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# Pure Juice Workshop

Sample collection and sample administration

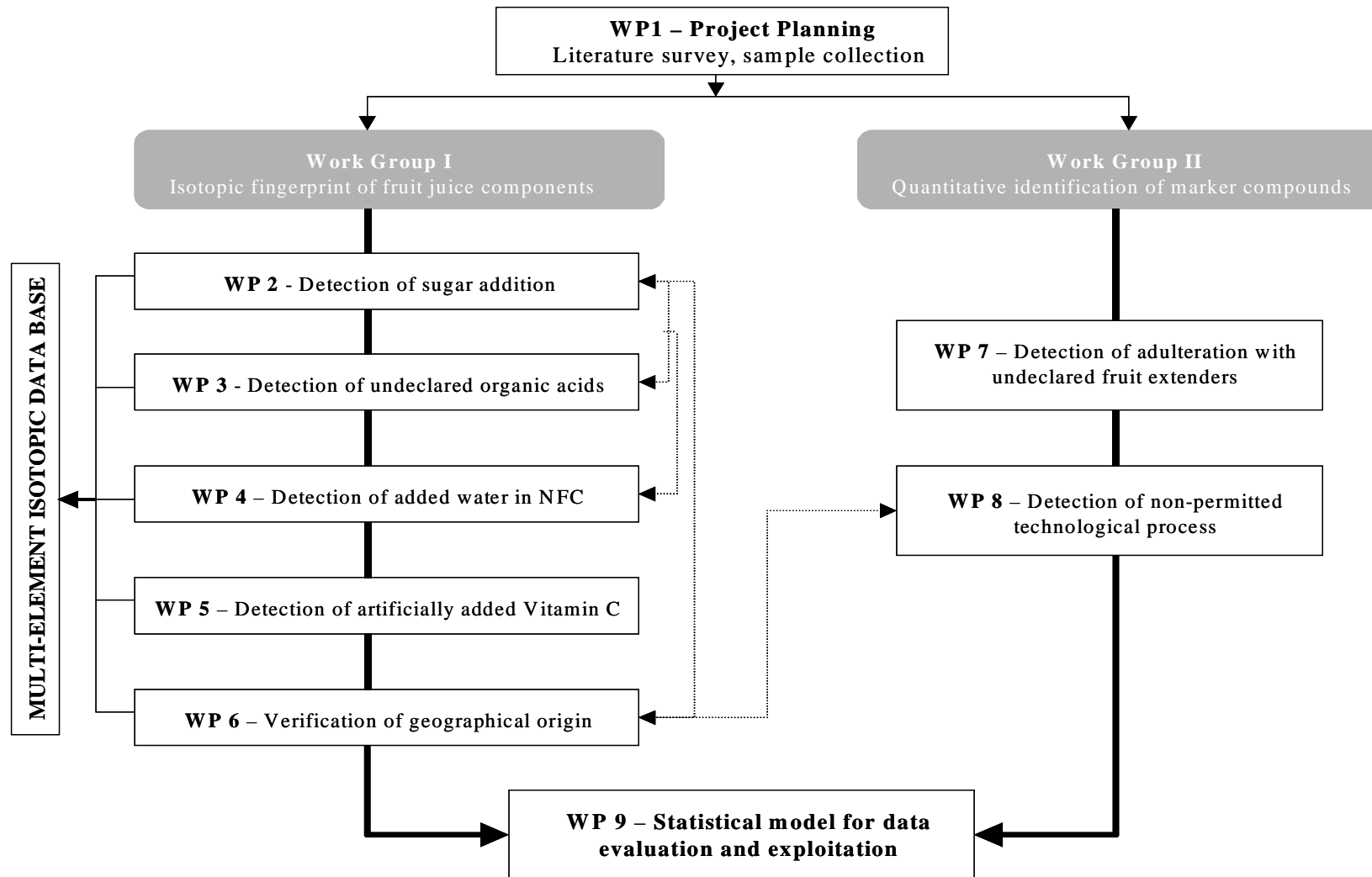
Pure Juice WP 1

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SGF



# Sampling - Overview-



**Scheme II : Interrelationship between workpackages and project output**



## Sampling Orange juice /- juice concentrate



<b>Country</b>	<b>Year of harvest</b>	<b>Companies sampled</b>	<b>Planned in Annex</b>
Mexico	2002, 2003, 2004	6	3
Cuba	2002, 2003	4	2
Belize	2002	1	1
Brazil	2002, 2003	15	5
Florida	2002, 2003, 2004	5	3
Spain	2003, 2004	11	3
Greece	2003, 2005	4	2
Paraguay	2003	1	1
Argentina	2003, 2004	2	1
Morocco	2003	2	0
Italy	2004	4	2
Uruguay	2003	1	1
Israel	2004	1	2
Costa Rica	-	0	2



## Sampling Orange juice /- juice concentrate



Type of samples:

- Single strength juice
- Juice concentrate
- Juice with WESOS inline
- Juice concentrate with WESOS inline
- WESOS concentrate
- Fresh fruits
- By products (pulp, etc.)



## Sampling Apple juice /- juice concentrate



<b>Country</b>	<b>Year of harvest</b>	<b>Companies sampled</b>	<b>Planned in Annex</b>
China	2002, 2003	8	3
Turkey	2002, 2003	5	2
Poland	2002, 2003	9	3
Germany	2002, 2003, 2004	8	3
Romania	2002, 2004	1	1
Italy	2003, 2004	3	2
Spain	2003, 2004	2	0
France	2003	1	0
Ukraine	2003, 2004	1	0
Hungary	2004	2	2
Austria	2004	2	2
Slovenia	-	0	1



## Sampling

### Apple juice /- juice concentrate



Type of samples:

- Single strength juice
- Juice concentrate



## Sampling Pineapple juice /- juice concentrate



<b>Country</b>	<b>Year of harvest</b>	<b>Companies sampled</b>	<b>Planned in Annex</b>
Kenya	2002, 2003, 2004	1	1
Brazil	2002, 2003, 2004	8	1
Thailand	2002, 2003	9	3
Philippines	2002, 2003	2	2
South Africa	2003, 2004	3	1
Indonesia	2002, 2003, 2004	2	2
Costa Rica	2003, 2004	3	1
Martinique	2003	1	0
Honduras	2003, 2004	1	0
Mexico	2002	1	0
Vietnam	2003	1	0
Ivory Coast	-	0	1



## Sampling Pineapple juice /- juice concentrate



Type of samples:

- Single strength juice
- Juice concentrate
- Juice with WESOS inline
- Juice concentrate with WESOS inline
- Mill juice
- Mill juice concentrate
- Fresh fruits
- other samples (skin, etc.)



# Sampling

## Further juice /- juice concentrate samples



### Lemon

Country	Company	Year of harvest	Single Strength	Concentrate	WESOS-inline juice	WESOS-inline Conc.	WESOS Concentrate	Fresh Fruits	By-products	Delivered to WP	
Italy	1	2004	x							2,3,4,5,6,7	
Spain	1	2003		x						7	
		2004	x	x				x		7	
		2004	x	x							7
	2	2003			x						7
		2004	x	x					x		7 + (2,3,4,5,6)
	3	2004	x	x					x		7
		2004	x	x							7
4	2003			x						7	
Brazil	1	2004	x		x	x				7	
	2	2004	x		x	x			x	7	
Argentina	1	2003	x	x						7	
		2003	x	x						7	
	2	2003	x	x						7	
		2003	x	x						7	
	3	2004	x				x			3,5,7	
	4	2004	x	x						3,5,7	
5	2004	x	x						3,5,7		



# Sampling

## Further juice /- juice concentrate samples



### Grapefruit

Country	Company	Year of harvest	Single Strength	Concentrate	WESOS-inline juice	WESOS-inline Conc.	WESOS Concentrate	Fresh Fruits	By-products	Delivered to WP
Spain	1	2004	x	x					x	7
	2	2004	x	x						
	3	2004	x	x					x	7
Florida	1	2004	x							3+7
	2	2004	x	x						7
	3	2004	x	x						7
Belize	1	2003	x	x						7 + (2,3,4,5)
Israel	1	2004	x	x					x	5,6,7
		2004	x	x						7
	2	2004							x	7
		2004	x	x						7
		2004		x						7
	3	2004	x	x						2,3,6,7
South Africa	1	2003	x							7
	2	2000	x	x						7
Cyprus	1	2003	x	x						7
Argentina	1	2000	x		x	x	x		x	7
Mexico	1	2000	x	x						7
Cuba	1	2004	x	x						7



# Sampling

## Further juice /- juice concentrate samples



### Mandarin

Country	Company	Year of harvest	Single Strength	Concentrate	WESOS-inline juice	WESOS-inline Conc.	WESOS Concentrate	Fresh Fruits	By-products	Delivered to WP
Spain	1	2004	x							4+7
	2	2004	x							4+7
		2004	x					x		7
	3	2004	x					x		7
Argentina	1	2004	x			x				7
Uruguay	1	2004				x				6,7



## Sampling

### Further juice /- juice concentrate samples



### Acerola & Black currant

Country	Company	Year of harvest	Fruit	Single Strength	Concent rate	Puree	Delivered to WP
Brazil	1	2002	Acerola			x	5
		2003	Acerola			x	3 + 5
		2004	Acerola	x			3 + 5
	2	2002	Acerola			x	5
	3	2003	Acerola	x			3 + 5
Denmark	1	2002	Black Currant	x			5
Poland	1	2003	Black Currant	x			3 + 5
	2	2004	Black Currant		x		3 + 5
	3	2004	Black Currant	x	x		3 + 5
	4	2004	Black Currant	x	x		3 + 5



## Sampling



### Summary

- sampling covered
  - ✓ harvest of 4 years
  - ✓ all important origins (34 countries)
  - ✓ minimum single strength juice and juice concentrate were taken
  - ✓ more than 500 samples were taken
  - ✓ more than 1200 single samples were handled
  
- datasheets with detailed sample information were created