



Presentation of the Alliance between ITERG – IMPROVE – PIVERT



3 Organizations that meet with the same objective

To valorize Biomass through sustainable processes producing natural and healthy ingredients, and accelerate their industrialization to market



Who are we ?





A unique bridge to valorize biomass and accelerate industrialization



A French Alliance with an international impact

Reunited to valorize
Biomass and accelerate
industrialization

170 + people

Situated in Bordeaux,
Amiens & Compiègne

Transitions : Energy Environment nutrition

We help industry to tackle
the 3 major transitions
and to design Factory of
the Future

Intellectual property

20+ proprietary
breakthrough
technologies

Our ambition

*“For a healthier and more eco-responsible world,
for more competitive sectors from upstream to downstream,
We are making the bioeconomy an industrial reality.”*



Focus on the 3 companies



Industrial Technical Center
which contributes to the creation of
value
from upstream to downstream
Oleoproteaginous sector

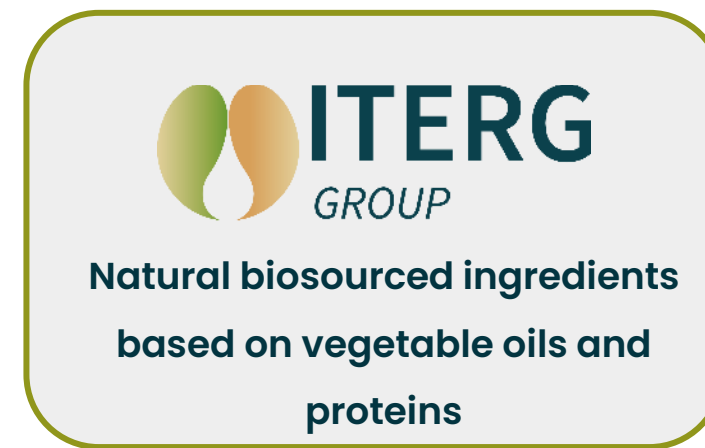


Subsidiary of ITERG
R&D platform expert in
plant based protein valorization



Structure of excellence
in plant chemistry, biotechnologies
and economics of 3rd generation bio-
refineries
of **all types of biomass**

How is this Alliance structured?





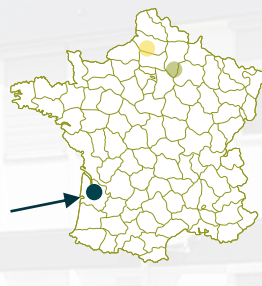
French Institute for Fats, Oils and Related Products, in Canéjan (FRANCE)



Core competences:

Analytical, R&D, Crushing & Extraction of oils & fats , Green chemistry,
Health & Nutrition, Formulation, Environment studies

New developments : new line for oilseed processing without solvent



Located in Canéjan
(33) France



90 +
employees



300 +
industrial customers



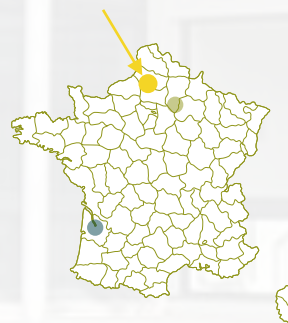
R&D Platform expert in plant based protein valorization in Dury (FRANCE)



Core competences:

Pilot facilities (kg to ton scale) for plant-based protein processing with dry or wet technologies for development and scale-up, sample production, wide range of analyses for in-depth characterization of protein ingredients

New developments : food lab with dry & wet extrusion



Located in Dury (80)
France



33 +
employees



550 +
industrial customers
worldwide

>2500 R&D contracts



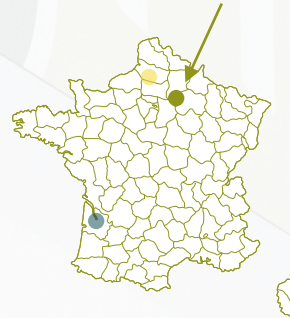
SAS PIVERT

Plant chemistry, biotechnologies and economics of 3rd generation bio-refineries of all types of biomass in Compiègne (FRANCE)

Core competences:

Green Chemistry, Biotechnology & DSP process development,
optimisation & scale-up, Analytical

New developments : multiple new equipment for our DSP line



Located in Compiègne
(60) France



40 + employees



90 +
industrial customers



Our service offer : From idea to market



Our service offers

- Custom Production services

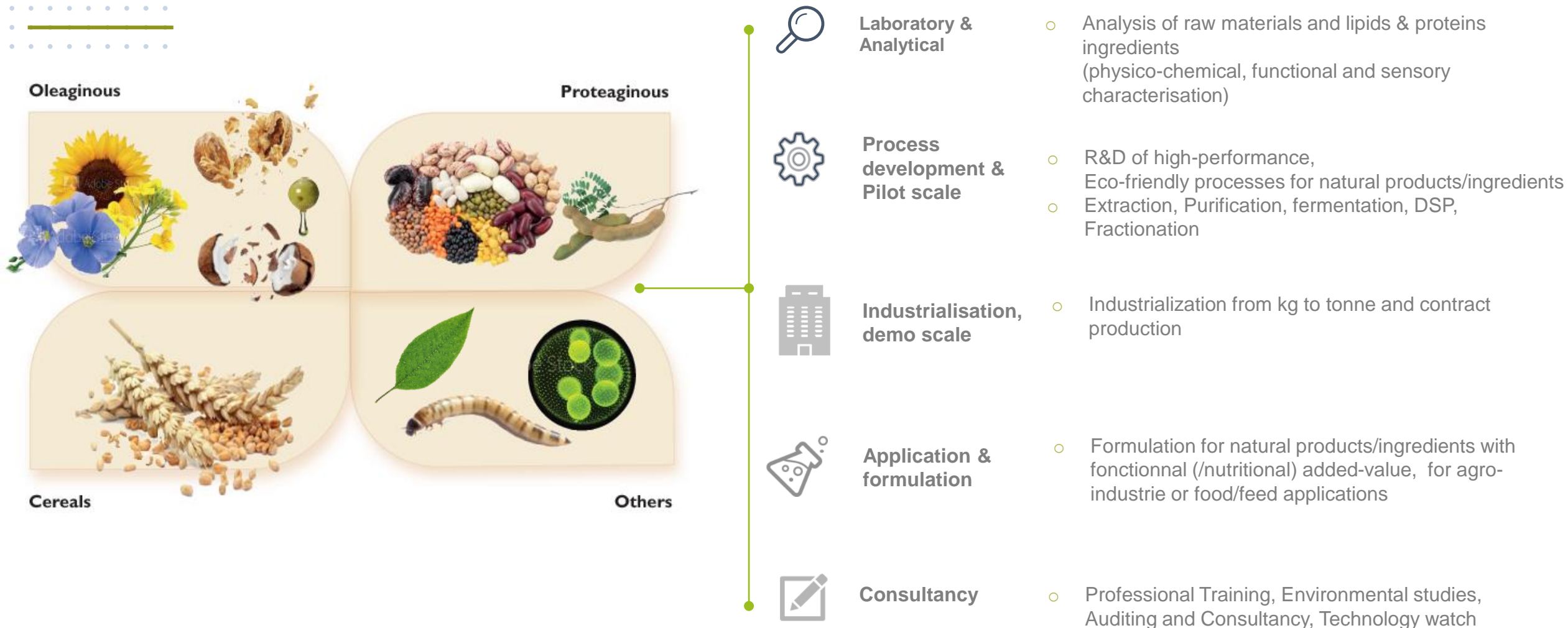
- Research,
- Analysis,
- Formulation

of bio-based ingredients

- Industrialization accelerator



Our core competences to reveal the best from Biomass



From idea to market

Industrialization

Production in tonnes



Pre Production

Sample production

Demo at tonne-scale (300 Kg – 1.7 Tonnes)



Process Optimization & Validation

Scale UP and Optimization

Pilot scale (10–300 kg)



Research & Innovation

Exploration
Technological scouting

Lab Scale (<10 kg)



Our relevant markets

we serve the entire agro-industry

Cosmetics



Fine Chemicals



Paints



Detergent



Food & Probiotic



Construction



Feed



Polymers





Next steps

Enlargement of the Alliance can be considered

Different possible candidates are already very close

Extractis : plant-based micronutrients experts

Nutrieko : nutrition experts

FoodInnov : food formulation experts

....

Main goals :

- give premium support to our customer
- Develop successes
- Make it easy & simple




ZA Pessac - Canéjan
11 Rue Gaspard Monge - CS 20428
33610 Canéjan
France

f.farrugia@iterg.com

 (+33) 5 56 36 00 44

Rue du Fond Lagache
80480 Dury
France

commercial@improve-innov.com

 (+33) 3 22 44 26 55



Parc Technologique des Rives
de l'Oise
60280 Venette
France

s.soum@sas-pivert.com

 (+33) 3 22 44 26 55

Thank You

See You Next

