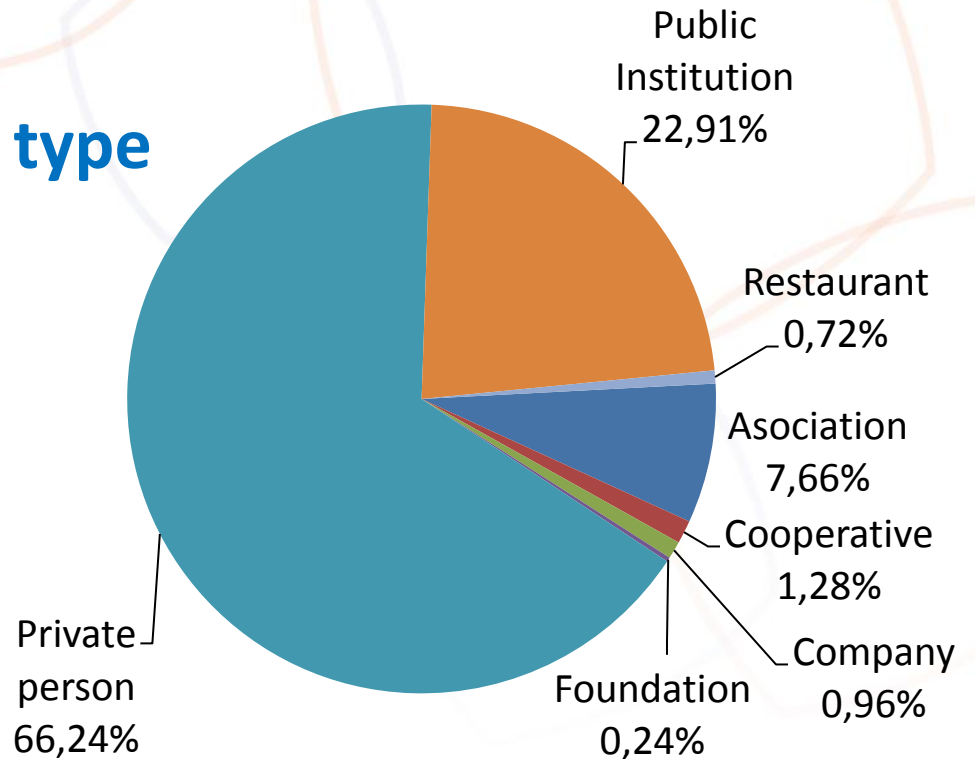
more than **200 users** have demanded **440**  
accessions (close to 20000 seeds) per year

### Supply of plant material

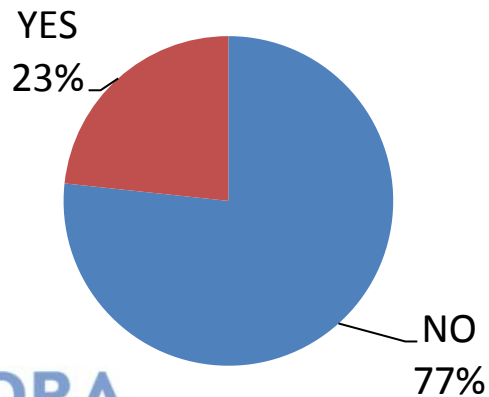




### User type

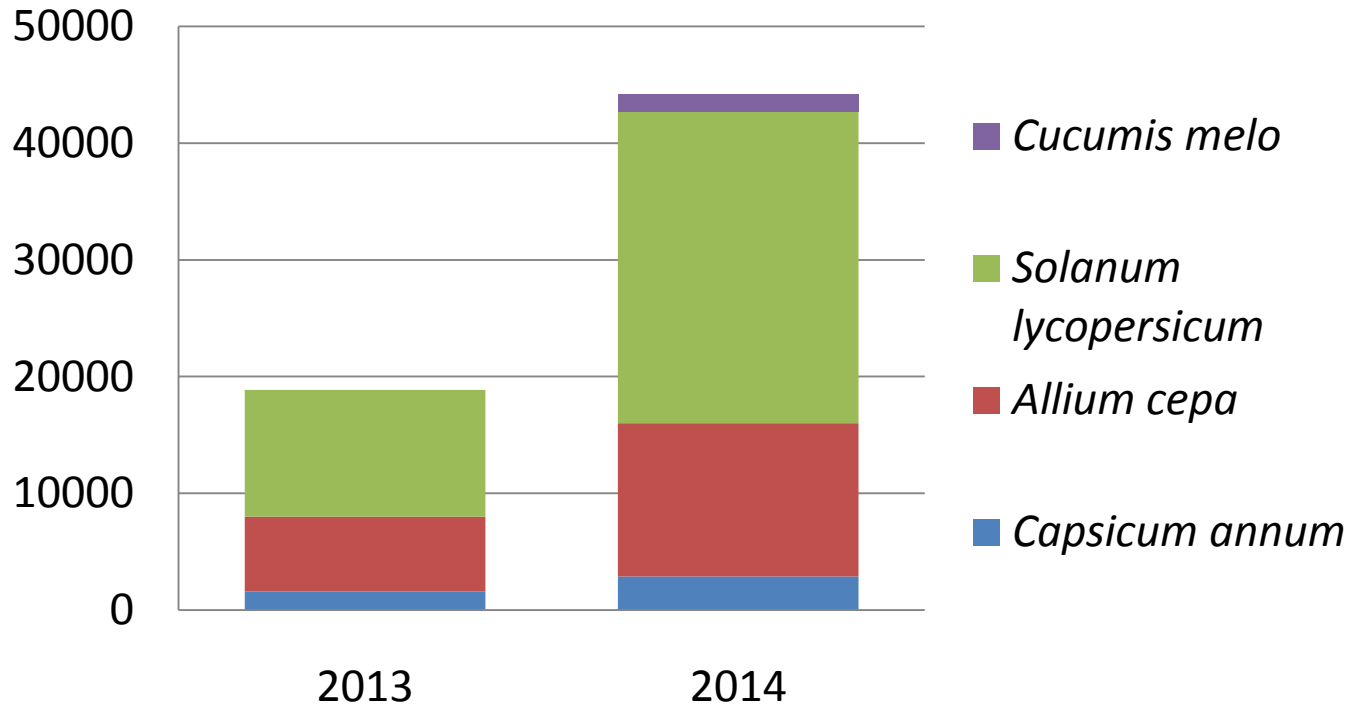


### Organic



since **2013**

### Num. Plants (form 11 accessions)



**NOTE:** Also Material Transfer Agreements with researchers, producers, associations and public institutions



# Restaurants







1



2



3

1. Three **textures**, three **flavors** (sweet tomato flesh in puree, acid gelatin from tomato seeds and aromatic tomato water)
2. Cold tomato soup (tomato, onion and **Mediterranean** spices thoroughly cooked in EVOO at mild temperature, pureed and left to cold)
3. Marinated sardine filet on tomato tartar (tomato, egg, onion, caper, olive, all dressed with an EVOO-based emulsion with spices)





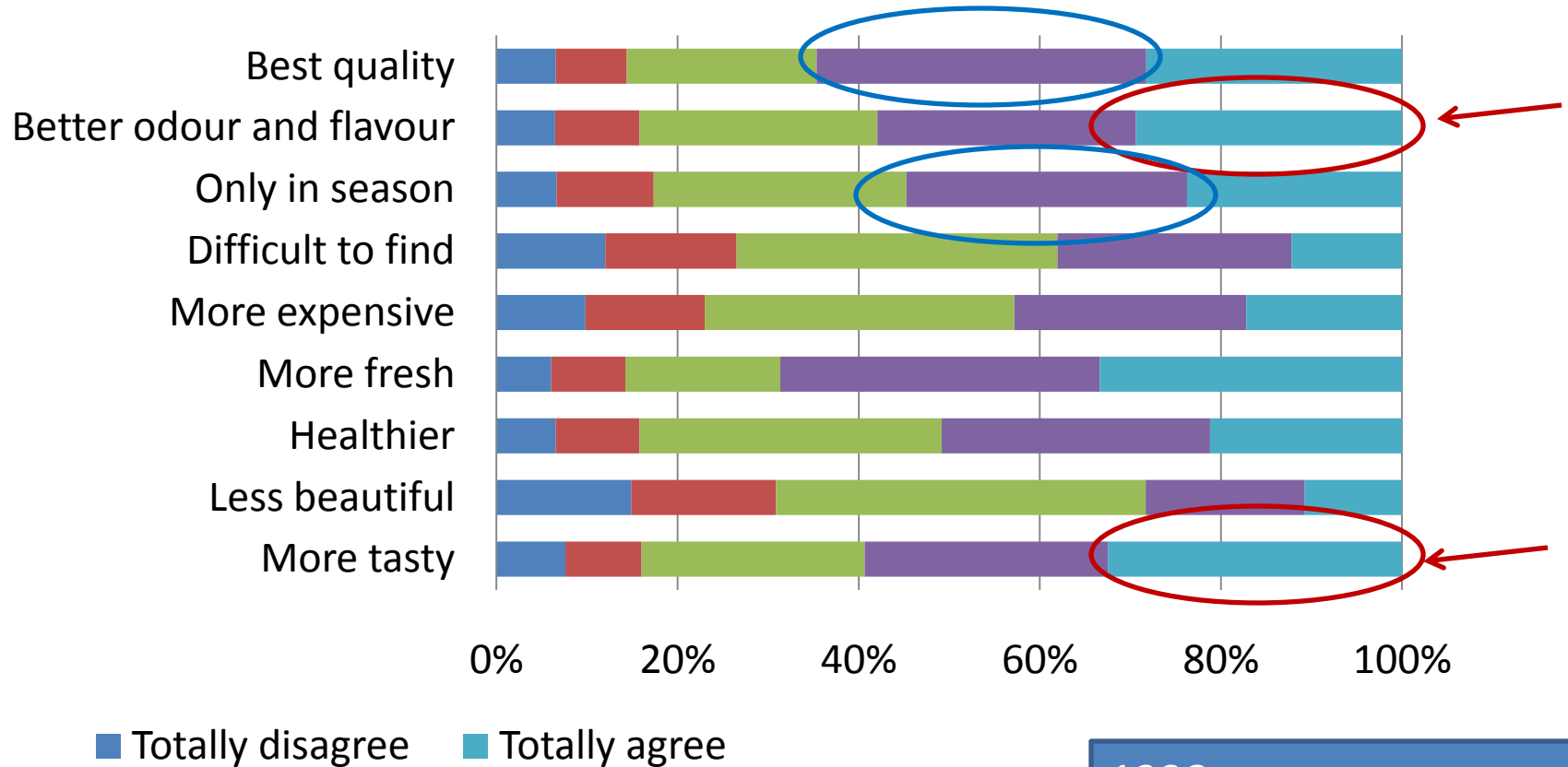
Success

Supermarkets: first experience transferring landraces to the big-chain distribution





# Consumers' perception: strengths and weaknesses



# Conclusions

1. Preservation of PGR for **future** generations is still valid.
2. But also consumers (European citizens) are demanding food **quality, flavours** and textures from those old varieties .
3. These landraces are linked with the tradition and folk gustative **memory**
4. They have a high morphological and sensorial **diversity** .
5. These are some of their strengths in present and future, which may turn these landraces into the basis of **an important** economic and sustainable activity

Thanks!



Isabel Fernández, Almudena Lázaro and Cristina de Lorenzo