

# GOCITRUS



**Innovation for citrus fruit varietal  
identification and management**

# Background



## Spain:

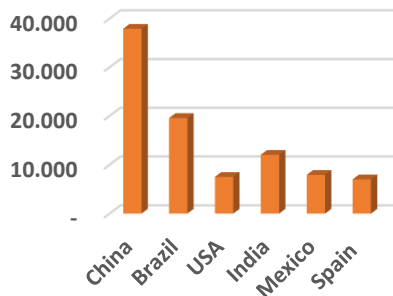
▶ 6<sup>th</sup> world citrus fruit producer

▶ 1<sup>st</sup> fresh citrus fruit exporter

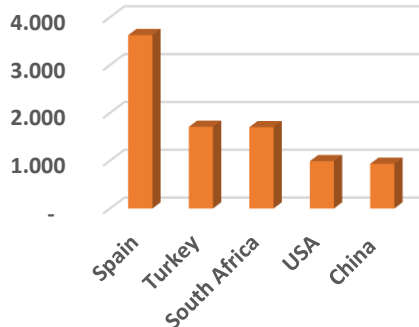
▶ 97% domestic production: Valencian Region, Andalusia and Murcia



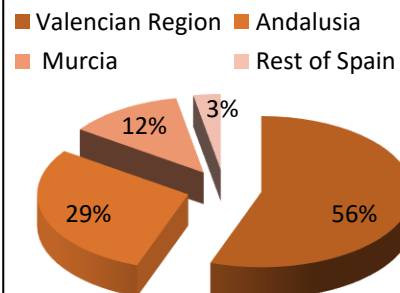
Production (1,000t)



Export (en 1,000 t)



Production (t) 2016



Source: FAOSTAT, MAFF (2016))

# Starting point



Citrus fruit farming is going through an **economic, social and environmental sustainability crisis**. Citrus fruit identification is the main basis for varietal management and planning and one of the most pressing problems in the citrus fruit industry.

The **GOCITRUS Task Force** is advocating a varietal authentication system and associating it with the development of a decision support tool for appropriate varietal choice.

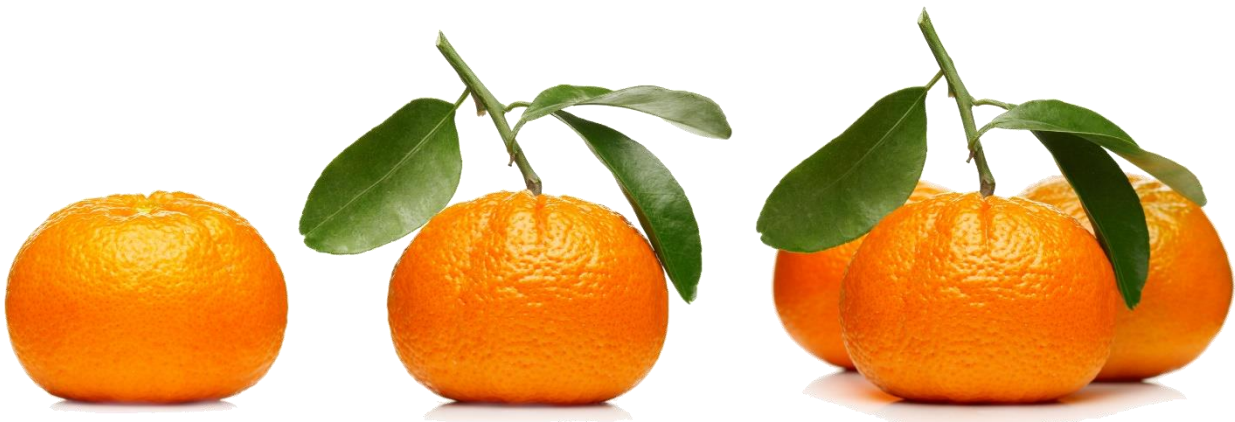


# Objectives



Reorganise and define the **varietal foundations** on which to build the citrus fruit revolution that our production and export sectors have embarked on to meet the challenges and requirements of the new market relationships.

- ▶ Setting up an **identification system** using the Citrusseq genome database.
- ▶ Creating an **app to assist producers in their varietal choice** based on their specific crop conditions.



# Impacts



- ▶ **Eliminating mistakes** in plant material procurement.
- ▶ **Enhancing producer competitiveness** and traceability through certification at each point in the value chain.
- ▶ Supporting **varietal diversification** and farm restructuring and upgrading.



# Impacts



- ▶ Promoting **more efficient and responsible** resource use.
- ▶ Reducing **current plot abandonment** and enhancing landscape preservation with producer farms operating at full capacity.
- ▶ Helping to **lessen erosion and improve soil conservation** and biodiversity.





# Task Forces



***Groups of stakeholders in the agricultural sector** (farmers, stockbreeders, food and forestry industries, R&D centres, associations, etc.).*

*Partnering to **deliver innovation** which resolves a problem or seizes an opportunity using a joint, multi-sector action approach.*

*Supported by the **Spanish National Rural Development Plan**, sponsored and co-funded by the Ministry of Agriculture, Fisheries and Food and the European Union.*

*Thus, GOCITRUS has received funding of 400.025,10 €. An 80% of this budget has been cofunded by the EU through the EAFRD.*

GRUPOS OPERATIVOS



SUPRAAUTONÓMICOS



**PNDR**

Programa Nacional  
de Desarrollo Rural  
2014-2020

# Members



CITRUS  
GENESIS<sup>TM</sup>  
INSPIRING NATURE



ivia  
Instituto Valenciano  
de Investigaciones Agrarias

biovegén  
plataforma tecnológica  
de biotecnología vegetal



The European Agricultural Fund  
for Rural Development:  
Europe investing in rural areas



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PNDR  
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2014-2020