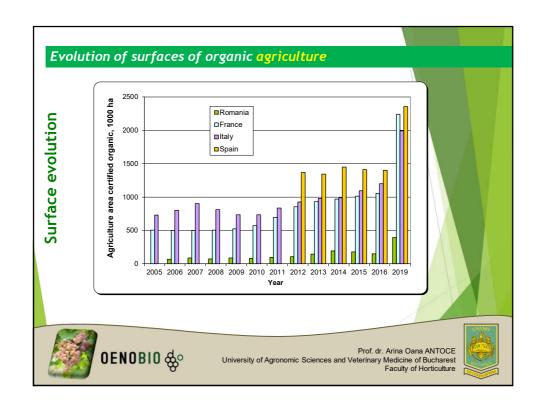
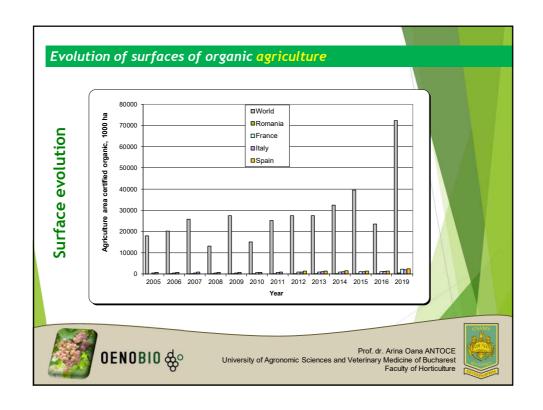
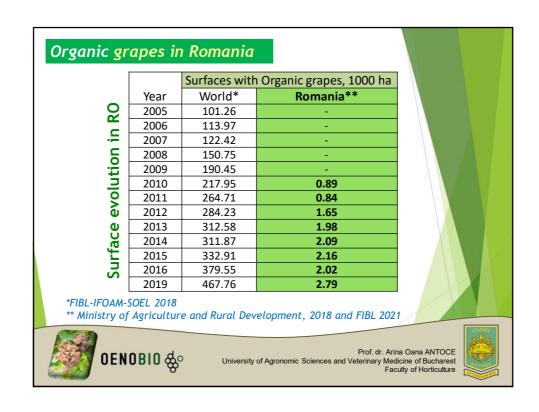
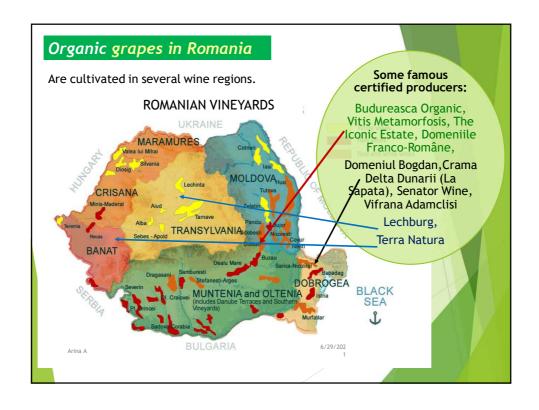


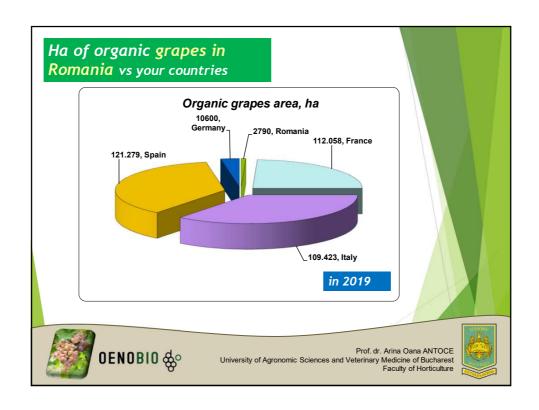
	Surfaces of organic agriculture, million ha*							
	Year	World	Romania	France	Italy	Spain	Germany	
_	2005	31.51	0.09	0.55	1.07	0.62	0.81	
evolution	2006	32.30	0.11	0.55	1.15	0.74	0.83	
Ĕ	2007	33.42	0.13	0.55	1.15	0.81	0.87	
⊒	2008	36.46	0.14	0.58	1.00	1.13	0.91	
9	2009	38.72	0.17	0.68	1.11	1.33	0.95	
_	2010	37.20	0.18	0.85	1.11	1.43	0.99	
O O	2011	38.46	0.23	0.97	1.10	1.63	1.02	
ğ	2012	39.54	0.29	1.03	1.17	1.76	1.03	
	2013	37.97	0.30	1.06	1.32	1.61	1.05	
Surfa	2014	47.24	0.29	1.12	1.39	1.66	1.05	
	2015	52.90	0.25	1.32	1.49	1.97	1.09	
	2016	65.25	0.23	1.53	1.80	2.02	1.14	
	2019	72.29	0.40	2.24	1.99	2.35	1.61	
			1x	6x	5x	6x	4x	
	sel	ection from	FAOSTAT, 20	18 and Fl	BL survey	2021	A	
18	2							

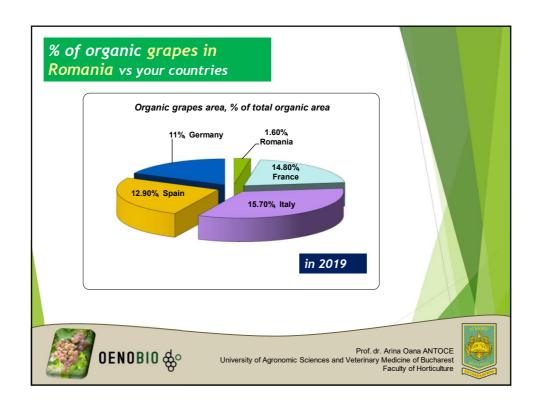














## Regulations of organic vine production

Are, of course, about reducing the usage of synthetic or less desirable products.

The **regulations** on organic production (EC 889/2008; EC 834/2007) are now **very clear on the types of products to be used or prohibited** 

Dosage of certain products are closely supervised and reduced wherever possible.

• Thus, the dosage of copper, a controversial fungicide widespread in organic farming, especially because it accumulates in soils, will be further reduced, as at the end of 2018 the European Commission revised its usage and decided that the authorised doses in viticulture should be lowered from 6 to 4 kg/ha/year (average of 7 years).

\*EFSA's copper evaluation guideline is under revision too



Vine Regulations

Vine Regulations

Prof. dr. Arina Oana ANTOCE University of Agronomic Sciences and Veterinary Medicine of Bucharest Faculty of Horticulture



## Regulations of organic vine production

- But organic production is not only about reducing the usage of certain chemicals.
  - Preservation of soil quality is one of the major objectives of organic farming.

Döring et al. reviewed in 2015 the results of several previous researches, concluding that for various types of crops the soil organically farmed

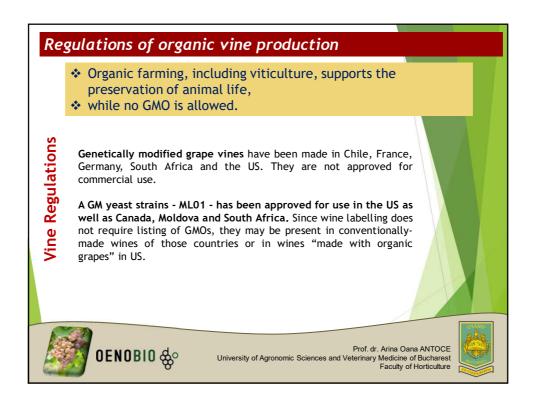
- is of higher quality,
- preserves a higher content of organic matter,
- has more biological activity,
- is less eroded and
- has lower bulk density.

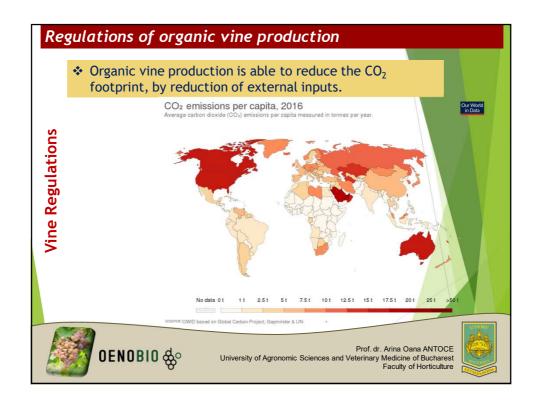
Even though it does not directly apply to grape growing, it is worth mentioning that in the legislation the hydroponic culture is not considered organic, as it is done without soil.

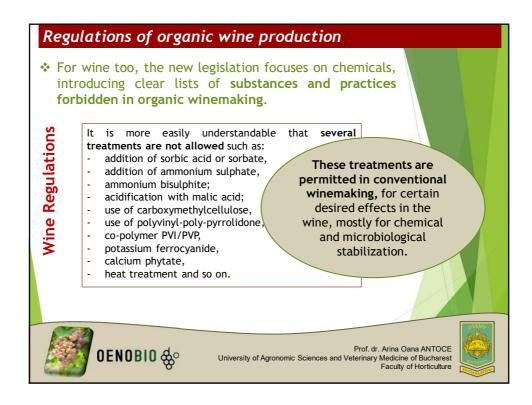


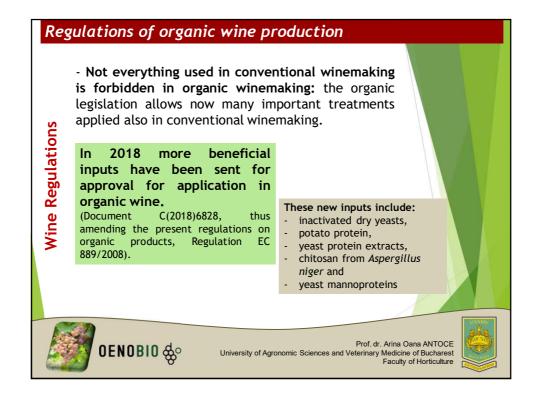
Prof. dr. Arina Oana ANTOCE University of Agronomic Sciences and Veterinary Medicine of Bucharest Faculty of Horticulture

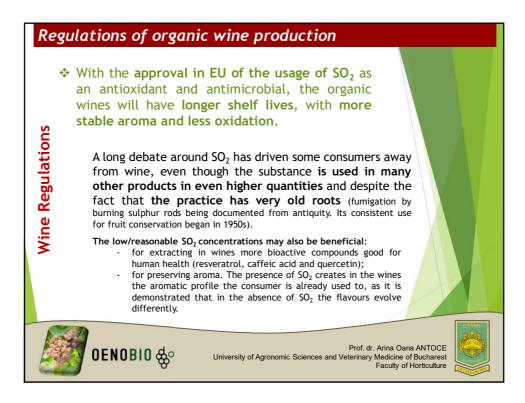


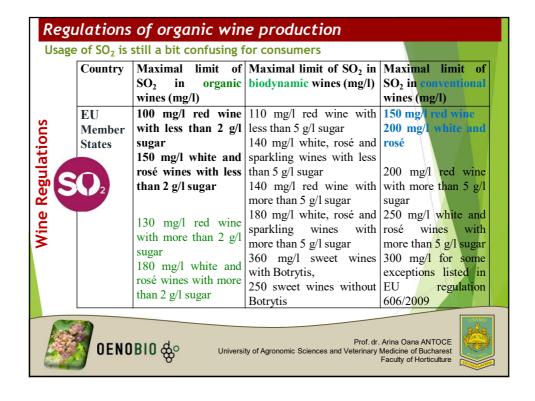


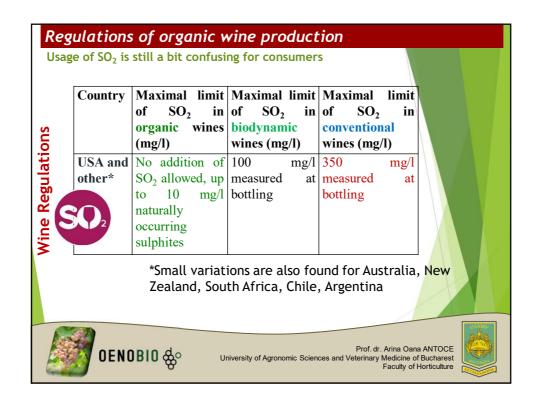


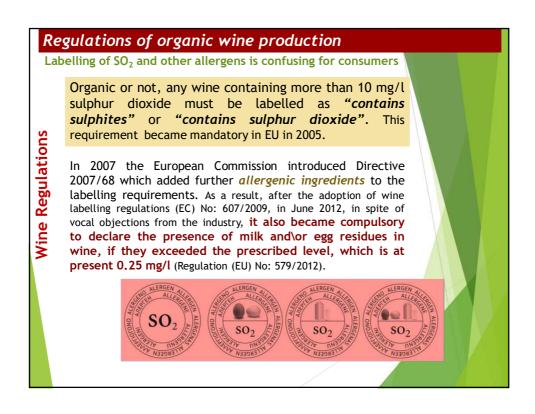


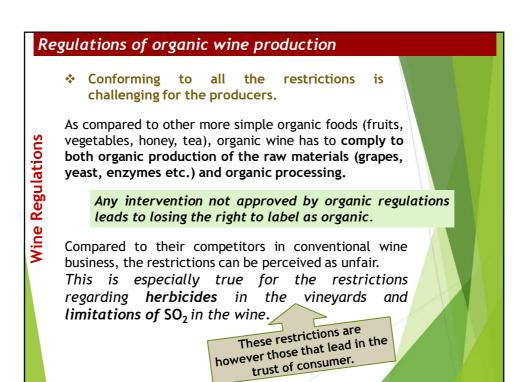


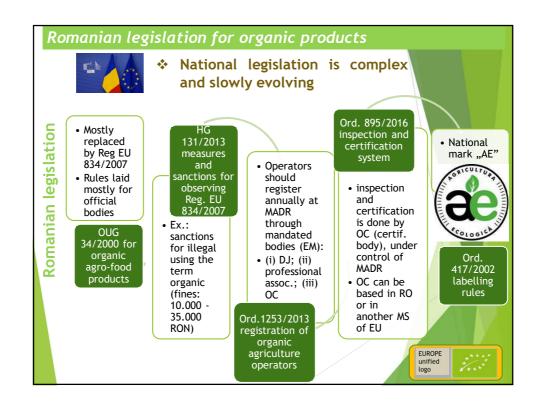


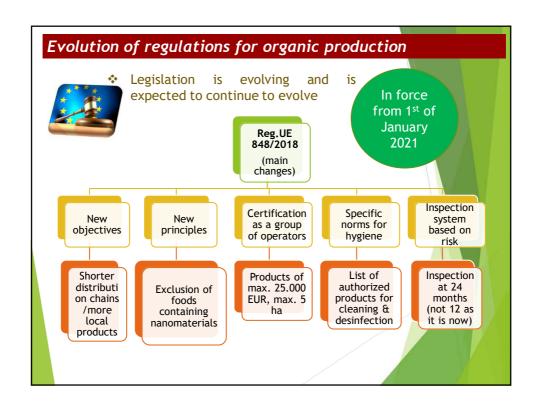




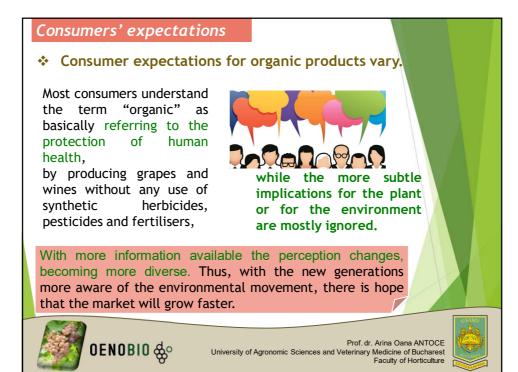
















More accessibility/popularity

Organic products are more accessible and popular.



In accordance to an AC Nelson study in the USA consumers spend more on organic products than before, thus an increase of 9.5% was recorded in 2018 as compared to 2017.

The trend was valid for consumers of all ages, with certain trends for age groups.

- Millennials spent over 14% more on organic products,
- followed by Generation X with 9.5% increase,
- while boomers spent only 7.2% more.

Thus, in spite of some set-backs, the production and demand are growing.



OENOBIO &

Prof. dr. Arina Oana ANTOCE University of Agronomic Sciences and Veterinary Medicine of Bucharest Faculty of Horticulture



## Consumers' expectations

Quality of the organic wines improved and could be demonstrated in blind tastings.

ncrease in quality

More and more organic wines participate in international wine contests and they are awarded medals in competition with any other types of wines.



As expected, the majority of organic entries come from countries where organic viticulture is most developed: Italy, Spain, France and Germany.

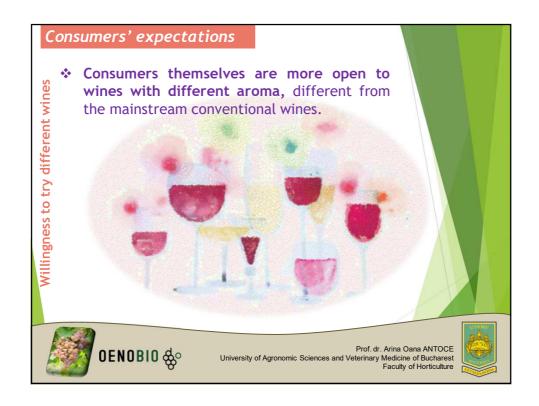


OENOBIO ⇔

Prof. dr. Arina Oana ANTOCE University of Agronomic Sciences and Veterinary Medicine of Bucharest Faculty of Horticulture

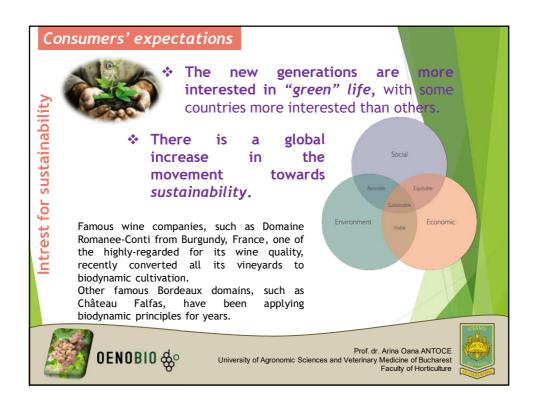


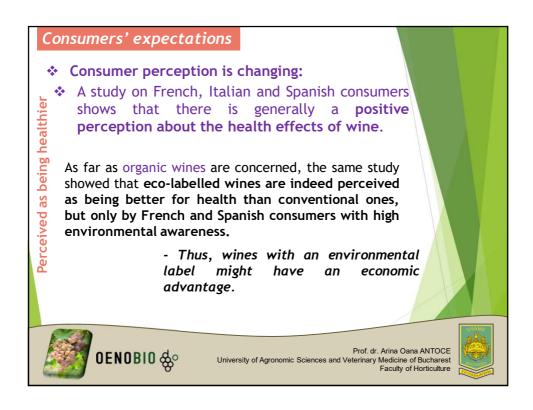
	Examp	oles from w	rine contests:				
			CMB 2019 BWT entries 2019 entries		IWCC 2021		
I	Italy		182	109	144		
	Spain	es	151		1		
	France	samples	121	36			
1	China	san	53		"\ \		
- ファラー - ファラー 	Germany	ဋိ	2	72	0		
	Greece	an	9	25	\ \		
	Moldova	No. of organic	6		1	X	
	Portugal		22		0		
	Romania		3		V		
	Other countries		63	29	0		
	No. of countries		24	17	5		
	Total organic wines		636	369	144		
	Total organic wine medals		n/a	90 (79 gold;	35 (5 grand gold		
				11 silver)	and 30 gold)		
	Total medals in the contest		n/a	2170	359 (26 grand gold, 333 gold)		
	Total samples in th	ne contest	n/a	7253	1231		

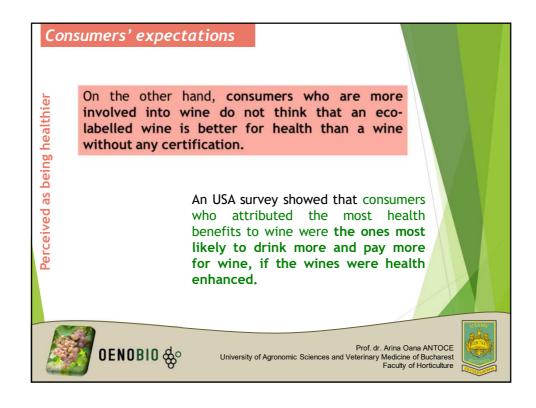


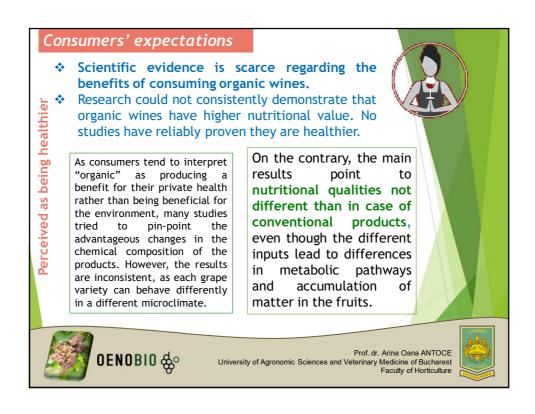


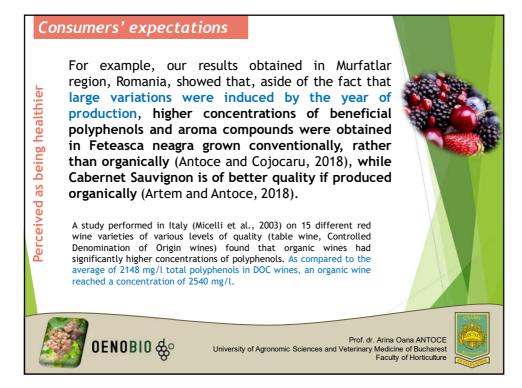


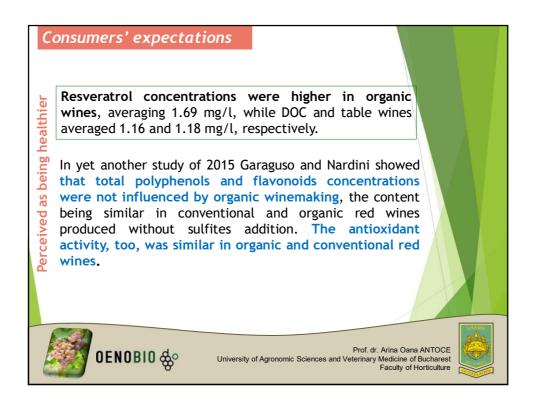


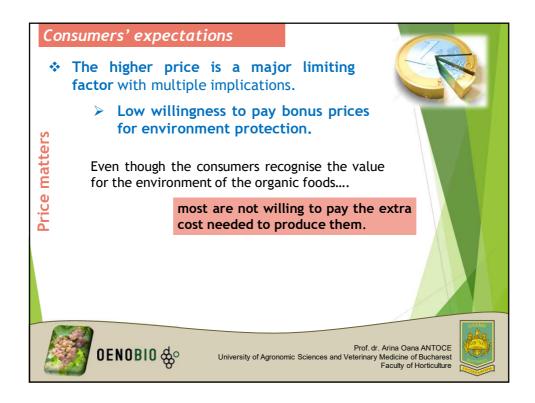




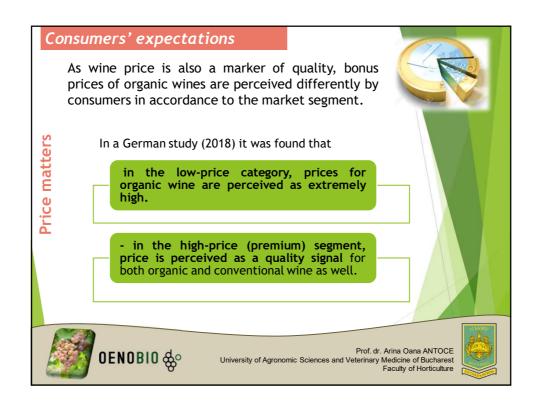


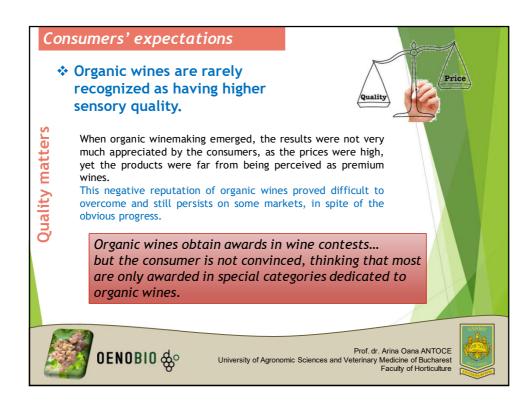






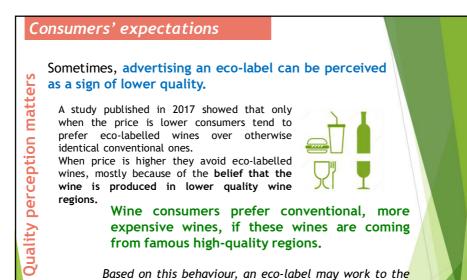












disadvantage of wines, as consumers tend to interpret

Prof. dr. Arina Oana ANTOCE

University of Agronomic Sciences and Veterinary Medicine of Bucharest Faculty of Horticulture

wine eco-labelling as a sign of lower quality.

OENOBIO &



