



**Spain 2019**  
**October 1/2**

# **/seventh agrievolution summit**



# /summary

## Specialty crops

- Olive oil
- Wine
- Vegetables
- Stone fruits
- Pome fruits
- Citrics

## Education and training

- Returns of education
- Types of training
- Digital skills
- Recruiting challenge

## Networking

- Manufacturers
- Customers.
- International organizations
- Academia

## Focus on

- Role of mechanization on product quality
- Technology supply and demand
- Training solutions
- Key role of women in mechanization of agriculture

## Mechanization characteristics

Arable crops

Price vs Production  
(necessity goods)

Crop can adapt to machines

Specialty crops

Price vs Quality  
(Luxury goods)

Machines need to adapt to crop

Demand  
(farmers)

Supply  
(manufacturers)

Researchers +  
Policy makers

# /specialty crops

World exports 2005 | 2017

(Source: Comtrade)

Value in 2017 (variation 2005/2017)

## FRUITS

**\$107 billion** ▲ +120%

## OLIVE OIL

**\$8,1 billion** ▲ +61.1%

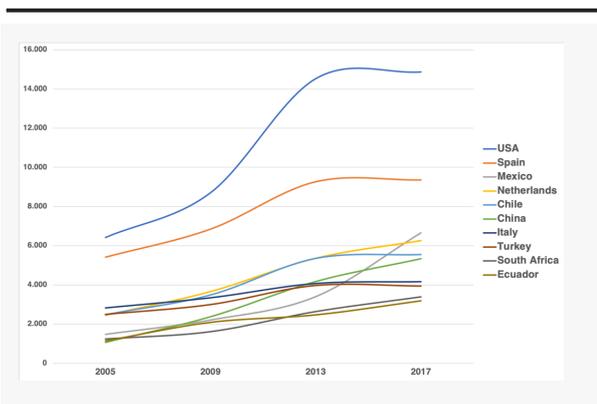
## VEGETABLES

**\$68,7 billion** ▲ +100%

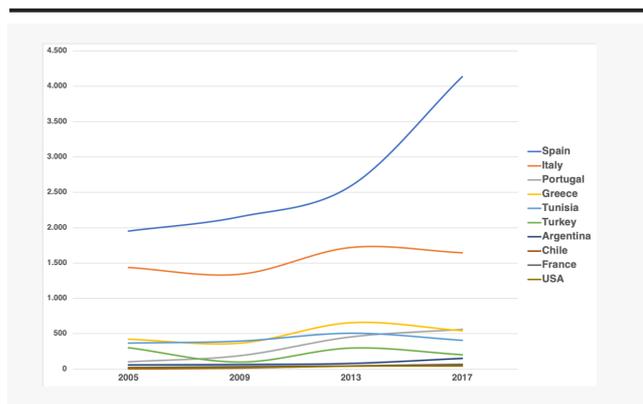
## WINE

**\$32,2 billion** ▲ +70.7%

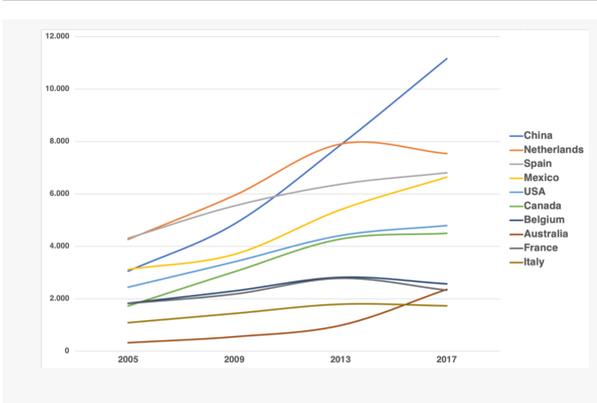
### Exports Fruits



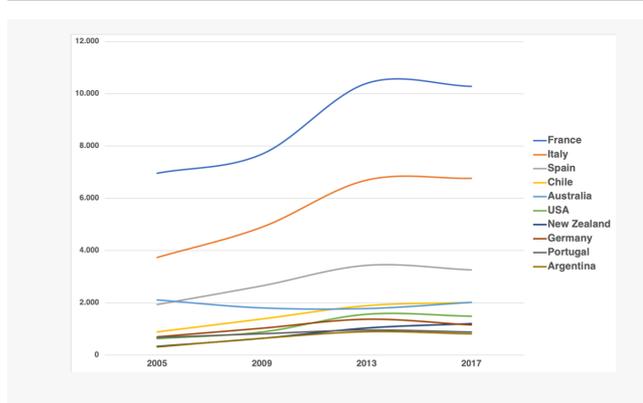
### Exports Olive oil



### Exports Vegetables



### Exports Wine



# /education and training

Build on foundations by linking skills training to jobs | World Bank Development Report

Young people around the world face substantial challenges in their transition from school to work. The learning crisis manifests itself in the labor market. As a result, many become unemployed or stuck in low-wage, unstable, informal-sector jobs that offer them few opportunities to strengthen their skills (but the same can happen even to secondary school graduates, if they cannot fulfill labor market needs).

## Types of training programs

Workplace training can benefit both workers and firms, yet it is not widely available to young adults

Short-term job training programs often have limited impacts, but careful program design could help improve outcomes

Technical and vocational education and training (TVET) offers a viable path, but only when programs are designed and implemented in partnership with employers

## Potential solutions

Establishing partnerships before training is designed

Combining classroom with workplace learning

Identifying capable teachers

Making student support services and comprehensive information available for decision making

Skill Panorama - Agriculture | European Commission

- Agricultural labourers form a small occupational group, equating to less than 1% of total EU-28 employment.
- It is a group that has increased both in size and as a share of the total EU-28 workforce over the last decade; a trend that is forecast to continue to at least 2025.
- While traditionally these workers have tended to hold low level qualifications, by 2025 it is expected that over half of agricultural workers in the EU-28 will have at least medium level qualifications.
- Migrant workers make up a significant proportion of agricultural workers, so communication skills, an understanding of health and safety, and of other regulatory requirements, processes, and procedures are essential.
- As technology impacts on the tools and machines such labourers use, their technical skills will have to improve likewise. Agriculture is at the forefront of sustainable development and labourers will need to adapt and develop their skills to accommodate environmental methods and regulations.

# /seminar Madrid

2019 | October 1st



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## /mechanization



- Current situation and long-term trend of specialty crops
- The role of mechanization in quality outcome
- What do producers need from machinery industry?

## /education



- Linking skills training and education to jobs (a recruiting issue)
- The returns of education - Differences among countries and sectors
- Success stories

# /field day Valencia



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## /demo show



- On field demonstration of mechanization techniques
- Adaptation of machines
- Different types of specialty crops

## /demo farm



- Intensive and superintensive crops
- Post-harvesting
- Customized mechanization



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