

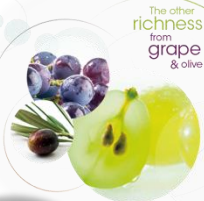


**Richness from grape and fruits
by converting residues into high added value
for the nutraceutical and food industries**

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Grapp'Sud, a naturally sustainable approach



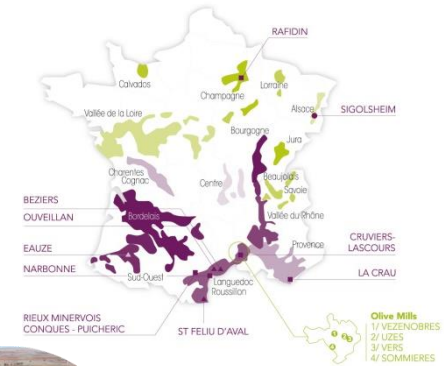


GRAP'SUD GROUP

French agro-industrial co-operative group

Our strategic vision

- To be a recognised and sustainable player in the sector of **valorization of agricultural co-products**;
- To develop **innovative** and/or economically attractive **solutions** in different solvent markets.



From values to challenges



Our values

Essentially sustainable co-operation

- The principles of **Co-operation**
- Sustainable development
- The **CSR** commitments
- Management through **Quality**
- **Agriculture**
- **Food Safety**

From the distillery to agro-industry



Our aims

From the distillery (1923)

Our historic aim = de-pollution of regional viticulture



To valorize the co-products from viticulture
through
controlled development and diversification



**To develop an economy that generates added value
and is consistent with our values**

to agro-industry (2017)

Collection of the co-products



Today, the Grap'Sud group collects many **co-products** from **viticulture**, but also from **oleoculture** and **arboriculture**

The wine sector

- **125 000 tonnes** of marc
- **270 000 hl** of wine lees
- **2 500 tonnes** of lees fillers
- **60 000 to 500 000 hl** of wine
- **600 000 hl** of grape must



The olive sector

- **1 000 tonnes** of olive water



The fruit sector

- **15 000 tonnes** of fruit



**GRAP'SUD
GROUP**

Valorization of vinification co-products

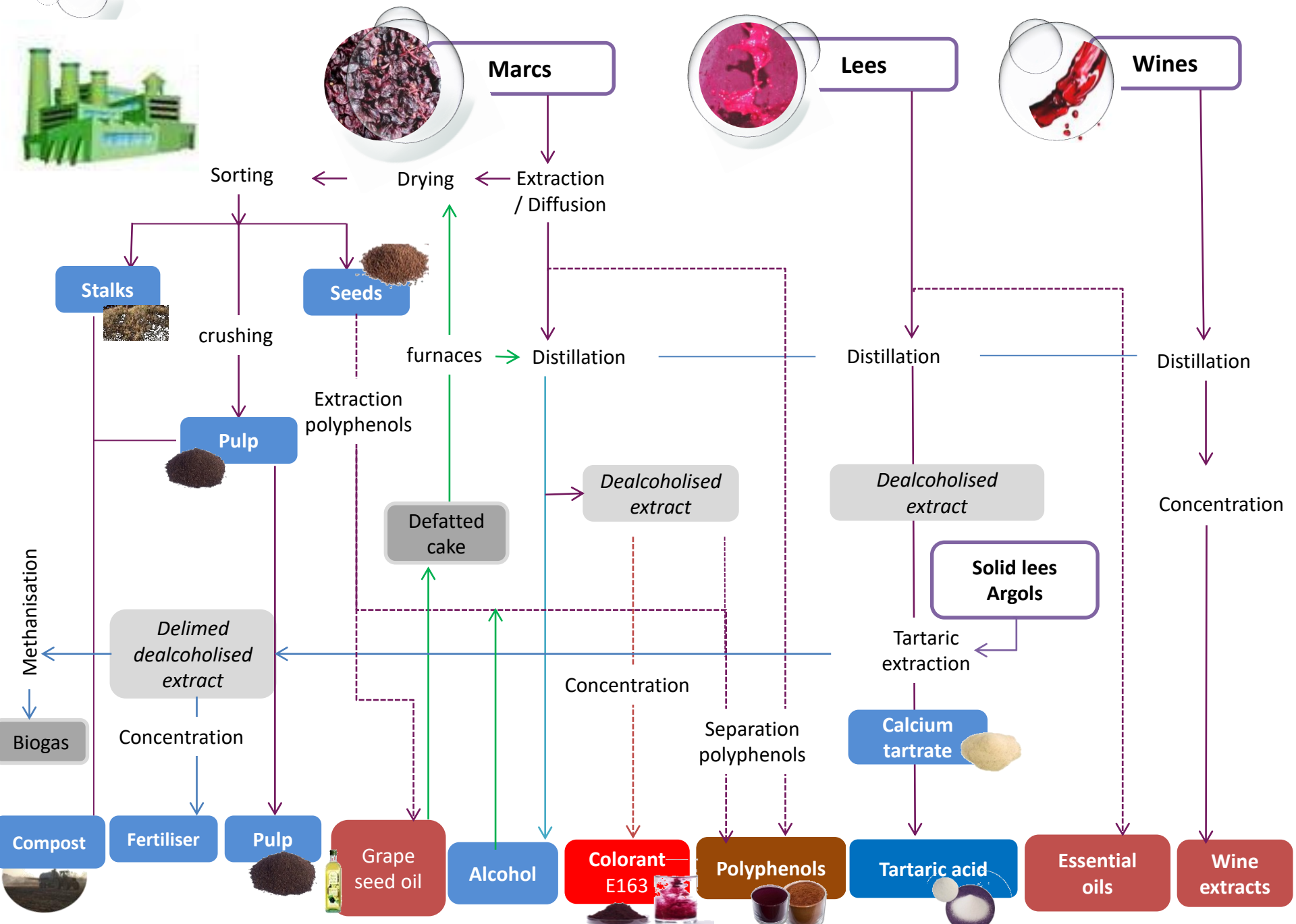


Vinification





Treatment of vinification co-products



Valorization of co-products from olive oil mills

OIL
MILL

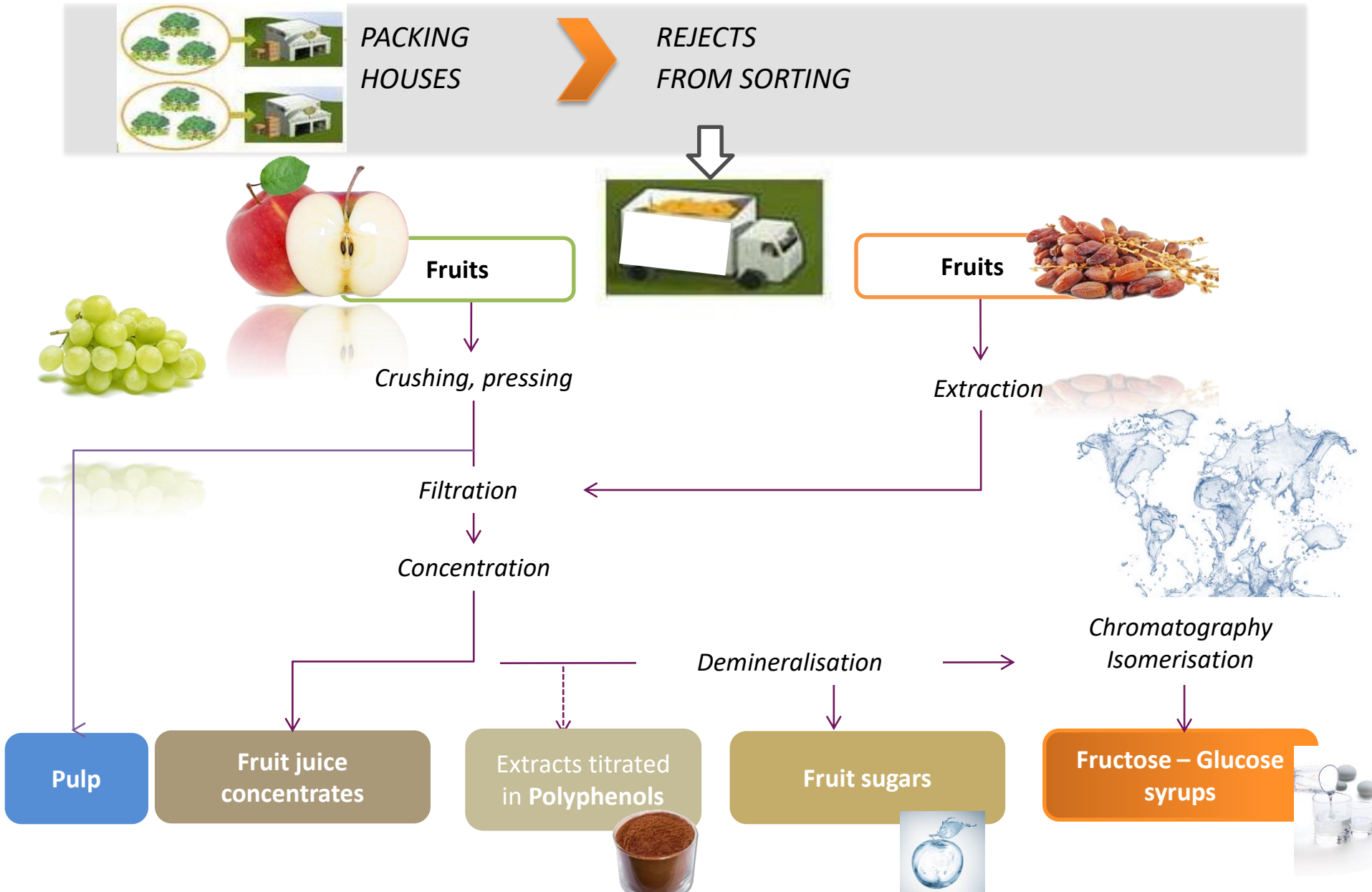
Crushing, pressing

Centrifugation

Olive water

Extracts titrated in
Polyphenols

Valorization of co-products from the fruit sector



Our sustainable processes



We implement **Eco-processes** with the permanent objective of limiting our impact on the environment

- **Wine alcohol** is used as a solvent **to extract** the polyphenols
- The **water** produced by the concentration is **recycled**
- The **defatted cake** feeds our **biomass furnaces**
- The **final liquid waste** can be methanised to produce **biogas**



RECYCLING



BIO-
ENERGIES

Activities and target markets

Divided into **three activity centres**,
our productions are aimed at different **international markets** worth
several billion euros



Activities and target markets



Three strategic activity centres

From the distillery (1923)

to agro-industry (2017)

AGRICULTURAL Centre

- Collection and supply
- Alcohols and associated services
- Agro-resources (*fertilisers, co-products for animal feed*)
- Agro-Industrial Resources (*alcohol for bio-fuels, grape seed, calcium tartrate, bio-energy*)

AGRO-FOOD Centre

- Agro-food solutions agroalimentaires (*colorants, juice concentrates, wine extracts, essential oils, tartaric acide, etc.*)
- Oenological solutions and associated services (*Concentrated must, Rectified Must concentrate, tartaric acid, tannins, etc*)
- Sweetening solutions and associated services (*Nutritis*)
- Food products (*spirits, grape seed oil*)

NUTRITION AND HEALTH Centre

- Human nutraceuticals (*polyphenols from grapes and olive, etc.*)
- Animal nutraceuticals



Innovation, the driver of development

Every day, we're preparing tomorrow...

- Research into **new extracts** and **new products**
- Development of **economically viable Eco-processes**
- Research into **new applications** and **associated scientific studies**

Innovation

- ~1% of the turnover
- A dedicated department
- Partnerships with academic and private research
- Participation in national and international collaborative projects





Key figures



55 M€ of
turnover

in 45 countries



Export
Turnover
35%

2.5 M€ of
investment per
year

210 persons

6 production units

5 subsidiaries



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**THANK YOU FOR
LISTENING**

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