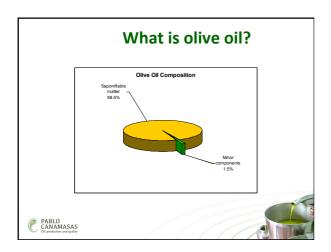
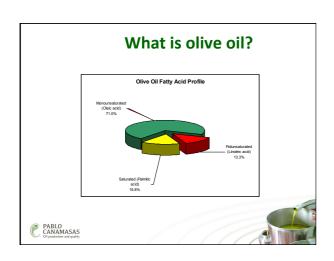
## Introduction to Olive Oil Production Olive Oil Processing Course California, USA – October 2014

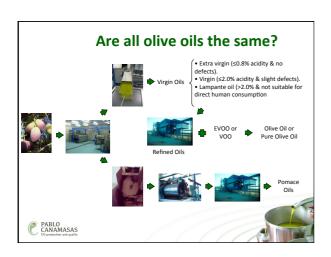
# What is olive oil? Olive oil is the oil obtained solely from the fruit of the olive tree (Olea europaea L.), to the exclusion of oils obtained using solvents or re-esterification processes and of any mixture with oils of other kinds. Transversal view of an olive PABLO Calpradation and readly.

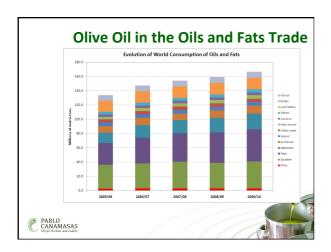


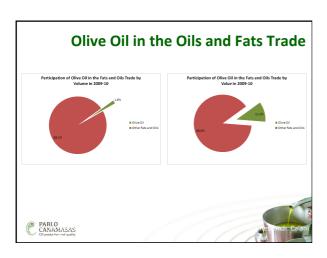












### Olive Oil in the Oils and Fats Trade

Why does olive oil outperform other fats and oils by value?

- Health attributes, particularly Extra Virgin (EVOO).
- High production costs (limited mechanisation & low yields).
- Availability (limited olive growing areas in the world).
- Romantic perception of Mediterranean lifestyle.
- Flavour.



### **Health Attributes**

- · High Oleic acid content
- · High mono/polyunsaturated fatty acid ratio
- · Low content of saturated fat
- Polyphenols (antioxidants)
- Tocopherols (pro-vitamin E)
- · Natural, not refined!!
- Research studies prove the beneficial impact in fighting heart disease colon and skin cancer, and other health issues

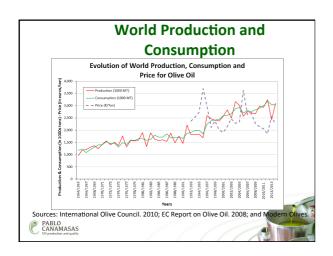


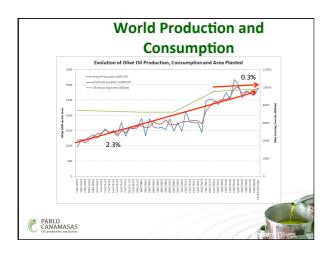
### Limited Mechanisation

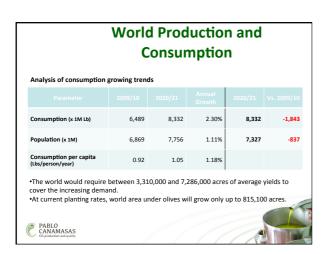
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Lov	w avera	ige World	Yields
Great variability in production	on		
Spain		38.6%	51.61
Italy		22.8%	51.65
Greece		13.6%	42.87
Turkey		4.3%	23.31
Tunisia		6.2%	12.71
BBL (Boort in 2013)		0.3%	294.1
Average			34.1
	Source: IO	C/FAO/BBL	

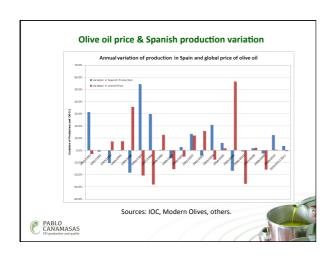


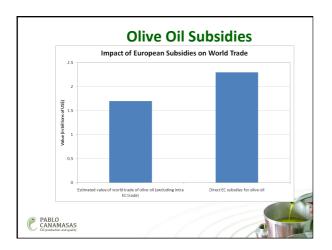






### Olive Oil Trade Why does olive oil price, particularly EVOO, remains relatively low? • Heavily subsidised industry. • High concentration of demand and very atomised offer. • Lack of financial resources amongst suppliers. • Mislabelling and adulteration.





### Changes in the European subsidy policy by 2013 could see oil price jumping as much as AU\$ 1.00/litre Known facts regarding new European Agricultural Policy in 2013 Subsidies did not disappear. Money allocated to agricultural subsidies was 12% lower in real terms. The EC will divide subsidies in several lots: A first basic payment on a per hectare basis; a second payment subject to the grower adhering to certain horticultural practices; a payment in the hands and discretion of the member countries and a •Although the final formula for subsidy allocation is extremely complex and not clearly understood, most analysts coincide that the net amount of subsidies for olive oil has been cut back between 10 and 30%. No grower can receive more than a 30% cut in subsidies. Large Spanish growers are proportionally worse of when compared with smaller Greek or Italian olive producers. Andalusia alone will receive € 400M less in combined subsidies.

Sources: EC bulletins, Modern Olives, Oliveblog, others.



### Changes in the European subsidy policy by 2013 could see oil price jumping as much as AU\$ 1.00/litre

### Known facts regarding new European Agricultural Policy in 2013

- Best current estimates indicate that the subsidies for an average Spanish grower (€371/ha or €0.77/litre) will drop to €300/ha or its equivalent of €0.62/litre.
- •Those € 300/ha would be calculated as follows:

   A basic payment to support agriculture of around 50% (€ 150/ha).

   An additional help for following environmnetally friendly practices of around
  - An additional nelp for rollowing environmnetally triendly practices of around 20% (€ 60/ha).
     An additional voluntary payment at the discretion of the Spanish government to support certain strategic activities of around 10% (€ 30/ha).
     A component related to productivity, employment, etc., which is region and industry specific of around 20% (€ 60/ha).
- Policy will be reviewed again in 2020.

Sources: EC bulletins, Modern Olives, Oliveblog, others.



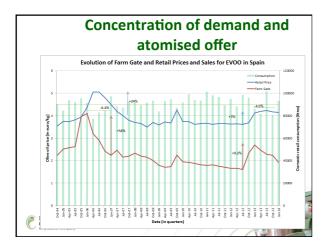


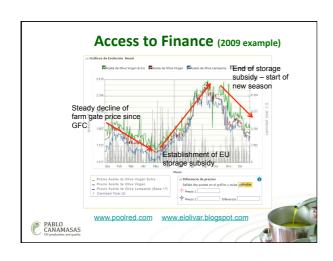
### **Concentration of demand** and atomised offer

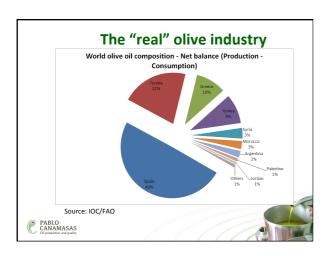
- 70 to 75% of the world's bottled olive oil is sold by 6 companies (SOS Cuétara (Bertolli, Carbonell, Carapelli, Koipe); Sovena Group (East Coast Olive Oil, Agribética, ALCO); Ybarra Group (Ybarra, MiGaSa, Heinz); Aceites del Sur (CooSur, La Española); Hojiblanca (+Cargill); and Borges.
- There is a declared amount of approximately 2.5M growers in Europe at an average of
- There are close to 11,000 declared processing plants in Europe at an average of just 430,000 Lbs of oil/processing plant.

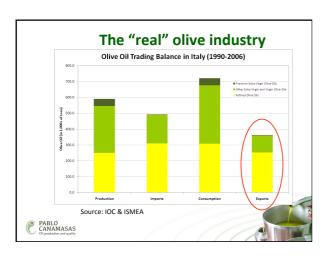


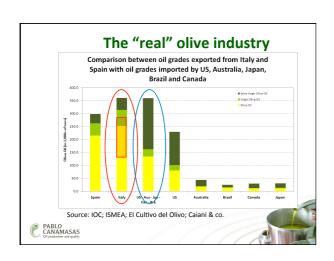


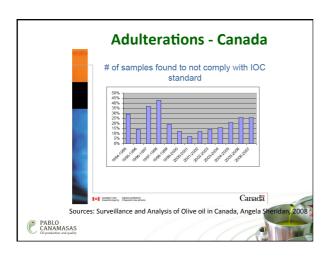


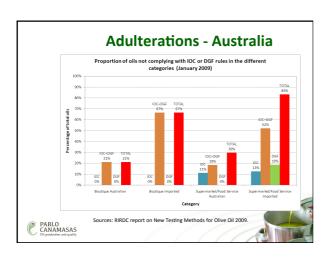


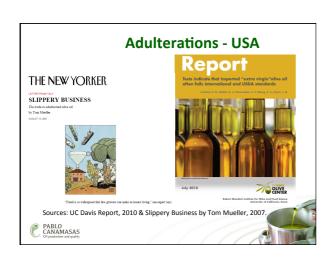


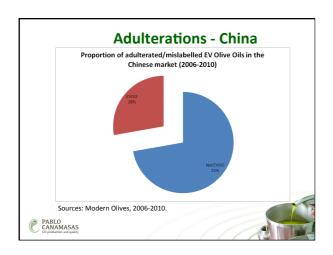


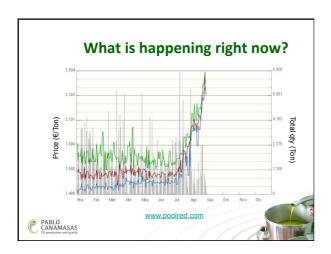












POTENTIAL EV	OLUTION OF OLIVE	OIL STOCK IN SPA	NN.									
POTENTIAL EV	OLUTION OF OLIVE	OIL STOCK IN SPA	un									
POTENTIAL EV	OLUTION OF OLIVE	OIL STOCK IN SPA										
			800			900			1000			
Month	Stock in Hand	Trade Balance	Production	Stock in Hand	Trade Balance	Production	Stock in Hand	Trade Balance	Production			
	Scenario 1	Scenario 1	Scenario 1	Scenario 2	Scenario 2	Scenario 2	Scenario 3	Scenario 3	Scenario 3			
Jul-14	741.5	-132.9		741.5	-132.9		741.5	-132.9				
Aug-14	608.6	-132.9		608.6	-132.9		608.6	-132.9				
Sep-14	475.6	-132.9		475.6	-132.9		475.6	-132.9				
Oct-14	342.7	-132.9	8.0	342.7	-132.9	9.0	342.7	-132.9	10.			
Nov-14	217.8	-84.2	80.0	218.8	-108.6	90.0	219.8	-132.9	100			
Dec-14	213.6	-84.2	264.0	200.2	-108.6	297.0	186.9	-132.9	330			
Jan-15	393.4	-84.2	272.0	388.7	-108.6	306.0	383.9	-132.9	340.			
Feb-15	581.3	-84.2	112.0	586.1	-108.6	126.0	591.0	-132.9	140			
Mar-15	609.1	-84.2	56.0	603.6	-108.6	63.0	598.1	-132.9	70.			
Apr-15	580.9	-84.2	8.0	558.0	-108.6	9.0	535.1	-132.9	10			
May-15	504.8	-84.2		458.5	-108.6		412.2	-132.9				
Jun-15 Jul-15	420.6	-84.2		349.9	-108.6		279.3	-132.9				
	336.4 252.3	-84.2		241.4	-108.6		146.3	-132.9				
		-84.2		132.8	-108.6 -108.6		13.4	-132.9 -132.9				
Aug-15 Sep-15	168.1	-84.2		24.3								

