



PROTEME

The natural solution to your conservation issues

Conservation issues



Food
wastage

50%

Of all food losses and waste,
50% is carried by the F&V
sector



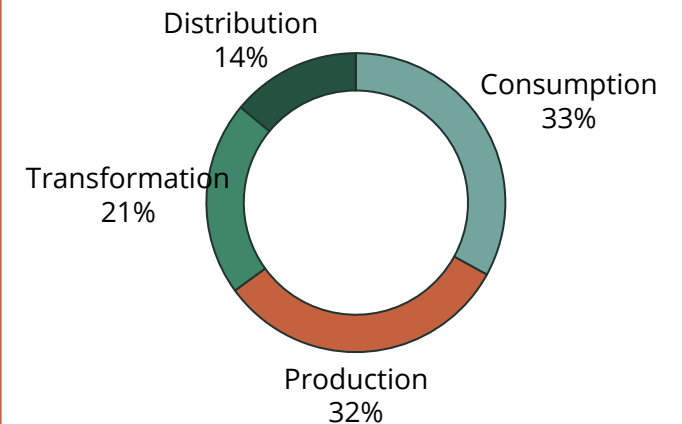
Contamination

3/10

Losses by contamination can
represent up to 3 out of 10
apples during storage



Loss
distribution

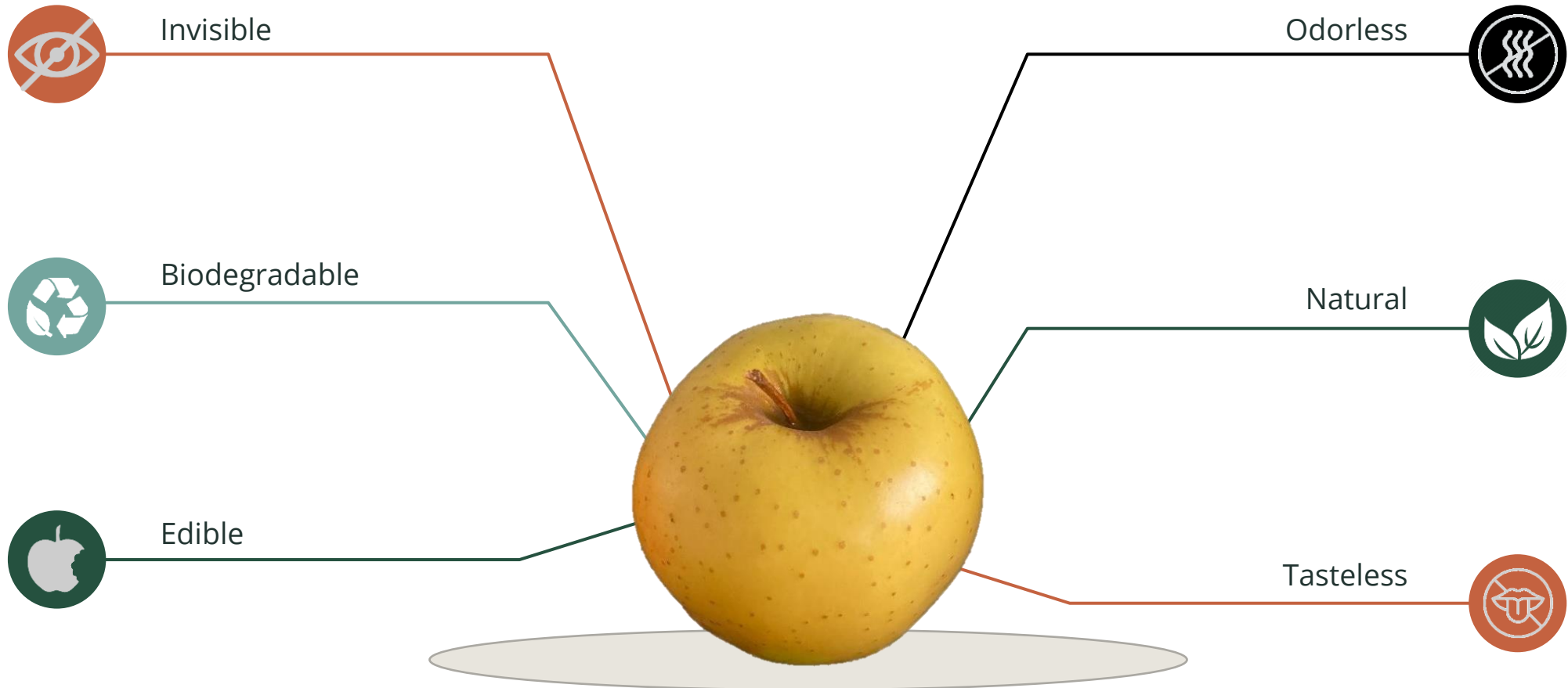


Food waste is distributed
fairly from farm to fork

Our solution Prosane



Natural food coating solution for fruits & vegetables



Uniques properties

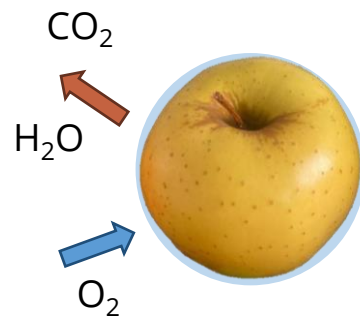


Two properties for a longer and better controlled conservation

Slower maturation



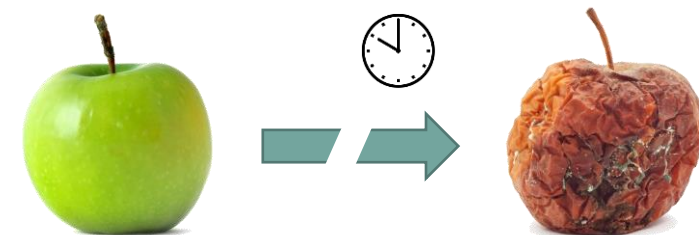
- ✓ Physical protection for the fruit
- ✓ Selective gas permeability
- ✓ Slowing down of oxidation phenomena



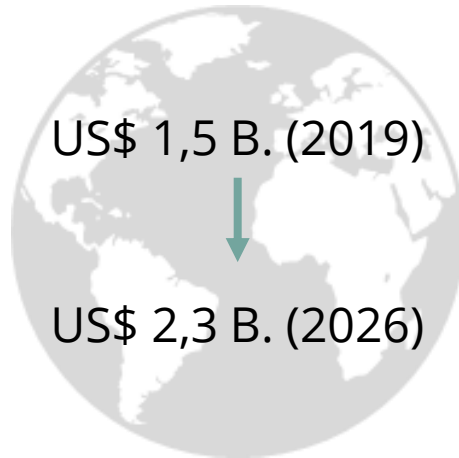
Protection against pathogens



- ✓ Active defense against a very broad spectrum of bacteria and fungi
- ✓ Pathogenic development inhibited
- ✓ Cross contamination within the same batch impossible



Market data



Post-harvest treatments market for
F&V in the world



2019 - 2026



Market size – Apples sold in France :
2,4 – 2,7 milliards €

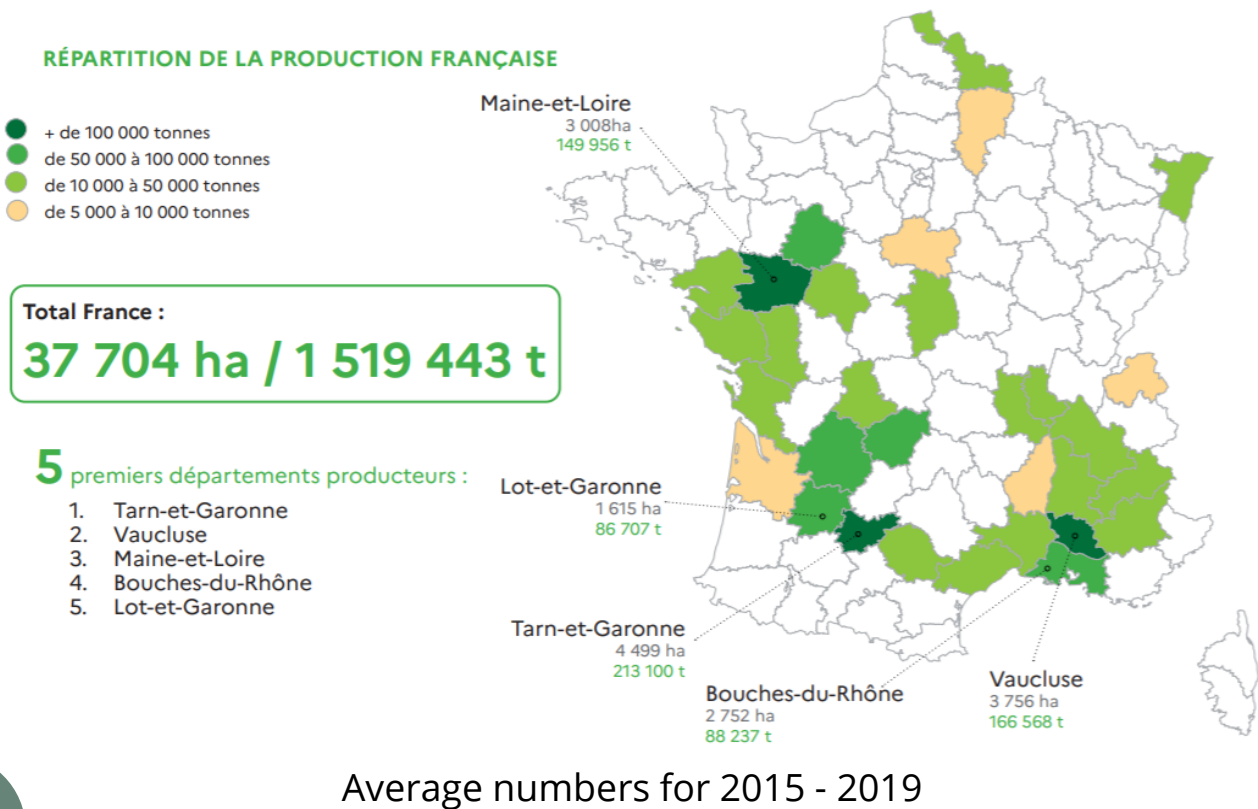
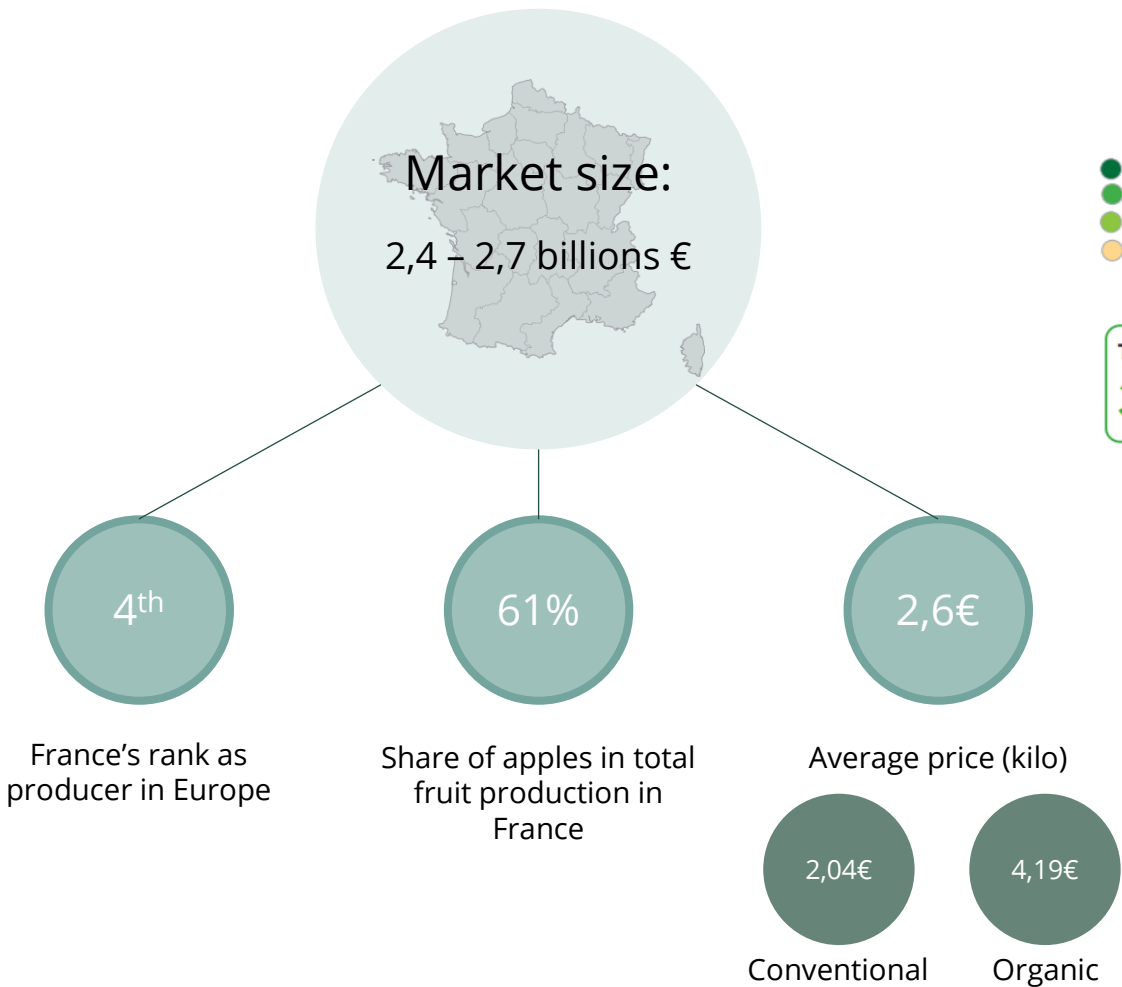


Market size – Apricots sold in France :
270 – 290 millions €

Apple production in France



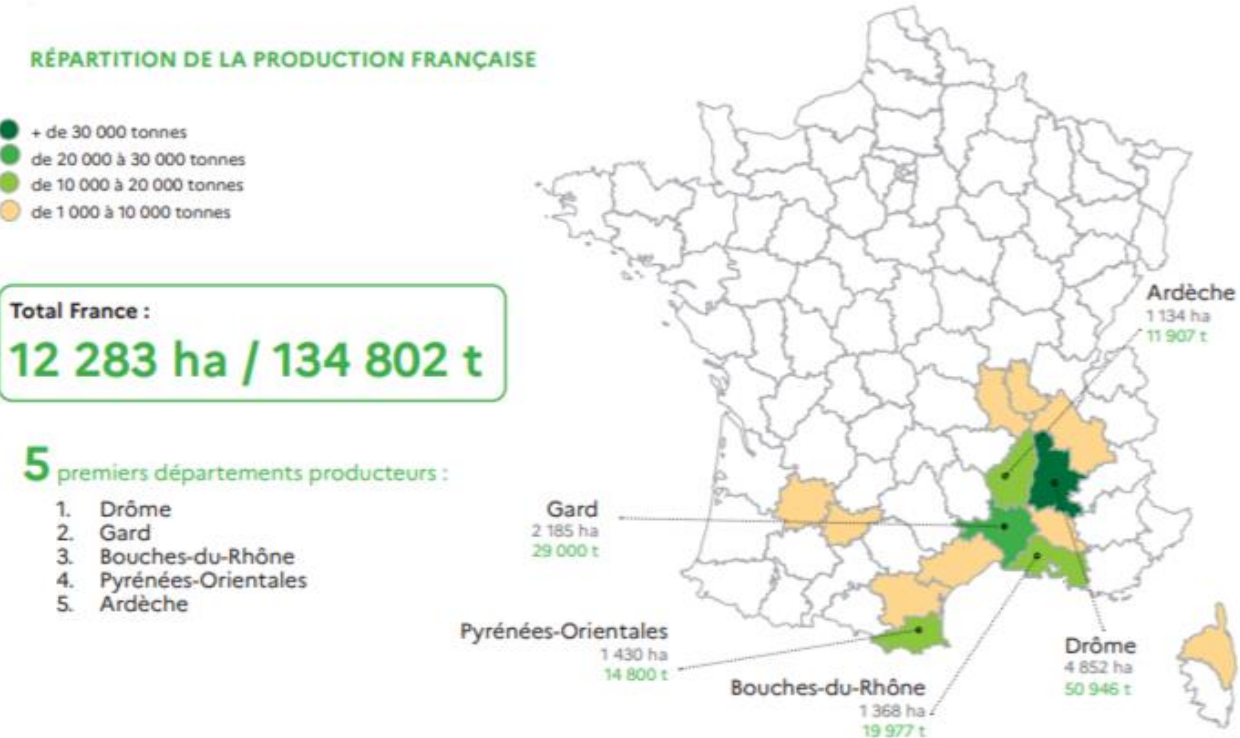
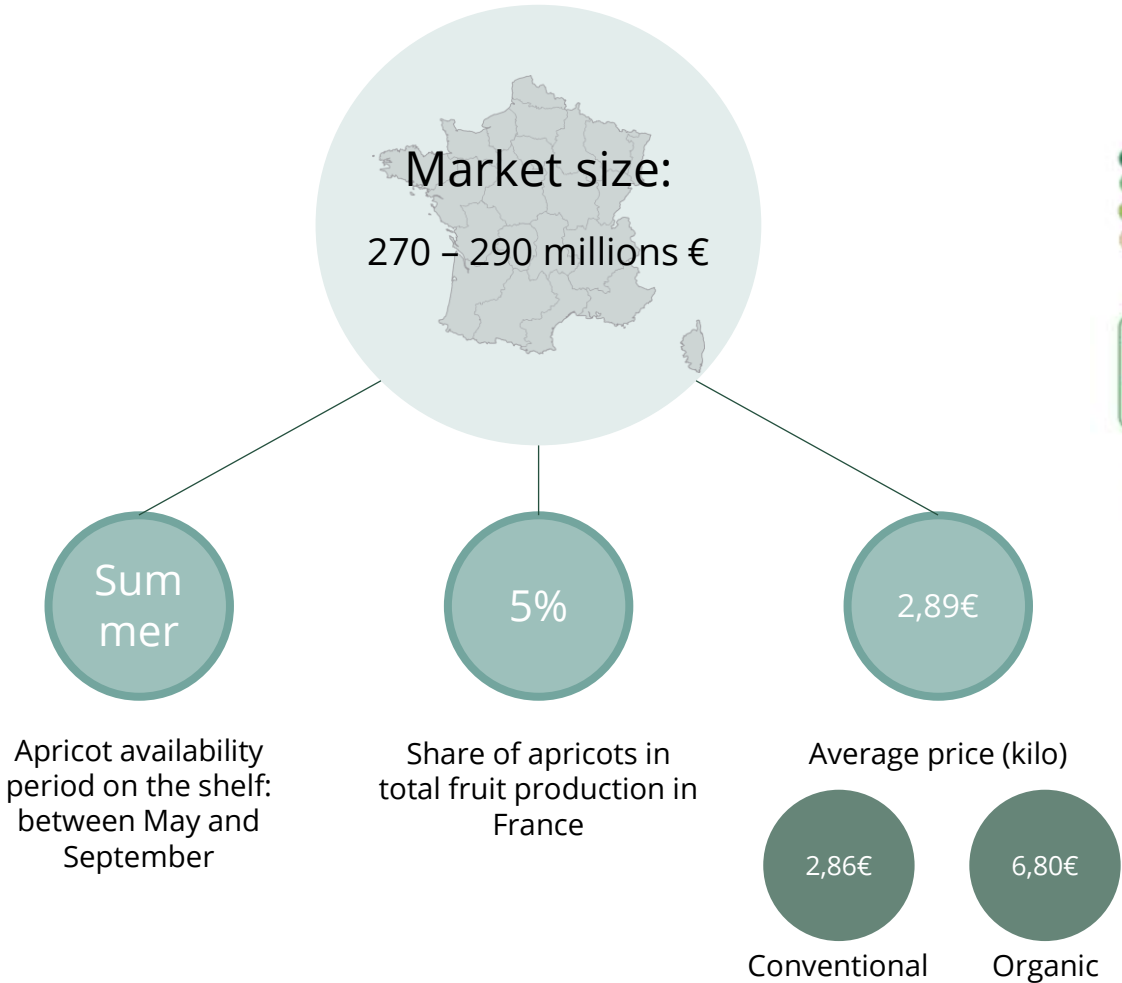
Apple is, by far, the biggest fruit production production in France



Apricot production in France



The apricot is a smaller market than the apple but it is a fruit acclaimed by the French and very well valued



Competitive environment



Prosane[®], the only « all-in-one » solution on the market

	Apeel	Xeda Int.	AgroFresh	Proteme
Antifungal protection	✗	✓	✗	✓
Antibacterial protection	✗	✓	✗	✓
Slower maturation	✓	✗	✓	✓
Natural solution	✓	✓ ✗	✗	✓
Edible coating	✗	✗	✗	✓
No allergen	✓	✓	✓	✓

Business model



Two sources of income that support a comfortable margin and volume

Direct sale

Prosane apple – Bag of 5kg :

- ✓ Production volume coatable: 9,5 tons

Prosane apricot – Bag of 2kg :

- ✓ Production volume coatable: 3,8 tons



Sale by production tonnage

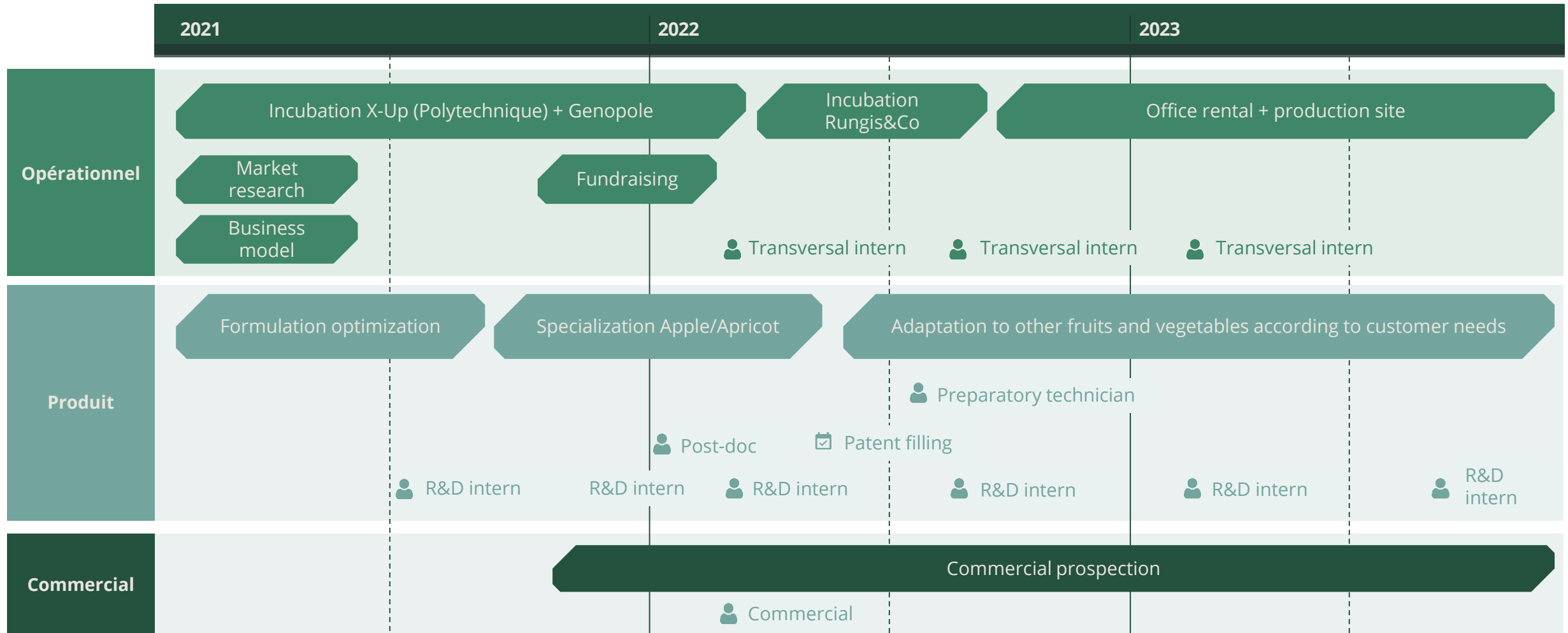
Prosane apple : Unit selling price by ton of apple

Prosane apricot : Unit selling price by ton of apricot



- ❖ Aspect: hydrosoluble powder
- ❖ Application: before storage, on the conveyor chain, after calibration

Roadmap



Founders



Paul Malfoy
CEO

*Business, agronomics, food industry
and communication*



Valentin Sabatet
CTO

IT, biology and laboratory research



Benjamin Vignard
COO

*Industrial process, food-processing
industry and team management*





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Talents d'une planète soutenable 

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