

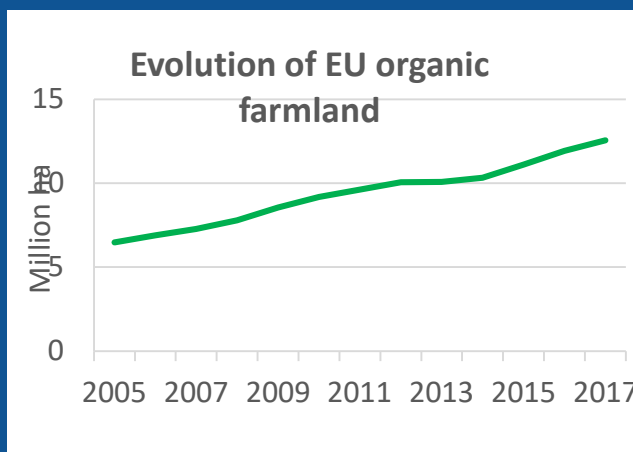


# Importance of Organic Products in EU

## OENOBIO International Conference

University of Agronomical Sciences and Veterinary Medicine  
Bucharest, Romania - 18 November 2019

### Progress and challenges of organic viticulture and winemaking



Denis de Froidmont – European Commission  
DG Agriculture and Rural Development – Unit B.4 Organics

# EUROPE: ORGANIC FARMLAND 2017



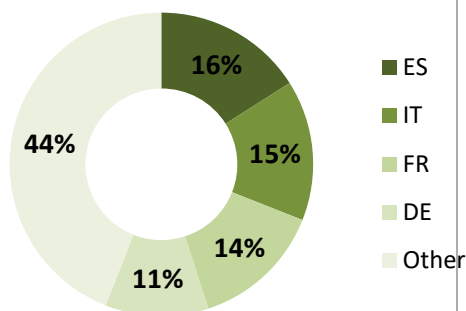
**European Union**  
**12,8**  
**Million ha**

**Spain 2**  
**Million ha**

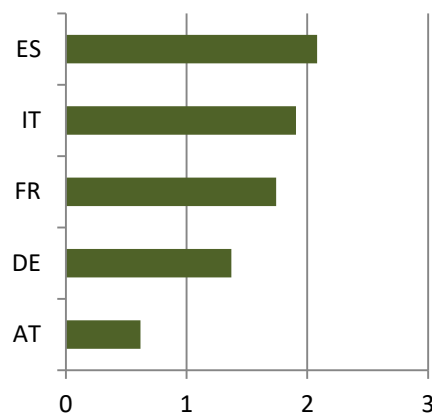
**7,2%**  
**of EU**  
**farmland**  
**is organic**

**+67%**  
**in the**  
**decade**  
**2008-2017**

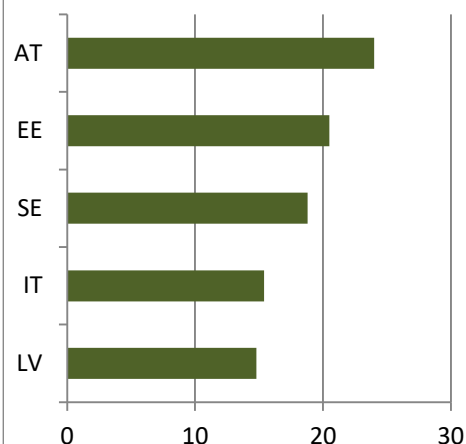
More than half (56%) of EU organic farmland is in 4 countries.



Share of EU organic land 2017



Top 5 countries with the largest areas of organic agricultural land 2017



Eight countries have 10% or more of their agricultural land under organic management.

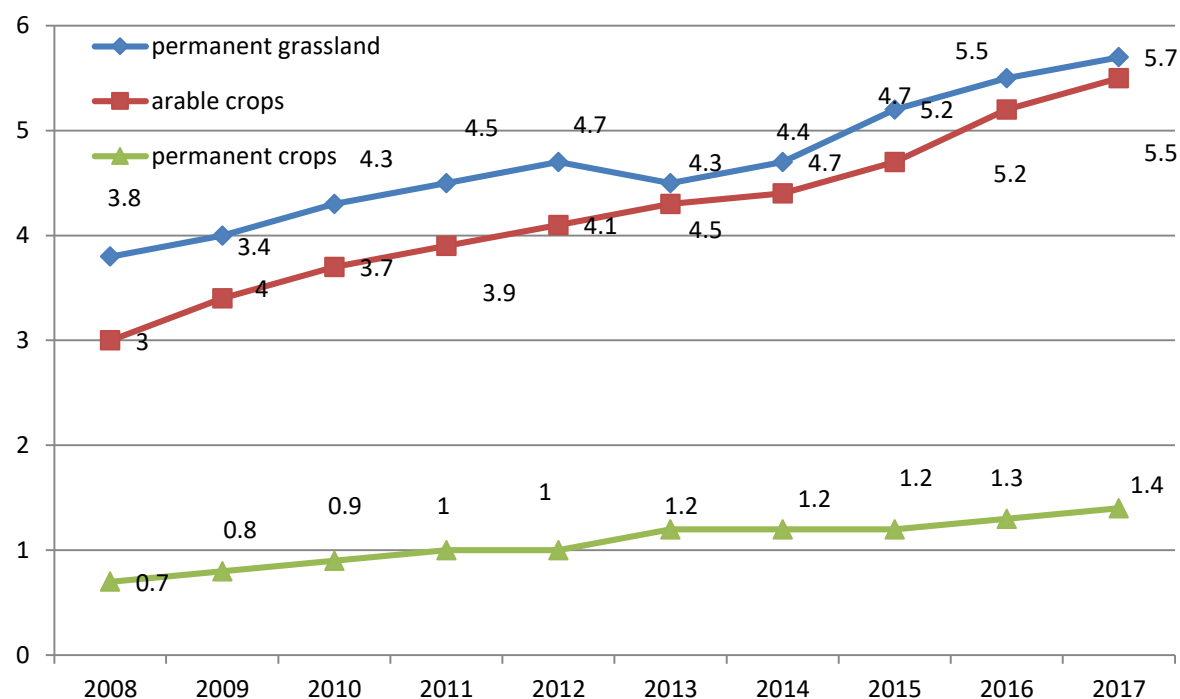
+ 5 million hectares in the decade 2008-2017

In 2017, almost 0.85 million hectares more were reported compared with 2016. (+6,4%)

# EUROPE: ORGANIC FARMLAND 2017



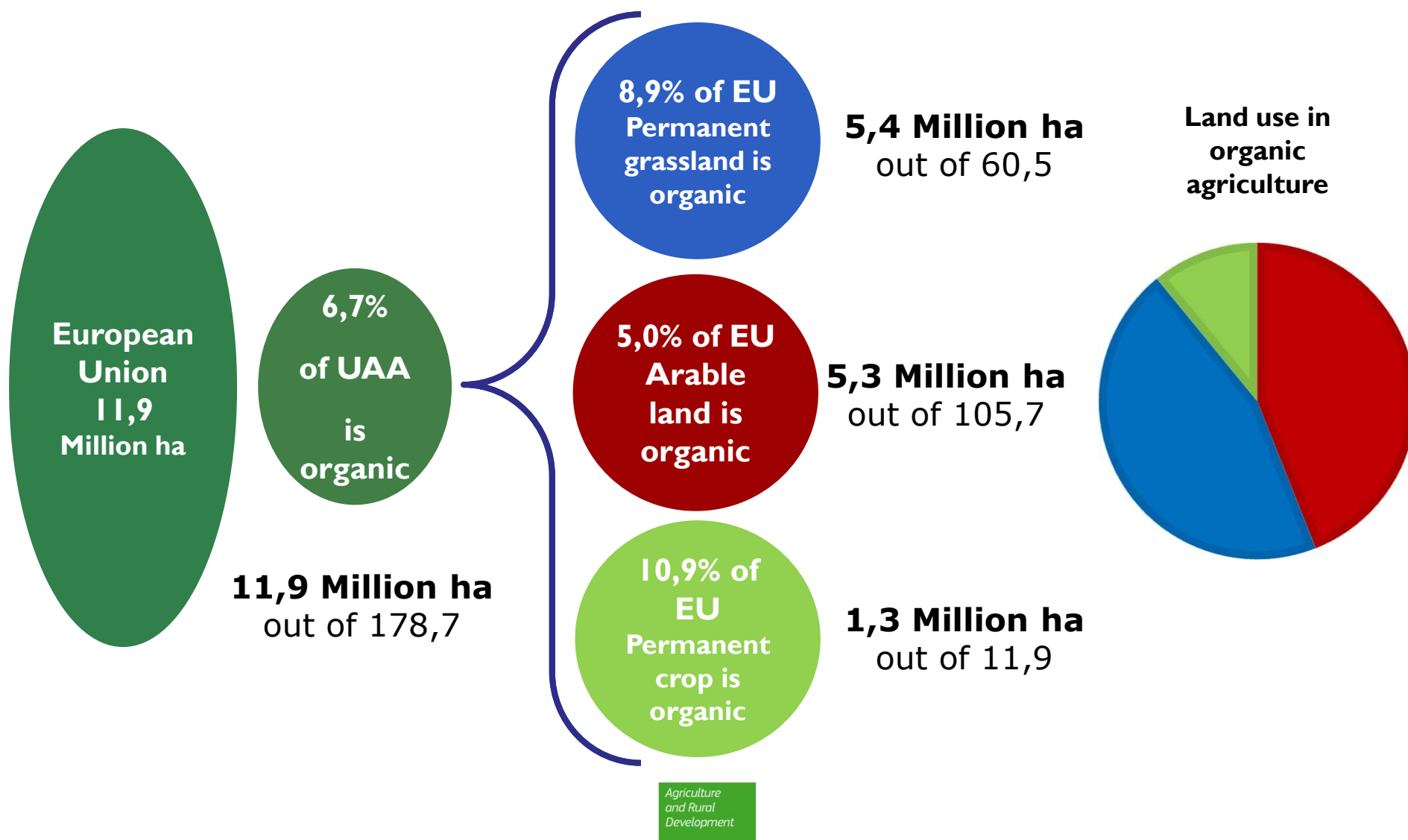
## Evolution of the land use in organic agriculture (million ha)



# EUROPE: ORGANIC FARMLAND 2016



**EUROSTAT**

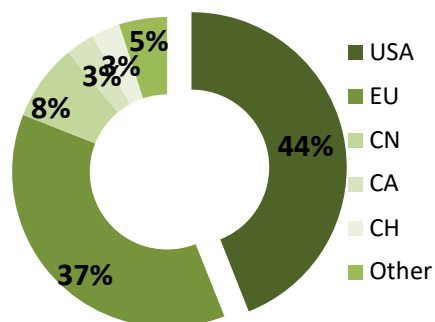


# EUROPE: ORGANIC RETAIL SALES 2016



**European  
Union  
34.2 bio €**

The European Union (34,2 billion €) is the second largest single market after the US (40 billion) and followed by China.

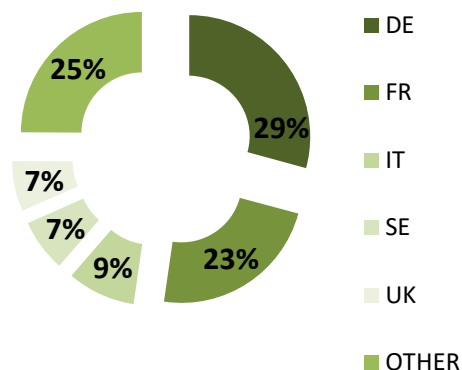


**Distribution of retail sales value worldwide by country 2016**

In 2000 organic market worthed around 6,5 bio euro

**Germany  
10 bio €**

The European countries with the largest markets for organic food are Germany (10 billion €), France (7,9 billion €), Italy (3,1 billion €), and the SE (2,3 billion €).

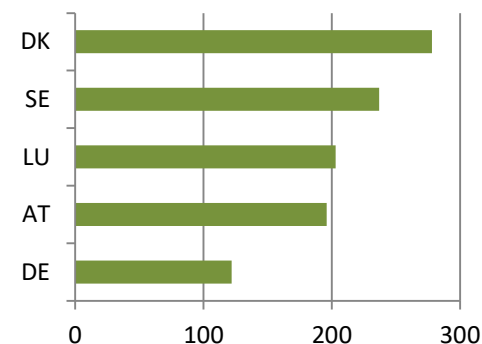


**The countries with the largest markets for organic food 2017**

Agriculture  
and Rural  
Development

**227 €  
are spent  
per person  
in Denmark**

Denmark has the highest per capita consumption of organic food in the EU, followed by Sweden and Luxembourg. 13% of the grocery is organic



**The EU countries with the highest per capita consumption of organic food 2017.**

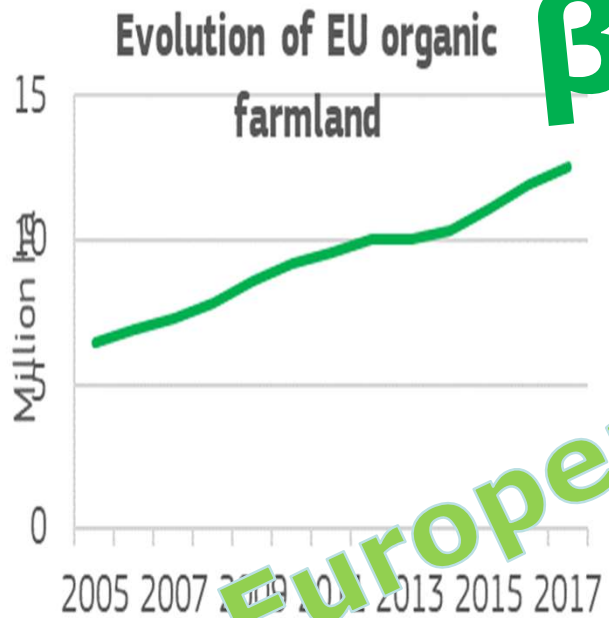
Source: FiBL survey 2018 [www.organic-world.net](http://www.organic-world.net)

BIO



økologisk

βιολογικό



European Success Story

ORGANIC

ECOLOGIC



Agriculture  
and Rural  
Development

# Organic EU legislation - 30 years of experience !



**Council Regulation (EEC) N°  
2092/91 of 24 June 1991**

**Scope and Definitions:** Articles 1  
to 4 (incl 8 definitions)

**Labelling:** Article 5

**Principles and Rules of  
production:** Art 6 and 7 + Annexes  
I, II and VI

**Inspection system:** Art 8 to 10 +  
Annexes III to V

**Imports from third Countries:**  
Art 11

Free movement within the  
Community: Art 12

**Regulation (EU) 2018/848 of the  
European Parliament and of the  
Council of 30 May 2018**

**Scope and Definitions:** Articles 1  
to 3 (incl 75 definitions) + Annex I

**Objectives, principles,  
production rules:** Articles 4 to 29  
+ Annexes II and III

**Labelling:** Articles 30 to 33 +  
Annex IV

**Certification:** Articles 34 to 36 +  
Annex VI

**Official controls:** Articles 37 to 43

**Trade with third countries:**  
Articles 44 to 49

# EU support to the organic sector



## ***1st Pillar***

### Basic Payment Scheme / Single Area

Payment Scheme (€/ha with **cross compliance**:  
Statutory Management Requirements (SMRs) = in  
particular: **animal welfare, nitrate directive,**  
**sustainable use of pesticide Directive** and **Good**  
**Agricultural and Environmental Conditions (GAEC)**)

Greening (up to 30 % of the direct payment):  
**crop diversification, maintaining existing**  
**permanent grassland and having ecological focus**  
**area**

Redistributive payment, Young farmer payment





# EU support to the organic sector



## ***2nd Pillar - Rural Development***

*In particular: Specific measure for maintaining organic farming or converting to organic practices:*

*Compensation for cost incurred and income forgone*

*And other Rural Development measures such as:*

*Knowledge transfer and information; Advisory services; Investments; Cooperation;....*



## ***Promotion policy***

*Co-financing promotion programmes to increase consumption and gain new markets, in particular the promotion of Union quality schemes*

# EU Research projects



## In particular, dedicated organic projects on vine and wine:

**INNOVINE**, 2013-2016, innovative viticulture systems, design and test novel agronomic practices and decision support systems and exploit the genetic diversity of grapevine

<https://cordis.europa.eu/project/rcn/104501/brief/en> 5 999 990 €

**CO-FREE**, 2012-2016, new strategies to reduce the use of **copper** in pesticides and make them more environmentally friendly

<https://cordis.europa.eu/project/rcn/101750/brief/en> 2 999 895 €

**ProEcoWine**, 2012-2014, **microalgae concentrate against downy mildew** and botrytis

<https://cordis.europa.eu/project/rcn/105762/brief/en> 1 146 000 €

**VINTAGE**, 2011-2015, A new decision support tool that incorporates remote sensing, satellite data and weather station forecasts is helping Europe's vineyards become more productive

<https://cordis.europa.eu/project/rcn/101471/brief/en> 2 153 311 €

**SAFEGRAPE**, 2009-2011, Biosensor to detect Botrytis cinerea

<https://cordis.europa.eu/project/rcn/107644/brief/en> 1 005 500 €

**BCA\_GRAPE**, 2008-2011, 'New **biocontrol agents for powdery mildew** on grapevine'

<https://cordis.europa.eu/project/rcn/97581/brief/en> 770 000 €

# EU Research projects



**RELACS**, 2018-2022, Replacement of Contentious Inputs in organic farming Systems (e.g. **copper**)

<https://cordis.europa.eu/project/rcn/215947/factsheet/en> 3 999 674 €

**Organic-Plus**, 2018–2022, Pathways to phase-out contentious inputs from organic agriculture in Europe

<https://cordis.europa.eu/project/rcn/215946/factsheet/en> 4 091 526 €

**Clim4Vitis**, 2018-2021, Climate change impact mitigation for European viticulture: knowledge transfer for an integrated approach

<https://cordis.europa.eu/project/rcn/217799/factsheet/en> 999 988 €

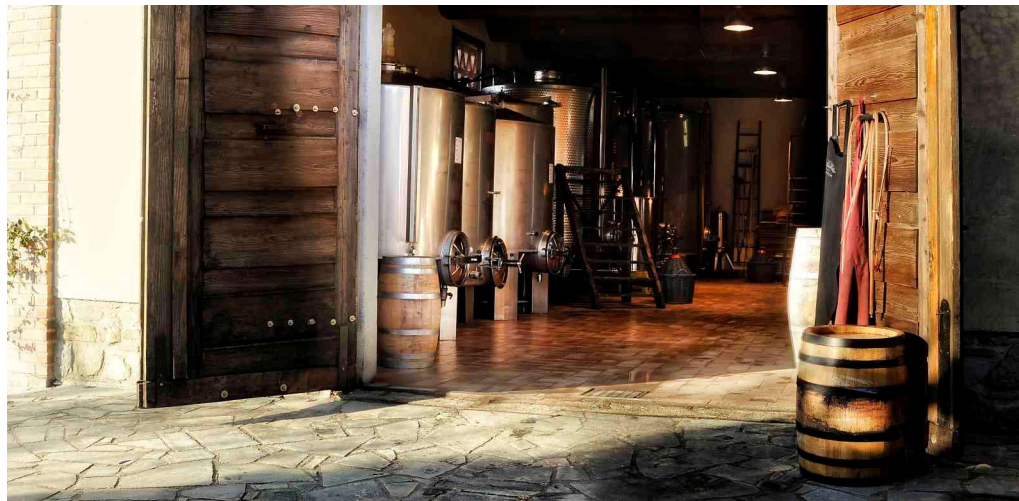
**WINETWORK**, 2015-2017, A European network for sharing information and identifying promising solutions to tackle vineyard diseases

<https://cordis.europa.eu/project/rcn/194794/brief/en> 1 999 221 €

**CORE ORGANIC PLUS**, 2013 – 2018, European Transnational Research in Organic Food and Farming Systems

<https://cordis.europa.eu/project/rcn/111296/reporting/en> 2 999 999 €

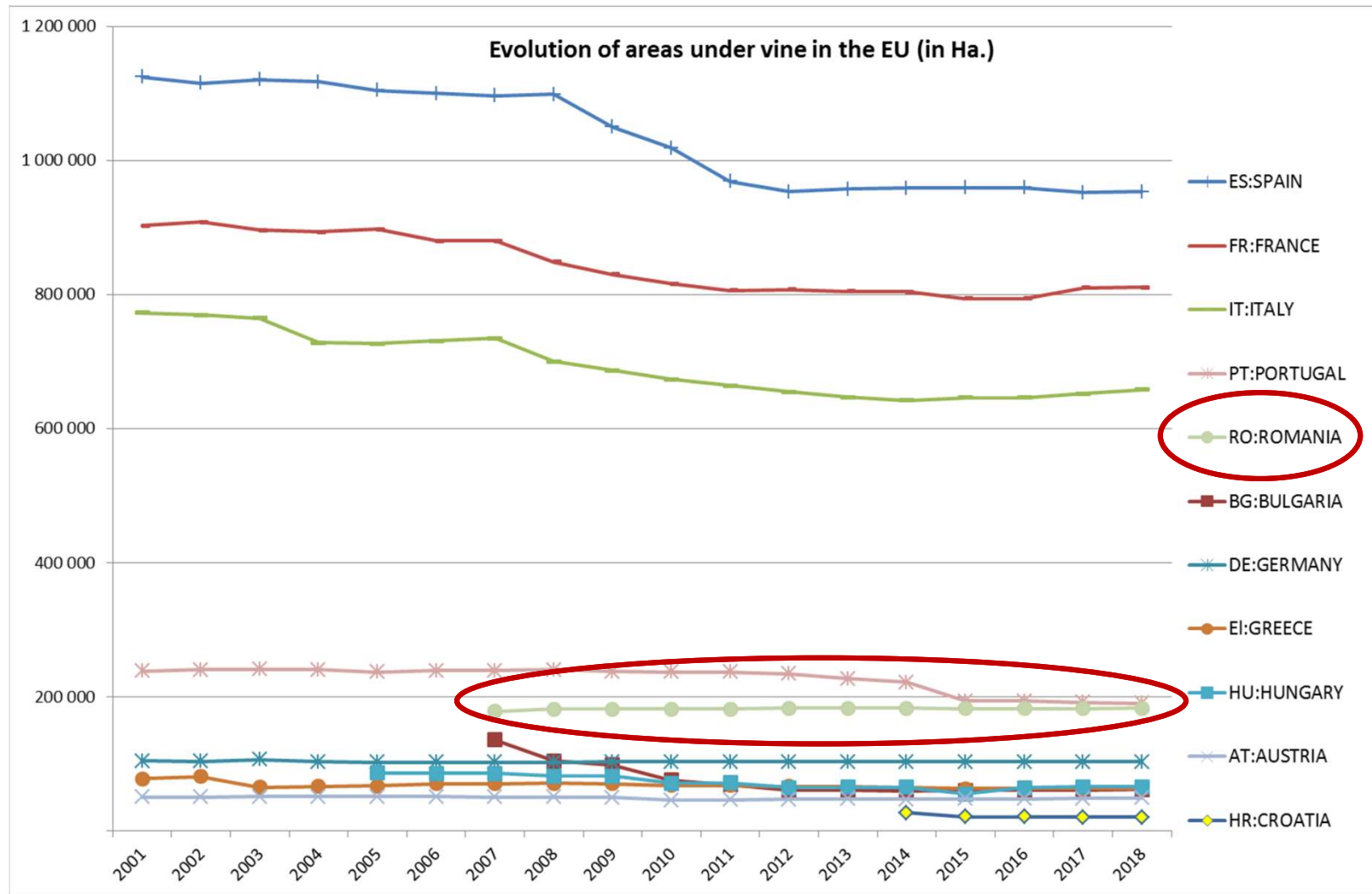
# Organic Vine and Wine



Agriculture  
and Rural  
Development

# Total areas under vine

## Total EU 2018: 3 215 549 Ha



EUROSTAT 2017, Ha					
	total Grapes	Grapes for wine	Grapes for table use, for raisins...	organic grapes converted and under conversion	% organic grapes
BG	34 110	31 980	2 130	4 092	12,0%
CZ	15 810	15 810	0	788	5,0%
DE	100 100	100 260	0	7 201	7,2%
EL	101 750	61 780	39 960	4 424	4,3%
ES	937 760	921 650	16 120	106 897	11,4%
FR	750 460	745 230	5 230	78 502	10,5%
IT	675 260	634 120	43 140	105 000	15,5%
CY	5 930	5 310	620	264	4,5%
LU	1 260	1 260	10	123	9,8%
HR	21 900	21 600	300	1 010	4,6%
HU	67 080	63 850	3 230	1 716	2,6%
MT	680	640	50	9	1,3%
AT	48 050	48 050	0	5 663	11,8%
PT	178 840	176 810	2 040	3 504	2,0%
RO	175 320	168 450	6 870	2 169	1,2%
SI	15 860	15 840	20	561	3,5%
SK	8 470	8 280	190	124	1,5%
EU	3 138 640	3 020 920	119 910	322 047	10,3%

# Specific principles



*Article 6 of Regulation 2018/848, **Specific principles** applicable to agricultural activities.*

*In particular:*

*a) the maintenance and enhancement of **soil life and natural soil fertility**, soil stability, soil water retention and **soil biodiversity**, preventing and **combating** loss of soil organic matter, **soil compaction** and soil erosion, and the **nourishing of plants primarily through the soil ecosystem**;*



# Specific principles



*Article 6 of Regulation 2018/848 - **Specific principles** applicable to agricultural activities,  
In particular:*

*d) the maintenance of plant health by **preventing measures**, in particular the choice of **appropriate species, varieties** or heterogeneous material **resistant to pest and diseases**, appropriate crop rotations, **mechanical and physical methods** and **protection of the natural enemies of pests**;*



# Specific principles



*Article 6 of Regulation 2018/848 - **Specific principles** applicable to agricultural activities,  
In particular:*

*f) in the choosing of **plant varieties**, having regard to the particularities of the specific organic production systems, **focussing on agronomic performance, disease resistance, adaptation to diverse local soil and climate conditions** and respect for the natural crossing barriers;*

# General production rules



*In particular: Article 9(3) of Regulation 2018/848:*

***For the purposes and uses referred to in Articles 24 and 25 and in Annex II, only products and substances that have been authorised pursuant to those provisions may be used in organic production, provided that their use in non-organic production has also been authorised in accordance with the relevant provisions of Union law and, where applicable, in accordance with national provisions based on Union law.***

# Production rules



*In particular: Article 24(1)(a) and (b) of Regulation 2018/848:*

*1. The **Commission may authorise** certain products and substances for use in organic production, **and shall include** any such authorised products and substances **in restrictive lists**, for the following purposes:*

*(a) as **active substances to be used in plant protection products**; (annex II of Regulation 889/2008)*

*(b) as **fertilisers, soil conditioners and nutrients**; (annex I of Regulation 889/2008)*

# Detailed production rules



*Annex II, Part I of Regulation 2018/848, in particular:*

*1.6. All plant production techniques used **shall prevent or minimise any contribution to the contamination of the environment.***

## **1.9. Soil management and fertilisation**

*1.9.1. In organic plant production, tillage and **cultivation practices shall be used that maintain or increase soil organic matter, enhance soil stability and soil biodiversity, and prevent soil compaction and soil erosion.***

# Detailed production rules



*Annex II, Part I of Regulation 2018/848, in particular:*

## ***Soil management and fertilisation***

***1.9.2 The fertility and biological activity of the soil shall be maintained and increased:***

***(b) in the case of greenhouses or perennial crops other than forage, by the use of short-term green manure crops and legumes as well as the use of plant diversity; and***

***(c) in all cases, by the application of livestock manure or organic matter, both preferably composted, from organic production.***

# Detailed production rules



*Annex II, Part I of Regulation 2018/848, in particular:*  
***Soil management and fertilisation***

**Where the nutritional needs of plants cannot be met by the measures provided for in points 1.9.1 and 1.9.2, only fertilisers and soil conditioners that have been authorised pursuant to Article 24 for use in organic production shall be used, and only to the extent necessary. Operators shall keep records of the use of those products.**

*(correspond to annex I of Regulation 889/2008)*

# Detailed production rules



*Annex II, Part I of Regulation 2018/848, in particular:*

## **1.10. Pest and weed management**

*1.10.1. The **prevention** of damage caused by pests and weeds **shall rely primarily on the protection by:***

- **natural enemies,***
- **the choice of** species, **varieties** and heterogeneous material,*
- crop rotation,*
- **cultivation techniques** such as biofumigation, **mechanical and physical methods**, and*
- thermal processes such as solarisation and, in the case of protected crops, shallow steam treatment of the soil (to a maximum depth of 10 cm).*

# Detailed production rules



*Annex II, Part I of Regulation 2018/848, in particular:*

## ***Pest and weed management***

***1.10.2. Where plants cannot adequately be protected from pests by measures provided for in point 1.10.1 or in the case of an established threat to a crop, only products and substances authorised pursuant to Articles 9 and 24 for use in organic production shall be used, and only to the extent necessary. Operators shall keep records proving the need for the use of such products.***

*(correspond to annex II of Regulation 889/2008)*



# Wine production rules



## ***Regulation (EU) 2018/848 of the European Parliament and of the Council, in particular Articles 18 and 28, and Part VI of Annex II***

- *~ = current situation.*
- *Only few changes:*
- ***Limitation*** on processes/treatments are mentioned in points 3.2 (prohibition) and 3.3 (specific restrictions) of Part VI of Annex II
- *Same limitation as the existing ones but*

There is no empowerment to the Commission to modify or to derogate to the prohibitions set in point 3.2 (*e.g.: prohibition on electrodialysis to ensure tartaric stabilisation*). There is only the possibility to add prohibited processes/treatments.

Point 3.3 limit in particular the heat treatment up to 75°C (currently up to 70°C).

# Wine production rules



***Restrictive list*** of authorised products/substances (additives and processing aids in particular) will be published in an implementing act, in accordance with Article 24.9 of Regulation 2018/848.

This list will correspond to the current Annex VIIa to Regulation 889/2008 and should be published in June 2020.

- New substances might be added by the Commission based on:
  - motivated demand(s) of the MS, of the sector,
  - Positive evaluation by EGTOP, based on the Commission mandate,
  - In accordance with the opinion of the Committee on Organic Production.



# Thank you for your attention

