



BRETAGNE®

# THE BRETAGNE

# AGRIFOOD MAPS

2018/2020



# Bretagne's agrifood industry

- 01/ PIG SLAUGHTERING AND PORK PROCESSING
- 02/ CATTLE SLAUGHTER AND PROCESSING
- 03/ POULTRY SLAUGHTER AND PROCESSING
- 04/ DAIRY INDUSTRY
- 05/ ANIMAL FEED
- 06/ PORK-BASED COOKED MEATS,  
SALT MEATS AND CANNED MEATS
- 07/ READY MEALS AND READY-MADE PRODUCTS
- 08/ PROCESSED AND  
CANNED SEAFOOD PRODUCTS
- 09/ PROCESSING AND MARKETING  
OF FRUIT AND VEGETABLES
- 10/ BREAD, CAKES AND PASTRIES, AND BISCUITS
- 11/ BEVERAGES
- 12/ INTERMEDIATE FOOD PRODUCTS
- 13/ RAW SEAWEED MATERIALS
- 14/ SEAWEED PROCESSING
- 15/ BIOTECHNOLOGY IN THE AGRICULTURE  
AND AGRIFOOD SECTORS

- 16/ AGRIFOOD EQUIPMENT MANUFACTURERS  
FOR VEGETABLE AND ANIMAL PRODUCE
- 17/ PARTS MANUFACTURERS AND INTEGRATORS  
FOR THE AGRIFOOD INDUSTRIES
- 18/ AGRIFOOD PACKAGING
- 19/ UNIVERSITIES, RESEARCH AND TRANSFER CENTRES
- 20/ THE MAIN AGRIFOOD BUSINESSES WITH  
HEADQUARTERS BASED IN BRETAGNE
- 21/ INTERNATIONAL INVESTMENT IN THE AGRIFOOD  
SECTOR IN BRETAGNE
- 22/ AGRI-FOOD PLAYERS INVOLVED  
IN EUROPEAN PROJECTS
- 23/ "RED LABEL" PRODUCT TRANSFORMATION FIRMS
- 24/ "AOC / AOP" AND "IGP" PRODUCT TRANSFORMATION  
FIRMS
- 25/ "ORGANIC FARMING"  
COMPANIES TRANSFORMING PRODUCTS  
SUBSCRIBING TO INITIATIVE BIO BRETAGNE
- 26/ DEFENCE AND MANAGEMENT ORGANISATIONS,  
AND INTER-PROFESSIONAL ORGANISATIONS

# Editorial

## BRETAGNE, LEADER OF THE FOOD REVOLUTION

The food industry has undergone drastic changes directly induced by the consumers. They have exacting standards in terms of quality, traceability, food safety, short supply chains and the environment. Eating is not only a physiological need, it has taken a political undertone.

This is an opportunity for Breton food businesses to shine. Innovation has been our major drive for a number of years, striving to develop new products, recipes and forms of distribution that will meet consumers' requirements. We rely on the high quality raw materials produced by professionals who are dedicated to their land and trade. We

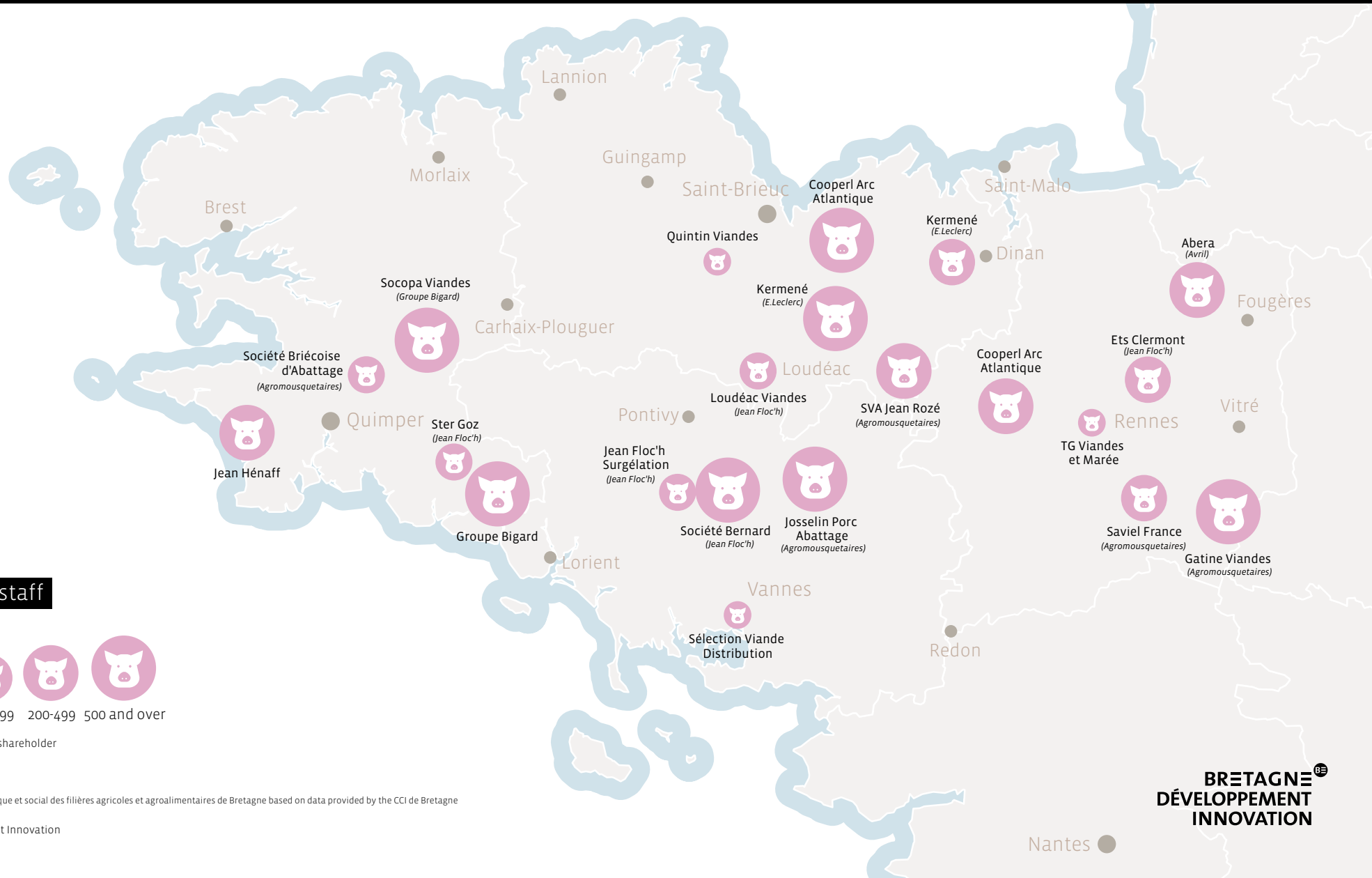
also rely on a network of innovation players in all areas that has recently been complemented with the creation of a CEA Tech to speed up technology transfer.

The businesses at the show perfectly illustrate the ongoing change in Bretagne, driven by future technologies and international development, taking advantage of digital transformation. Région Bretagne is naturally a leading partner in this change and has provided significant resources to make Bretagne a leading region of the current food revolution.

**Loïg Chesnais-Girard**  
President of Région Bretagne

# 01/ PIG SLAUGHTERING AND PORK PROCESSING

Bretagne is France's most important pig slaughter and pork processing region, home to 59% of the country's abattoirs in 2017. As well as the tonnage slaughtered (in total almost 1.3 million tonnes), Breton manufacturers are increasing their efforts with regard to ensuring that the waste carcasses are "recycled", leading them to work on new markets. More than 85% of slaughtered pigs are cut up and preparation premises for Consumer Sales Units (processed, raw, cured or cooked products) are developing to respond to the needs of French, European and world markets. More than one third of Breton slaughter uses tools taken from the retail sector.

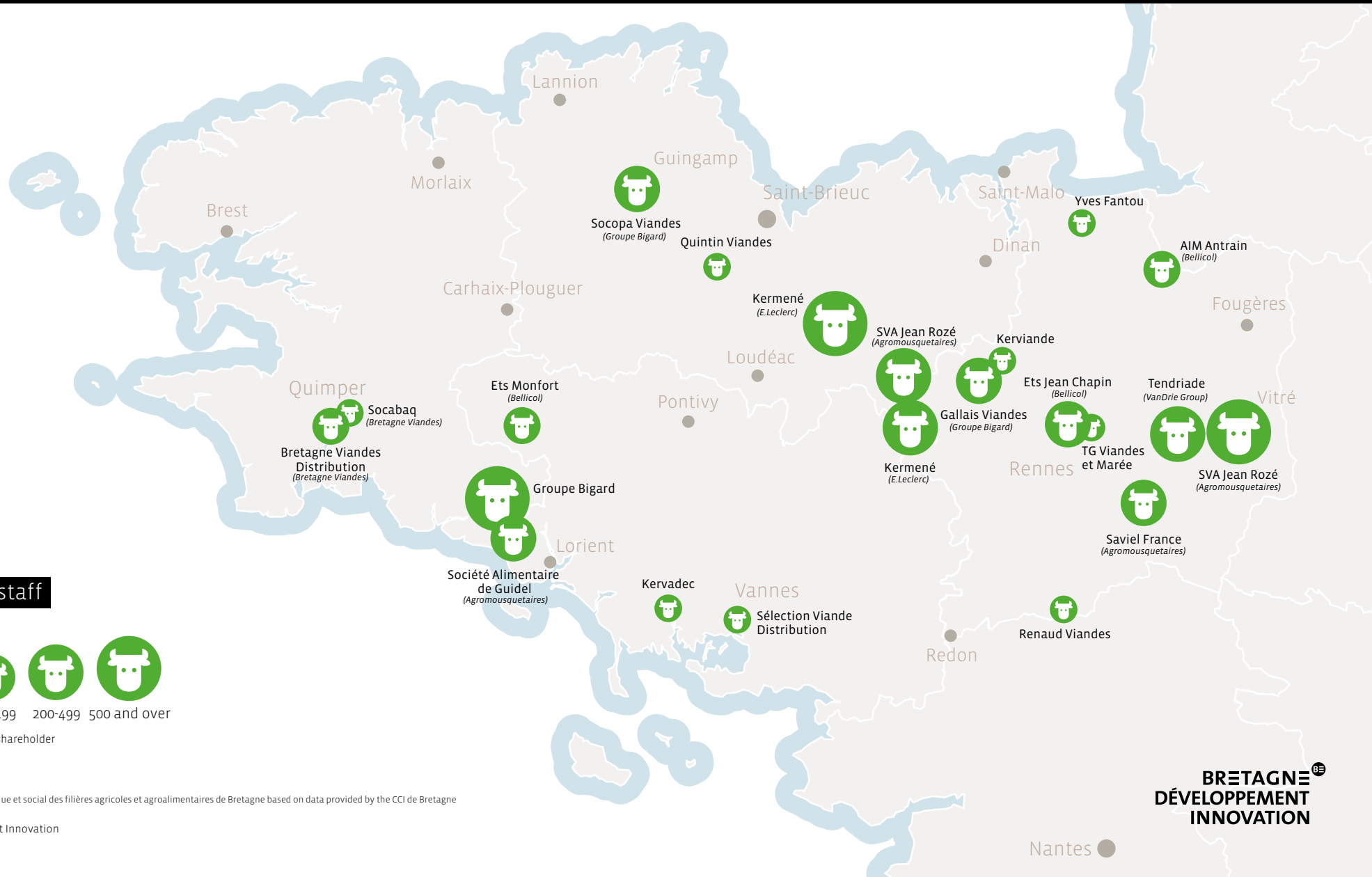


/ Permanent staff

July 2018  
Sources : Observatoire économique et social des filières agricoles et agroalimentaires de Bretagne based on data provided by the CCI de Bretagne  
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# 02/ CATTLE SLAUGHTER AND PROCESSING

Bretagne has a network of modern beef slaughter and processing facilities that are based on diversified production primarily generated from three regions in the West. The region thus covers nearly 37% of national veal calf slaughterers and 20% of adult bovine slaughterers. The largest-scale product production, the rationalisation and modernisation of industrial tools remain priority areas for development and investment for these companies, which are often leaders in France.



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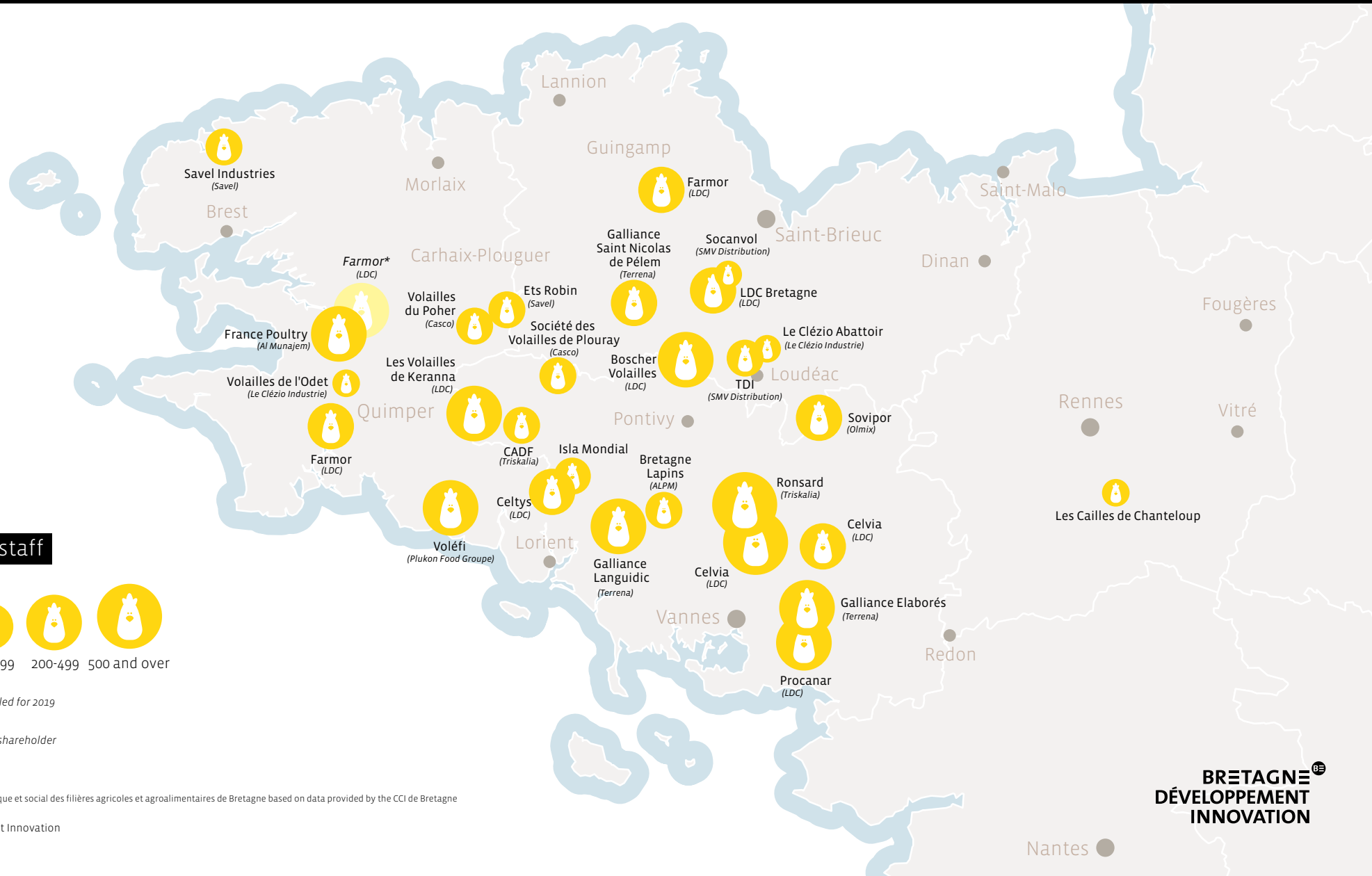
20-49 50-99 100-199 200-499 500 and over

(Name of group): Majority shareholder

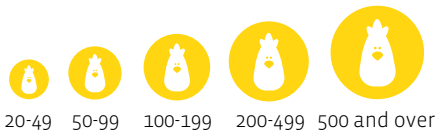
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# 03/ POULTRY SLAUGHTER AND PROCESSING

The Breton sector represents 32% of French chicken production and 40% of turkey meat production in 2017. However, since the late 1990s, poultry production has declined as a result of heavy competition from imported meat in Europe (Brazil, Ukraine, etc.) and more recently intra-European meats (Belgium, Germany, Poland). This decline is particularly marked in turkey, while chicken is less vulnerable. Following a root and branch industrial reorganisation which has taken place in recent years, notably in the export poultry sector, this sector is focused around several companies and groups which are characterised by a diversity of products and markets.



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: (\*) project scheduled for 2019

(Name of group) : Majority shareholder

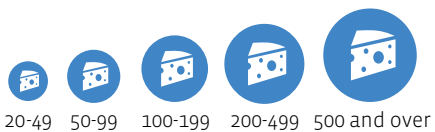
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Sources : Observatoire économique et social des filières agricoles et agroalimentaires de Bretagne based on data provided by the CCI de Bretagne  
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# 04/ DAIRY INDUSTRY

Ensuring more than 23% of France's milk shipments, Bretagne remains an attractive region for international industrial operators as well as for the majority of Breton cooperatives. At a time when market regulations are changing significantly (end of quotas in 2015...), companies have begun a process of concentration within the sector to adapt to tougher competition. They have also invested in tools to consolidate their competitiveness, but also to open up new areas, notably in the children's milk sector.



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(Name of group) : Majority shareholder

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Sources : Observatoire économique et social des filières agricoles et agroalimentaires de Bretagne based on data provided by the CCI de Bretagne  
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**BRETAGNE**  
**DÉVELOPPEMENT**  
**INNOVATION**

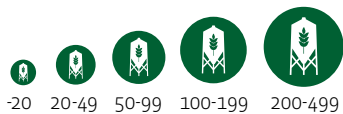
# 05/ ANIMAL FEED

In Bretagne, developments made in the production of food for animals (compound feed, premixes and pet food) followed progress made in the domain of livestock production. With almost 7.7 million tonnes produced (excluding pet food) in 2017 alone, Bretagne is responsible for almost 37% of the national production of animal feed.

The investments made in facilities primarily aim to increase their productivity, food safety (heat treated foods) and the traceability of products while responding to increased market segmentation when it comes to food products (100% vegetable-based feed, GMO-free sector, etc.). The development of products of a higher added value (premixes, fish food, horse food, etc.) is another much pursued area.



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July 2018  
Sources : Observatoire économique et social des filières agricoles et agroalimentaires de Bretagne based on data provided by the CCI de Bretagne  
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# 06/ PORK-BASED COOKED MEATS, SALT MEATS AND CANNED MEATS

A traditional activity in Bretagne, cooked, salt and canned pork meat products are continuing to be developed and totalled almost 386,000 tonnes in 2015 (excluding ready meals and pre-made salads), which is namely 32% of national production. Alongside products such as roast hams and pâtés (a third of national production), a recent and strong trend can be seen in the production of lardons and roasted products essentially created for supermarket deli counters.



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20-49 50-99 100-199 200-499 500 and over

\* The manufacture of cooked meats is not the site's only activity

July 2018  
Sources : Observatoire économique et social des filières agricoles et agroalimentaires de Bretagne based on data provided by the CCI de Bretagne  
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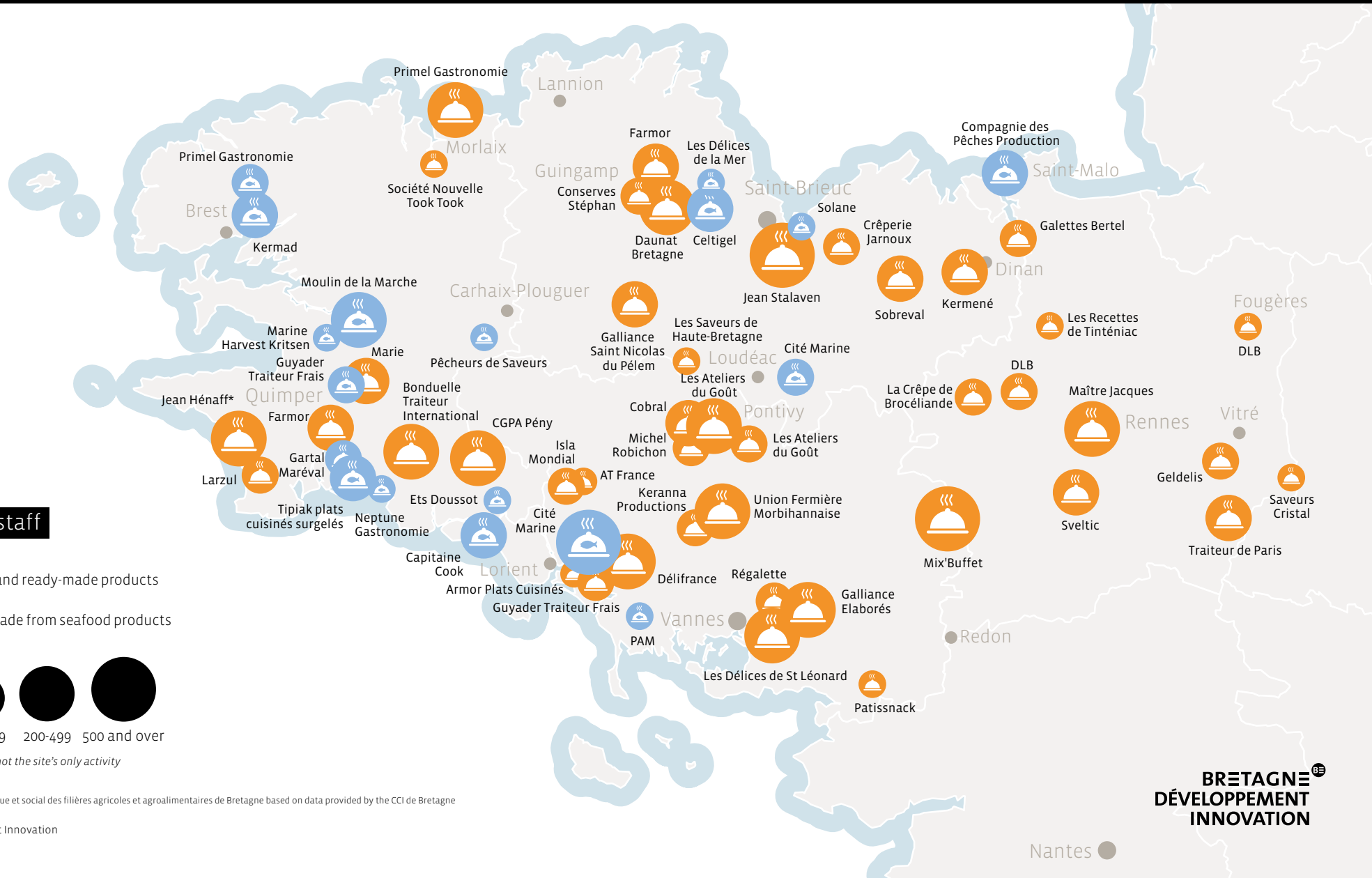
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**BRETAGNE**  
**DÉVELOPPEMENT**  
**INNOVATION**

Nantes ●

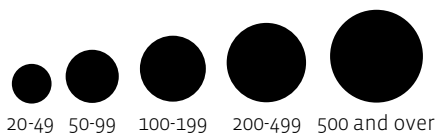
# 07/ READY MEALS AND READY-MADE PRODUCTS

Responding to the growing demand of the market, this sector is seeing a huge increase in the number of companies manufacturing products that are increasingly sophisticated with regard to their content or packaging. These meat, fish or vegetable-based prepared products are sold both fresh and frozen. This activity, which has its roots in diversification aimed at completing a range of existing products, is becoming a source of growth and value added for many Breton agrifood businesses.



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- Ready meals and ready-made products
- Specialities made from seafood products



(\*) The ready-made meal is not the site's only activity

July 2018  
Sources : Observatoire économique et social des filières agricoles et agroalimentaires de Bretagne based on data provided by the CCI de Bretagne  
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# 08/ PROCESSED AND CANNED SEAFOOD PRODUCTS

Closely associated with the image of Bretagne, seafood products are the basis of numerous technological and culinary innovations. As well as the sale of fresh and frozen fish products (92.1 thousand tonnes and a turnover of €302M in 2017), Bretagne is the most important region in France when it comes to the fish trade, generating 28% of France's total turnover in this domain. Bretagne is also the country's biggest seafood processing region (34% of France's total turnover for processing), with, most importantly, the speciality of producing canned seafood products. The production of smoked salmon, smoked fish products, and ready meals and ready-made products made from seafood are also very common activities, often carried out by specialist companies.



/ Permanent staff

-  Canned product
-  Fumaison
-  Processed product



July 2018  
Sources : Observatoire économique et social des filières agricoles et agroalimentaires de Bretagne based on data provided by the CCI de Bretagne  
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# 09/ PROCESSING AND MARKETING OF FRUIT AND VEGETABLES

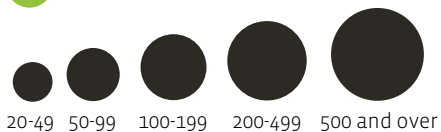
Bretagne's vegetable production is essentially destined for the fresh market in France, but also in Europe. Nationally, Bretagne is in first place in the production of cauliflowers, new potatoes, tomatoes and artichokes. In addition to this, an area of approximately 20,000 hectares of land is sown every year for the production of processed vegetables by around twenty businesses owned by a number of big European companies. Essentially available as canned or frozen products, new products are tending to turn to mixtures of vegetables and production methods that are in line with new consumption practices.



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Industry

Commerce



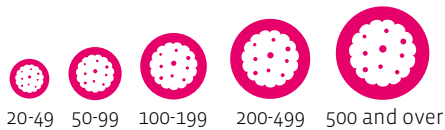
July 2018  
Sources : Observatoire économique et social des filières agricoles et agroalimentaires de Bretagne based on data provided by the CCI de Bretagne  
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# 10/ BREAD, CAKES AND PASTRIES, AND BISCUITS

With a regional turnover of over 1.2 billion euros, Bretagne's bread, cakes and pastries, and biscuits sector is responsible for more than 10% of the national turnover. With more than sixty businesses with more than 20 employees, this sector produces a very diverse range of products, from regional specialities (for example galettes – round flat cakes, crêpes – typical Breton pancake, and butter cakes) to upscale fresh and frozen cakes and pastries. The sector is comprised of SMEs, and micro-enterprises, alongside several national and international market leaders. The development of exports in this sector has been the major trend in recent years.



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July 2018  
Sources : Observatoire économique et social des filières agricoles et agroalimentaires de Bretagne based on data provided by the CCI de Bretagne  
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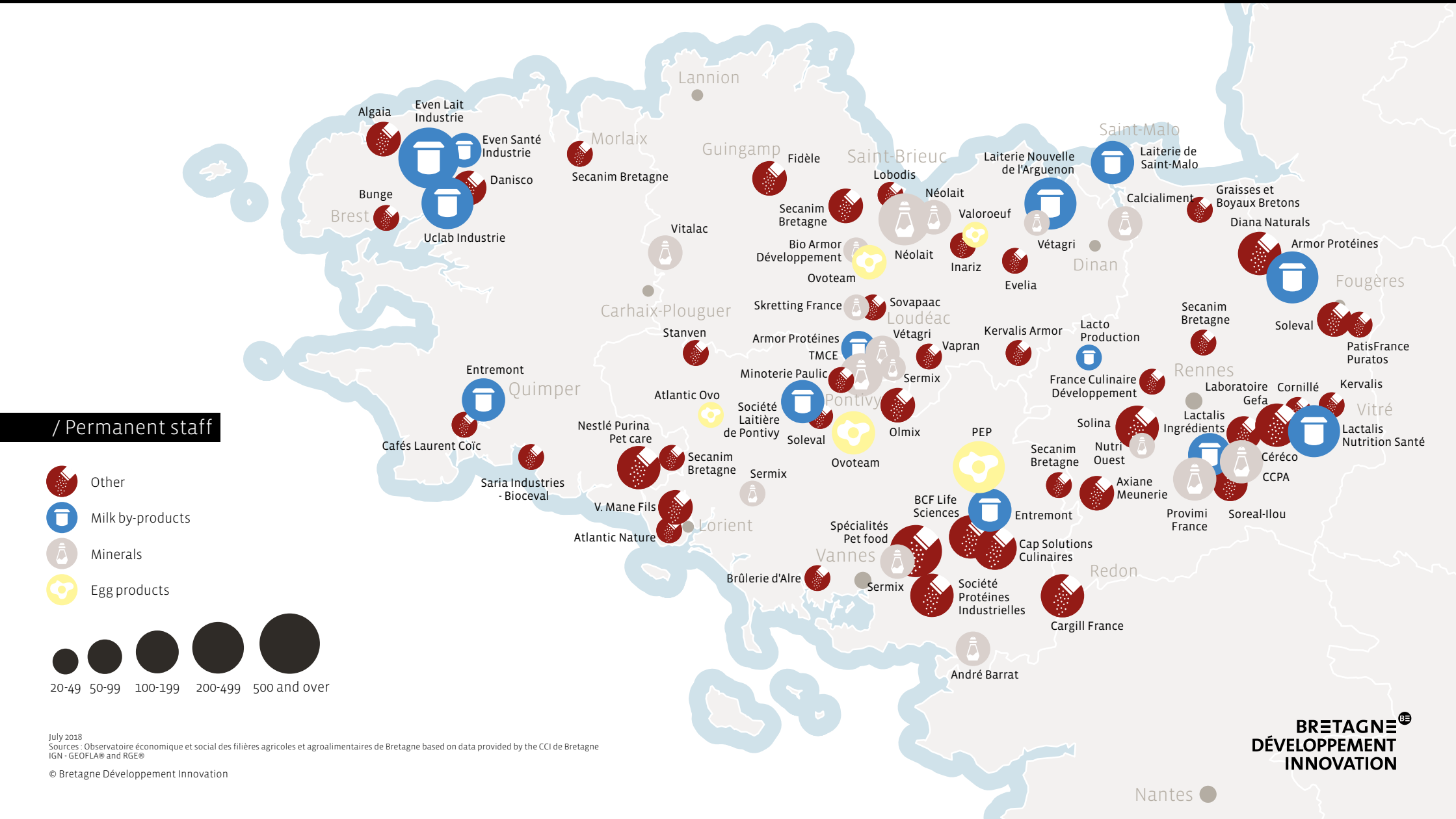
# 11/ BEVERAGES

The emblematic drink of Bretagne, cider is the sector's main production in the region. This product is associated with an image of authenticity and quality. It is produced by SMEs in the cooperative sector for the largest, and by craft businesses for the rest, which process their own apple production but also that of numerous farmers and agricultural operators who sell their farm-produced cider directly. Bretagne has also succeeded in making its local beers a speciality: the sector is composed of independent breweries on a regional scale working alongside numerous craft breweries and microbreweries. In addition, the region has several mineral and natural water sources.



# 12/ INTERMEDIATE FOOD PRODUCTS

Products which have initially undergone industrial processing at least once, IFPs are designed to be incorporated in the production of a final food product. Complementing the basic raw ingredients used, they are chosen by IAAs (agribusinesses and agrifood industries) for their specific functional (binding, giving texture, adding taste, etc.) or nutritional properties. In Bretagne, companies specialising in the production of IFPs (colouring, alginates, animal proteins, etc.) often work closely with companies in the dairy (casein, caseinate), animal feed (service companies), meat and egg sectors.

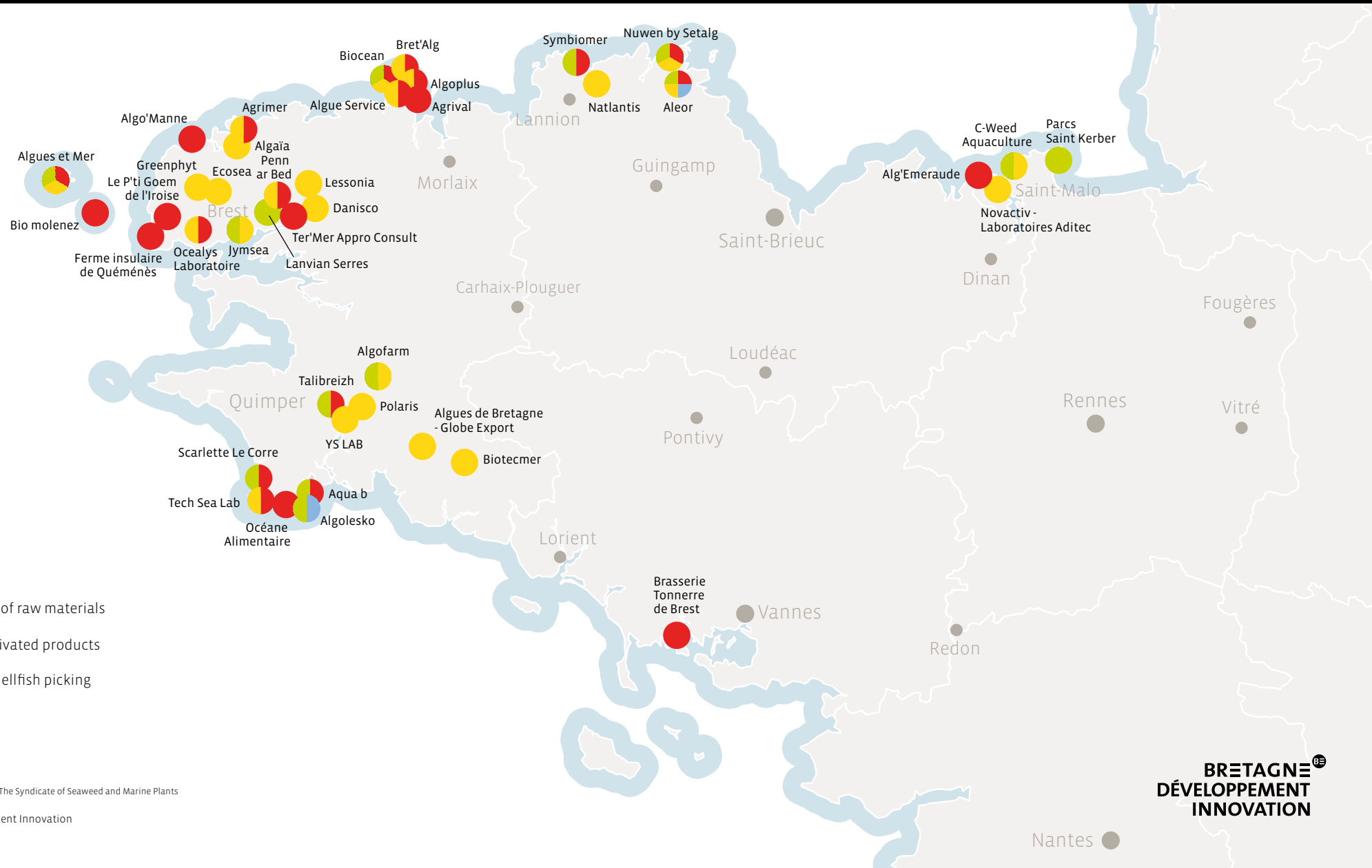


July 2018  
Sources : Observatoire économique et social des filières agricoles et agroalimentaires de Bretagne based on data provided by the CCI de Bretagne  
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# 13/ RAW SEAWEED MATERIALS

Ranked 10th in the world, the production of seaweed in Bretagne (90% of the total volume in France) is for the most part carried out by wrack gathering boats (65,000 tonnes), harvesters on foot (6,000 tonnes) and aquaculture (120 tonnes) which shows high growth potential. A wide variety of seaweed species are naturally found on the coast of Bretagne and are used in food products, cosmetics, health and agricultural as well as in the production of biomaterials.

The collective actions of the Breizh'alg programme run by the Brittany Region support the sustainable development of algal biomass of economic interest in Bretagne and promote the processing of this resource in order to target different markets.



## / Stages

- Processing of raw materials
- Sale of cultivated products
- Harvest: shellfish picking
- Cultivation

July 2018  
 Sources: Breizh'Alg, Brit'Inov, The Syndicate of Seaweed and Marine Plants  
 IGN - GEOFLA® and RGE®  
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# 14/ SEAWEED PROCESSING

23 producers generally carry out the initial processing (drying) and then create several finished products.

72 different processing companies create agrifood, nutritional, cosmetic, phytosanitary, animal health-related and agricultural products, among others.



# 15/ BIOTECHNOLOGY IN THE AGRICULTURE AND AGRIFOOD SECTORS

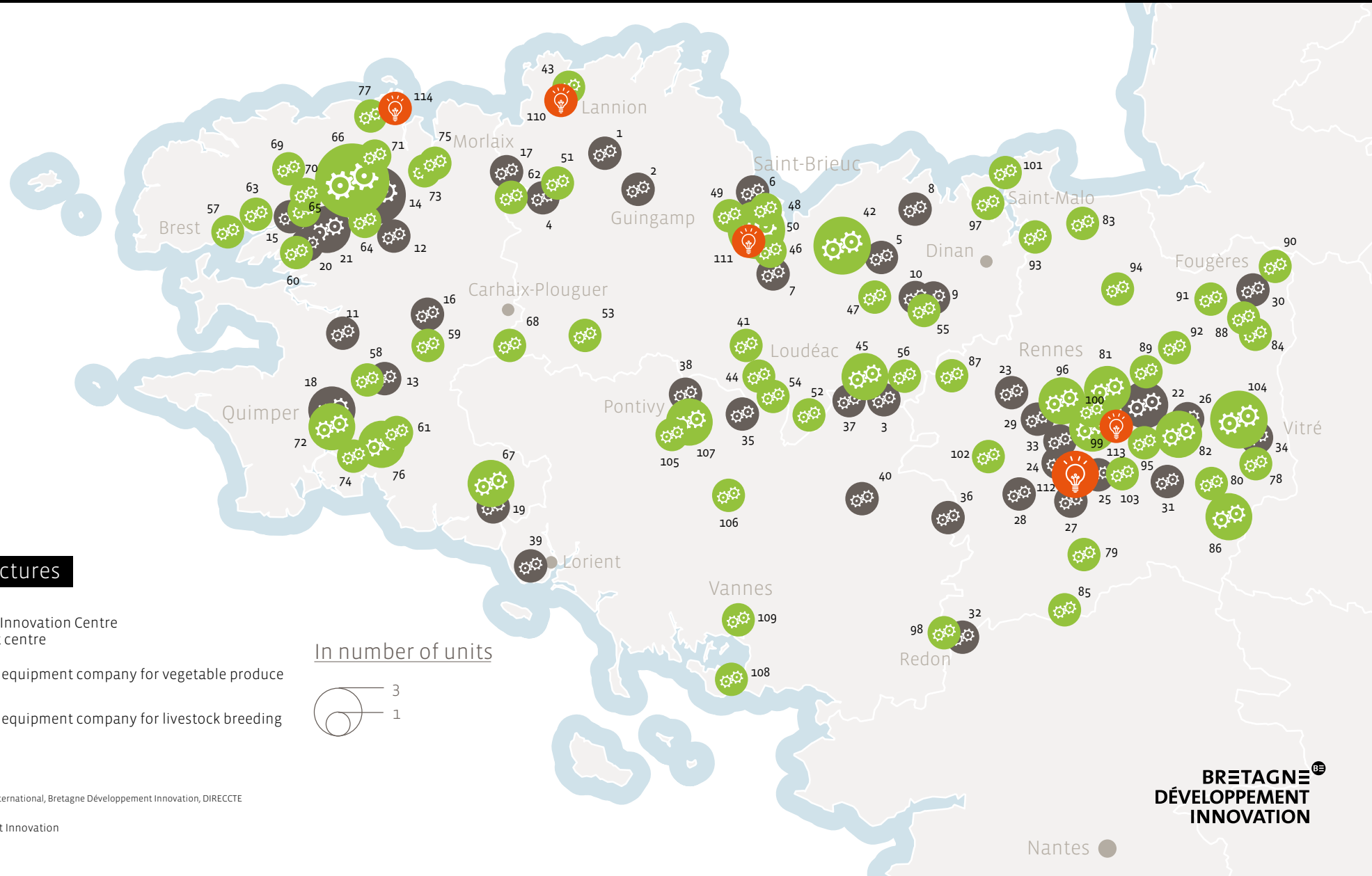
French and European leader in agriculture and agri-food sector, Bretagne has become a key player in the field of agro-biotechnology. Faced with the growth in plant production, livestock farming and fishing, Bretagne has created companies specialised in the processing and recycling of raw materials. As such, more than 150 companies have incorporated biotechnology-related techniques at industrial level. Supported by the Valorial competitiveness cluster, the Adria Développement, ZOOPOLE Développement, CBB Capbiotek, Vegenov, IDMer and CEVA technical centres, as well as the INRA institutes and the ANSES laboratories, powerful actors in the public domain, Bretagne has all of the assets needed to incorporate biotechnologies into its processing methods. Discover the interactive map at [www.capbiotek.fr](http://www.capbiotek.fr).



July 2018  
Sources : CBB Capbiotek, Plug in labs Ouest - Université Bretagne Loire  
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# 16/ AGRIFOOD EQUIPMENT MANUFACTURERS FOR VEGETABLE AND ANIMAL PRODUCE

Bretagne is the largest French agricultural region in terms of production and logically has a significant number of agrifood equipment manufacturers distributed across its region. These agricultural equipment manufacturers and providers of safe and effective solutions are classed into two major categories: agro-equipment manufacturers dedicated to vegetable produce and those dedicated to animal produce. Out of a permanent search for innovation so as to respond to major challenges in competitiveness of the agricultural branches, these companies are integrating an increasing number of new technologies from automation, the internet of things and sensors, photonics and digital sectors, big data, artificial intelligence, blockchain, etc.



## / Type of structures



Technology Innovation Centre and support centre

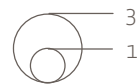


Agricultural equipment company for vegetable produce



Agricultural equipment company for livestock breeding

In number of units



# AGRI FOOD EQUIPMENT MANUFACTURERS FOR VEGETABLE AND ANIMAL PRODUCE

## AGRI FOOD EQUIPMENT MANUFACTURERS FOR VEGETABLE PRODUCE - 45 COMPANIES

01	Brigant Remorques	BEGARD - 22
02	Remorques Chevance	GRACES - 22
03	Atelier de Tolerie de Précision d'Armor (ATPA)	ILLIFAUT - 22
04	Noquélis	LOGUIVY-PLOUGRAS - 22
05	Quero Loic	PLEDELIAC - 22
06	Cozinix	PORDIC - 22
07	Agromat	SAINT-CARREUC - 22
08	Sodimac	SAINT-POTAN - 22
09	Devrand Didier	TREDIAS - 22
10	Axion Metal	TREMEUR - 22
11	Kerhis	CHATEAULIN - 29
12	Sparex	COMMANA - 29
13	Rannou Couchouron	EDERN - 29
14	AEI Technologies, Etablissements Michel Pichon, Kerboas	LANDIVISIAU - 29
15	Etablissements Jaffredou	PENCRAN - 29
16	Armor Industrie	PLONEVEZ-DU-FAOU - 29
17	Etablissements Colleter	PLOUEGAT-MOYSAN - 29
18	Askel - Sofaker, Bourgoin	QUIMPER - 29
19	Armorica Esvan Materiel	QUIMPERLÉ - 29
20	Emily Daniel	SAINT-URBAIN - 29
21	Emily, Etablissements Rolland	TREFLEVEZ - 29
22	Gy Fx, MX	ACIGNÉ - 35
23	Euromark (EMK)	BEDÉE - 35
24	Pateer France	BRUZ - 35
25	Eurl Loic Gruel	CHARTRES-DE-BRETAGNE - 35
26	Sulky Burel	CHATEAUBOURG - 35
27	Acym	LAILLÉ - 35
28	Dilepix	LASSY - 35
29	Jeantil	L'HERMITAGE - 35
30	Belair	PARIGNÉ - 35
31	Établissement Demarest	PIRÉ-SUR-SEICHE - 35
32	Armoricaïne de Fonderie Le Chatelet (AFC)	REDON - 35
33	Oeliatec	SAINT-JACQUES-DE-LA-LANDE - 35
34	Atelier Maintenance Service Agricole	VITRÉ - 35
35	Le Piouffle Eric	GUELTAS - 56
36	Soyl France	GUER - 56
37	Arland Pulverisation	MENEAC - 56
38	Gallais Christian	NEULLIAC - 56
39	Avril Industrie	PLOEMEUR - 56
40	Hydraumatec	PLOERMEL - 56

## AGRI FOOD EQUIPMENT MANUFACTURERS FOR ANIMAL PRODUCE - 89 COMPANIES

41	Michard aviculture	GRACE-UZEL - 22
42	Asserva, Rose Eludis Charpente, Socobati (Calipro)	LAMBALLE - 22
43	Copeeks	LANNION - 22
44	S.E.R.C.A.A.	LOUDÉAC - 22
45	GR Energies, Serupa	MERDRIGNAC - 22
46	Envitec Biogas France	PLEDRAN - 22
47	Eurosom	PLENÉE-JUGON - 22
48	Evalor	PLERIN - 22
49	Kub Process	PLERNEUF - 22
50	Cimac Élevage, Ovoconcept, Rv Biotech	PLOUFRAGAN - 22
51	Europe Composite & Technologies (ECT)	PLOUNEVÉZ-MOEDÉC - 22
52	Mcge	PLUMIEUX - 22
53	Matavicol 22	ROSTRENNEN - 22
54	Montage Installation Industrielle Loudéacienne (MIIL)	SAINT-BARNABÉ - 22
55	I Tek	TREMEUR - 22
56	S.B.K. Batiment	TRÉMOREL - 22
57	SDMO	BREST - 29
58	Westair	BRIEC - 29
59	Dymatel	CHATEAUNEUF-DU-FAOU - 29
60	Bretagne Apiculture	DAOULAS - 29
61	Élevage Materiels et Technologies	ELLIANT - 29
62	3Ei Sas	GUERLESQUIN - 29
63	BPS Metrologie	GUIPAVAS - 29
64	Etablissements Francois Guillem	LAMPAUL-GUIMILIAU - 29
65	Galvelpor	LANDERNEAU - 29
66	B.M.F. Scomet, Celtys, Ecat, Espace Élevage, Etablissements Castel	LANDIVISIAU - 29
67	Ijinus, West Arc	MELLAC - 29
68	Semavi	MOTREFF - 29
69	Le Roux	PLOUDANIEL - 29
70	Ecat-Id	PLOUEDERN - 29
71	Carrer	PLOUVORN - 29
72	Constructions Mécaniques d'Armorique (CMA), Tell	QUIMPER - 29
73	Anavelec	SAINTE-SEVE - 29
74	Tuffigo - Rapidex	SAINT-EVARZEC - 29
75	Teraqua	SAINT-MARTIN-DES-CHAMPS - 29
76	Breizh Brumisation, Econofan Europe	SAINT-YVI - 29
77	Elva	SIBIRIL - 29
78	Ecorel	ARGENTRÉ-DU-PLESSIS - 35
79	Lely France	BAIN-DE-BRETAGNE - 35
80	Groupe Renou	BAIS - 35

81	RF Track, Tibot Technologies	CESSON-SÉVIGNÉ - 35
82	Materlap, Medria	CHATEAUBOURG - 35
83	EMP (Entreprise Métallo Plastique)	DOL-DE-BRETAGNE - 35
84	Fournier	FOUGÈRES - 35
85	Lodi	GRAND-FOUGERAY - 35
86	Etablissements Legras, Orhand	LA GUERCHE-DE-BRETAGNE - 35
87	Pier Services	LE CROUAIS - 35
88	Coquelin Materiel	LECOUSSE - 35
89	Biogaz Planet France	LIFFRÉ - 35
90	Ocene	LOUVIGNÉ-DU-DÉSERT - 35
91	Adaf Somatherm	MAEN-ROCH - 35
92	Alfa Laval Agri - Etablissements Lefort	MÉZIERES-SUR-COUESNON - 35
93	Rototec	MINIAC-MORVAN - 35
94	Etablissements Chevalier	NOYAL-SOUS-BAZOUGES - 35
95	Lead Leroy Concept	NOYAL-SUR-VILAINE - 35
96	Adventiel, Sodalec	PACÉ - 35
97	Sea Tech France	PLEURTUIT - 35
98	Cornelius	REDON - 35
99	Armorgreen, BTS Biogas	RENNES - 35
100	La Fermeture Automatique	SAINT-GRÉGOIRE - 35
101	Tekxia	SAINT-MALO - 35
102	Tertrais Production	TREFFENDEL - 35
103	Agriplan France	VERN-SUR-SEICHE - 35
104	Allflex Europe, Fancom, Fao SN	VITRÉ - 35
105	B.L.G Entreprise	LE SOURN - 56
106	Mat Élevage	MORÉAC - 56
107	Acemo, Ouest Automatisation	PONTIVY - 56
108	Maviho Solutions	SARZEAU - 56
109	Chaudronnerie Industrielle Vannetaise	VANNES - 56

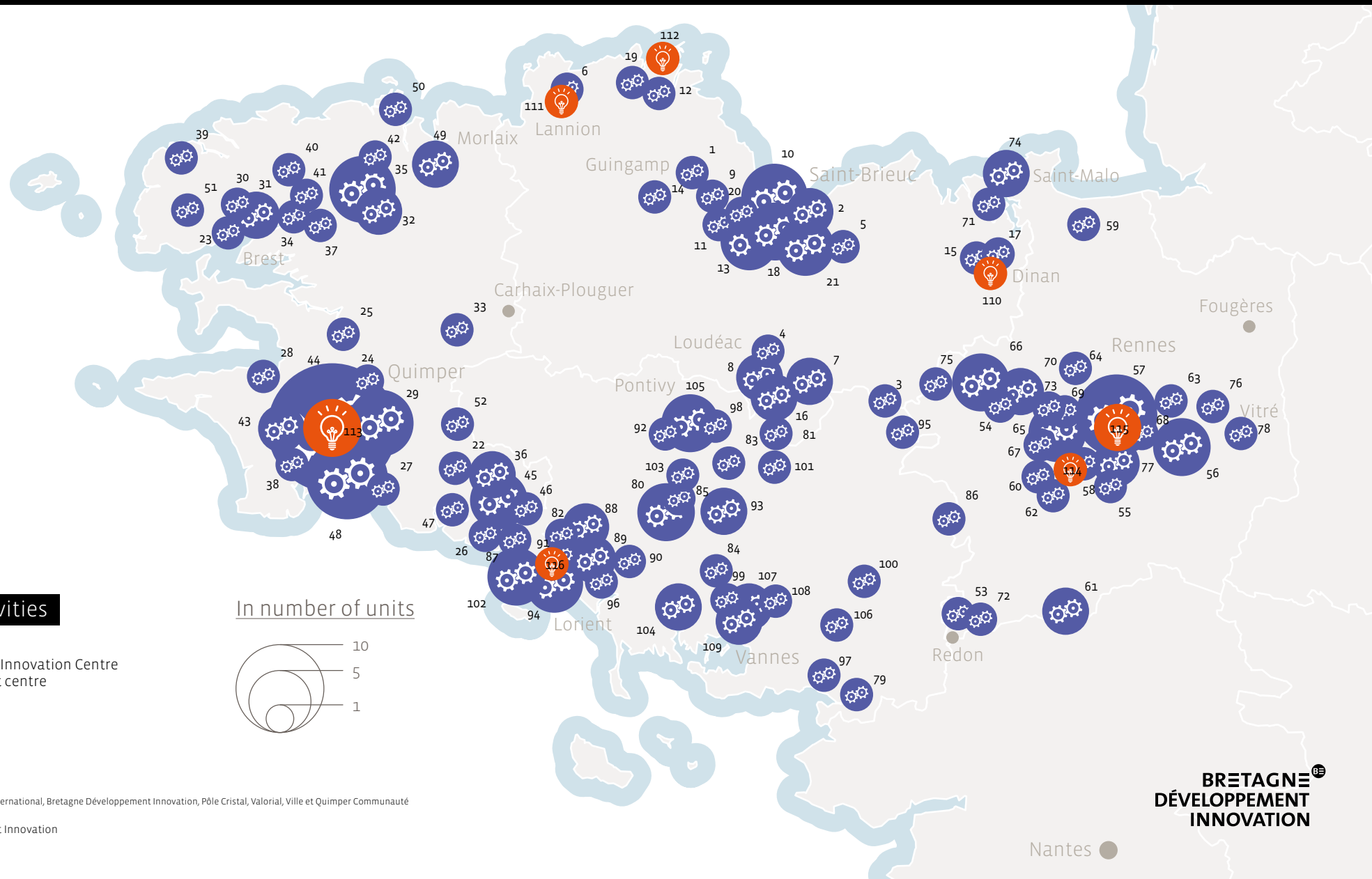
## INNOVATION AND SUPPORT

110	Photonics Bretagne	LANNION - 22
111	Zoopole Développement	PLOUFRAGAN - 22
112	Institut Maupertuis	BRUZ - 35
113	Id4car	CHARTRES-DE-BRETAGNE - 35
114	Bretagne Développement Innovation	CESSON-SÉVIGNÉ - 35
115	Vegepolys	SAINT-POL-DE-LÉON - 29



# 17/ PARTS MANUFACTURERS AND INTEGRATORS FOR THE AGRIFOOD INDUSTRIES

Bretagne is the largest French agricultural region and has some 200 parts manufacturers and integrators who offer solutions for Brittany's agrifood plants as well as at national level and for exports.

These companies design, develop and integrate innovative equipment and processes for the agro-food industries which are constantly seeking performance, productivity and energy efficiency. Consequently, robots, automated processes, connected objects and sensors, big data, artificial intelligence, photonics and other digital solutions are the technological foundations assisting the performance of our agro-food plants of today and tomorrow.



/ Type of activities

-  Technology Innovation Centre and support centre
-  Company

In number of units



# PARTS MANUFACTURERS AND INTEGRATORS FOR THE AGRIFOOD INDUSTRIES

## 183 COMPANIES

01	O S M Ouest Services Maintenance	GOUDELIN - 22
02	A.C.G.S. Mesure, S.B.R.	HILLION - 22
03	Atelier de Tolerie de PrEcision d'Armor (ATPA)	ILLIFAUT - 22
04	GMMI	LA MOTTE - 22
05	Chauffage Industriel	LAMBALLE - 22
06	VFI System	LANNION - 22
07	Biralux Distribution, CouEdic-MadorE Equipement	LES MOULINS - 22
08	FPE - Food Processing Equipment, Segi2A	LOUDEAC - 22
09	Atelier des Landes	PLELO - 22
10	Armor Ventilation S.E.E Gergaud, JF Cesbron, Mine-bea Intec France, Ventil Ouest	PLERIN - 22
11	Mayekawa	PLERNEUF - 22
12	Thereco	PLEUDANIEL - 22
13	Builtis, Le Bozec-Technic Froid, Ovoconcept	PLOUFRAGAN - 22
14	Mecarmor Blanchard	PLOUMAGOAR - 22
15	Systech Energy	QUEVERT - 22
16	MILL, SCAM	SAINT-BARNABE - 22
17	Dynalec	TADEN - 22
18	Agrotech, Poly Concept Inox, SPIE Facilities - Saint-Brieuc	TREGUEUX - 22
19	Scaaf	TREGUIER - 22
20	Armor Precision Meca (Groupe St Industries)	TREMUSON - 22
21	Groupe Api - Imap Armor, Ingeniering Machines Speciales Tregor (LMS), Pactisoud	YFFINIAC - 22
22	S.A.R.L. Penn	BANNALEC - 29
23	JF Cesbron	BREST - 29
24	Fillpack	BRIEC - 29
25	Kerhis	CHATEAULIN - 29
26	LTB	CLOHARS-CARNOET - 29
27	Blys	CONCARNEAU - 29
28	LEF Industries	DOUARNENEZ - 29
29	CTS, Ecma, Larvol, Novimetal	ERGUE-GABERIC - 29
30	A Therm	GOUESNOU - 29
31	BPS Metrologie, SPIE Facilities / SPIE Industrie @ Tertiaire	GUIPAVAS - 29
32	Agro Alimentaire Systeme, Serma	LAMPAUL-GUIMILIAU - 29
33	Balpe	LANDELEAU - 29
34	Chaudronnerie Autret Jean	LANDERNEAU - 29
35	AB Process Ingenierie, Axima REfrigEration, Coaxial Technologie, Fournil-Labo-Service	LANDIVISIAU - 29
36	Ijinus, West Arc	MELLAC - 29
37	Freeze Agro Ingenierie	PENCRAN - 29
38	Bretagne Anti-Adherence	PLOMELIN - 29
39	ETT	PLOUDALMEZEAU - 29
40	Le Lez Process	PLOUDANIEL - 29

41	Societe Guillou Freres	PLOUEDERN - 29
42	Carrer	PLOUVORN - 29
43	Abscisse, Krampouz	PLUGUFFAN - 29
44	A.M2.C, Capic, Comea Process (ERPA), Eams Industrie, Edeis, Froid Guyader, Hema, Jean-Marc Gainche, Lima, Mat'Agro Secma-Cabon, MCA, Ouest Inox, Secma Cabon, Solsin, TzC	QUIMPER - 29
45	Abcis Industries, Guelt, S.N.M	QUIMPERLE - 29
46	Prima Daniel	REDENE - 29
47	ACMG Goalabre	RIEC-SUR-BELON - 29
48	AERA, AEI, ETPACK Sprinter - Groupe Syneric Industries, Secma, Siminox, Solia Concept	SAINT-EVARZEC - 29
49	Arcem, Probia Ingenierie	SAINT-MARTIN-DES-CHAMPS - 29
50	SPIE Industrie & Tertiaire	SAINT-POL-DE-LEON - 29
51	Versa - Informatique Industrielle Automatismes	SAINT-RENAN - 29
52	SARAF	SCAER - 29
53	Sofiac Couedic MadorE	BAINS-SUR-OUST - 35
54	Air Ouest Climatisation (AOC)	BEDEE - 35
55	Le Nerrant (Groupe Sit)	BOURGBARRE - 35
56	M.S. Industrie, Merand, Palamatic Process	BRECE - 35
57	Actemium Rennes, Eiffage Energie Systemes - Maine Bretagne, Gelec (Hybride Energy), Leroy Somer, Oet - Altenov, Thebault Ingenierie	CESSON-SEVIGNE - 35
58	Schneider Electric	CHARTRES-DE-BRETAGNE - 35
59	EMP (Entreprise MEtallo Plastique)	DOL-DE-BRETAGNE - 35
60	BTCI	GOVEN - 35
61	ACP System, Ferotec France	GRAND-FOUGERAY - 35
62	Gillouaye	GUICHEN - 35
63	Guillery Syf	LA BOUEXIERE - 35
64	JF Cesbron	LA MEZIERE - 35
65	APIA Transitube, Meca Projet, SPIE Facilities - Rennes	LE RHEU - 35
66	B C Inox, Boccard, Cofely Axima (Seriaco Froid)	MONTAUBAN-DE-BRETAGNE - 35
67	BA Systemes	MORDELLES - 35
68	EMO	NOYAL-SUR-VILAINE - 35
69	Sodalec	PACE - 35
70	Brenor 35, Clauger	PLEUMELEUC - 35
71	Cimlec	PLEURTUIT - 35
72	SCFO	SAINTE-MARIE - 35
73	RK Flex	SAINT-GILLES - 35
74	AFU MEcanique de PrEcision, Gedouin Ingenierie	SAINT-MALO - 35
75	Alain Leray - Maintenance Industrie	SAINT-MEEN-LE-GRAND - 35
76	Idpack - MG Tech	VAL-D'IZE - 35
77	Bizerba Luceo, Pesage Industriel de l'Ouest	VERN-SUR-SEICHE - 35
78	Diatec	VITRE - 35

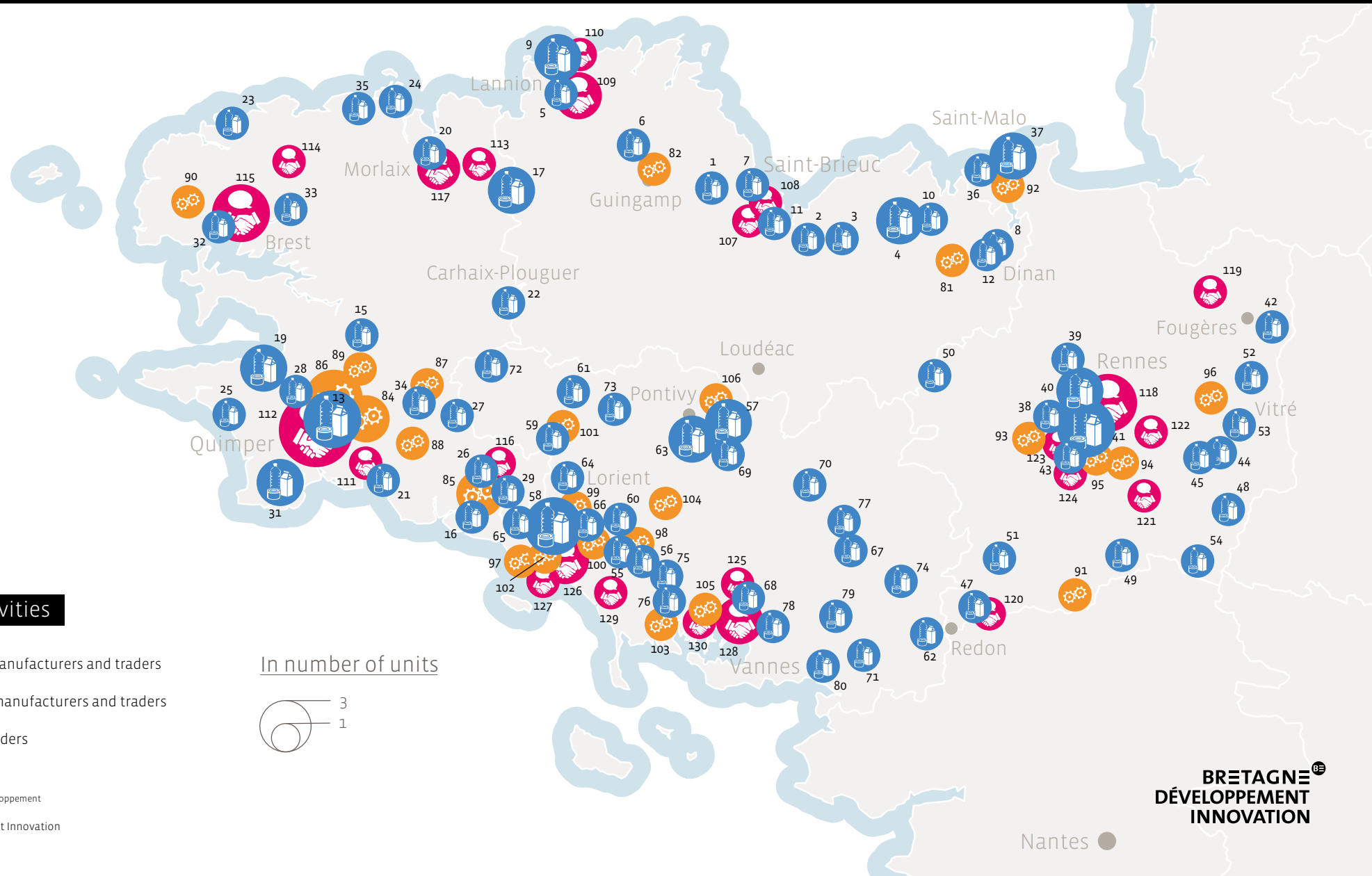
79	Société de Matériel Alimentaire	ARZAL - 56
80	Arial, Chaudronnerie Le Drogo, Marel France	BAUD - 56
81	Bretim	BREHAN - 56
82	SLCE	CAUDAN - 56
83	Agro Maintenance Systeme	EVELLYS - 56
84	STACEM	GRAND-CHAMP - 56
85	S.B.A.I.	GUENIN - 56
86	Conceptogram	GUER - 56
87	E.R.T.A.	GUIDEL - 56
88	M.C.T.I., SOBRA	HENNEBONT - 56
89	SDTN - Krepelek, So.DI-Avi	KERVIGNAC - 56
90	Arbor Technologies	LANDEVANT - 56
91	Becam	LANESTER - 56
92	Le Garrec Entreprise	LE SOURN - 56
93	A C T I L, Id Automatismes	LOCMINE - 56
94	A.E.F., Five Syleps, Haarslev Industries (Sil)	LORIENT - 56
95	Armor Inox	MAURON - 56
96	ATE	MERLEVENEZ - 56
97	West Robotic	MUZILLAC - 56
98	Hydroclean	NOYAL-PONTIVY - 56
99	Radar Automation	PLESCOP - 56
100	Britek	PLEUCADEUC - 56
101	Geothermik	PLEUGRIFFET - 56
102	Alvey Samovie, SPIE Industrie & Tertiaire, Syleps - Sedep	PLOEMEUR - 56
103	Andre Daniel	PLUMELIAU - 56
104	Electro Standard, Sietar et Vti	PLUNERET - 56
105	Acemo, Ouest Automatisation, Pontivy Froid	PONTIVY - 56
106	Meyn France	QUESTEMBERT - 56
107	Arinox, JF Cesbron	SAINT-AVE - 56
108	Food Technology France	SAINT-NOLFF - 56
109	Apsis Technologies, Ouest Matic	VANNES - 56

## INNOVATION AND SUPPORT

110	Pôle Cristal	DINAN - 22
111	Photonics Bretagne	LANNION - 22
112	CEVA	PLEUBIAN - 22
113	ADRIA Développement, Breizpack, CEA Tech Bretagne	QUIMPER - 29
114	Institut Maupertuis	BRUZ - 35
115	Bretagne Développement Innovation - BDI, Valorial	CESSON-SEVIGNE, RENNES - 35
116	ID Mer	LORIENT - 56

# 18/ AGRIFOOD PACKAGING

The packaging industry in Brittany has always supported agrifood companies for all types of products and innovations. Paper packagings, cardboard, molded cellulose, plastic in all forms (films, trays or flasks ...), metal cans, but also equipment manufacturers and traders (unstackers, thermoformers, vacuum machines or modified atmosphere, cartoners, case packers,...) as well as various associated services, such as graphic and volume design, contract packaging, consulting and training.



# AGRI FOOD PACKAGING

## PACKAGING MANUFACTURERS AND TRADERS - 91 COMPANIES

01	Atelier des Landes	PLELO - 22
02	Cartonnages Gourio Sas	POMMERET - 22
03	Grand Ouest Etiquettes	LAMBALLE - 22
04	Houée, Rault Pierre	LANDEBIA - 22
05	Imprimerie Chevalier	LANNION - 22
06	Imprimerie NS	LANDEBAERON - 22
07	Mizenboite	PORDIC - 22
08	Norman Emballages	TADEN - 22
09	Ouest Pack, Syneric Industries	PERROS-GUIREC - 22
10	Samson Emballages Plancoet	PLANCOET - 22
11	San Cayetano	TREGUEUX - 22
12	Société Nouvelle Sameto Technifil	DINAN - 22
13	Ambalia - Cornouaille Emballages, Begood Pack, Bolloré	QUIMPER - 29
15	Apac 29	LOTHEY - 29
16	Ardagh	MOELAN-SUR-MER - 29
17	Argoat Plastiques, Le p'tit imprimeur.bzh	GUERLESQUIN - 29
19	Cap Conditionnements, Franpac	DOUARNENEZ - 29
20	Sefdi Corepe	SAINT-MARTIN-DES-CHAMPS - 29
21	Crown Emballage France	CONCARNEAU - 29
22	DS Smith Packaging Bretagne	CARHAIX-PLOUGUER - 29
23	Embal'jet	PLOUGUERNEAU - 29
24	Europac Cartonnerie de Rouen, Matembal	SAINT-POL-DE-LEON - 29
25	FFP - Foubert papiers et plastiques	PLOZEVET - 29
26	Germay Plast'IC	MELLAC - 29
27	Glatfelter Scaër	SCAER - 29
28	JB Bois	GUENGAT - 29
29	Papeteries de Mauduit	QUIMPERLE - 29
31	Publigraphic, Storopack Molded Parts	PONT-L'ABBE - 29
32	Saeplast	BREST - 29
33	Sobredim	LA FOREST-LANDERNEAU - 29
34	Tamain Emballages	CORAY - 29
35	Techni Pac	CLEDER - 29
36	Agriplas	DINARD - 35
37	Algopack, Tiffany	SAINT-MALO - 35
38	Cartonnage Bretagne Service	LE RHEU - 35
39	Cartonnerie de Maurepas	LA MEZIERE - 35
40	Cenpac, Miko Pac France	SAINT-GREGOIRE - 35
41	Ecolomique, Etiq'Express, Interfas	RENNES - 35
42	Embal'Dis	FLEURIGNE - 35
43	GMT Etiquettes	SAINT-JACQUES-DE-LA-LANDE - 35
44	Knauf Industries Ouest	TORCE - 35
45	La Française des Plastiques (LFP)	LOUVIGNE-DE-BAIS - 35
47	LC Packaging	SAINTE-MARIE - 35
48	Marcojea Production	LA GUERCHE-DE-BRETAGNE - 35

49	RBL Plastiques	ERCE-EN-LAMEE - 35
50	Sacpo	SAINT-MEEN-LE-GRAND - 35
51	SBE - Société Bretonne d'Etiquettes	PIPRIAC - 35
52	S'Pack	CHATILLON-EN-VENDELAIS - 35
53	Techno Papier France	VITRE - 35
54	Temaco	MARTIGNE-FERCHAUD - 35
55	4B Packaging	LANDEVANT - 56
56	ABC Line Cartonnages Gervais	LANDAUL - 56
57	Abzac, Linpac Packaging Pontivy	NOYAL-PONTIVY - 56
58	Armor Emballage, Autajon Labels Lorient, Icones	CAUDAN - 56
59	Bern'Etic	BERNE - 56
60	Bretagne Céramique Industrie	LANGUIDIC - 56
61	Bretagne Emballages	SAINT-TUGDUAL - 56
62	Celluloses de La Loire	ALLAIRE - 56
63	Celtipak, Kalan	SAINT-THURIAU - 56
64	Cerimport	PLOUAY - 56
65	CGL Pack	GESTEL - 56
66	Concept Imprimerie	HENNEBONT - 56
67	Conservor	SAINT-MARCEL - 56
68	DC Ouest	SAINT-AVE - 56
69	Ecofeutre	EVELLYS - 56
70	Europac Cartonnerie de Bretagne	GUEGON - 56
71	Hertus Industries	PEAULE - 56
72	Impri'Plast	GOURIN - 56
73	Knauf Industries Ouest	GUEMENE-SUR-SCORFF - 56
74	Martinet et Hirondelle	SAINT-MARTIN-SUR-OUST - 56
75	MD Plast	BRECH - 56
76	Plastobreiz	AURAY - 56
77	Semaq Emballages	VAL-D'OUST - 56
78	Somater	THEIX-NOYALO - 56
79	Thermoformage Industrie	QUESTEMBERT - 56
80	Thibault Bergeron	MUZILLAC - 56

## EQUIPMENT MANUFACTURERS AND TRADERS - 29 COMPANIES

81	Columbia France	VILDE-GUINGALAN - 22
82	Ktrium	PABU - 22
84	Ecma, Newpack	ERGUE-GABERIC - 29
85	Guelt, Société Nouvelle de Mécanique	QUIMPERLE - 29
86	Hema, Minipack, Secma-Cabon	QUIMPER - 29
87	Letang Fils	CORAY - 29
88	Mondini - Matequip	ROSPORDEN - 29
89	Serop Concept	BRIEC - 29
90	Versa	SAINT-RENAN - 29
91	ACP System	GRAND-FOUGERAY - 35

92	AFU Mécanique de précision (Etiq Conserves)	SAINT-MALO - 35
93	Ba Systèmes	MORDELLES - 35
94	Bizerba Luceo	VERN-SUR-SEICHE - 35
95	GMT Etiquettes	SAINT-JACQUES-DE-LA-LANDE - 35
96	ID pack	VAL-D'IZE - 35
97	Alvey Samovie	PLOEMEUR - 56
98	Arbor Technologies	LANDEVANT - 56
99	Armor Emballage	CAUDAN - 56
100	Ati-Ouest	HENNEBONT - 56
101	Bern'Etic	BERNE - 56
102	Five Syleps	LORIENT - 56
103	Latinpack - Lassoudry Agence Ouest	CRACH - 56
104	Marel France	BAUD - 56
105	Mpdys	PLOEREN - 56
106	Sodima Ouest	NOYAL-PONTIVY - 56

## SERVICE PROVIDERS - 35 COMPANIES

107	Des ronds dans l'eau	SAINT-BRIEUC - 22
108	ELR Développement	PLERIN - 22
109	Isytech, La Raffinerie	LANNION - 22
110	Ouest Pack	PERROS-GUIREC - 22
111	Actuaplast	LA FORET-FOUESNANT - 29
112	Alain Louarn - Graphiste, Elle & Lui Communication, Embal-Ix, K unique, Soho!	QUIMPER - 29
113	Appaloosa	PLOUIGNEAU - 29
114	Archanges	PLOUDANIEL - 29
115	Carré Noir, Image de Marque, Oui Design	BREST - 29
116	LCS - Logistique Conditionnement Stockage	MELLAC - 29
117	Octobre, Wib	MORLAIX - 29
118	Autrement, Les Créatifs Du Dernier Mètre - LCDM Design, Point Cardinal	RENNES - 35
119	Essencia	MAEN-ROCH - 35
120	Harmonie Découpe	SAINTE-MARIE - 35
121	Initiales Créatives	JANZE - 35
122	Linde Gas	NOYAL-SUR-VILAINE - 35
123	Pro Spare	SAINT-JACQUES-DE-LA-LANDE - 35
124	Solutions Productives	BRUZ - 35
125	Agence & Go	SAINT-AVE - 56
126	Air Liquide France Industrie, People Studio	LORIENT - 56
127	Avencir - Youston	LARMOR-PLAGE - 56
128	Les arbres fruitiers, Process Blue	VANNES - 56
129	Mobeefox	BELZ - 56
130	Mpdys	PLOEREN - 56



# 19/ UNIVERSITIES, RESEARCH AND TRANSFER CENTRES

Bretagne is endowed with an extensive network of schools, basic or applied research centres and technology transfer centres. Partner of Breton companies, within the framework of the “Valorial” competitiveness cluster and Act Food Bretagne, federation of 5 Brittany technical centres (Adria Développement, CEVA, IDmer, Vegenov and Zoopôle Développement), this network contributes to the development of new products and manufacturing processes and puts its skills to good use for the benefit of agrifood industries engaging in research and development programmes.
















# RESEARCH TEAMS WITHIN THE FOOD INDUSTRY SECTOR

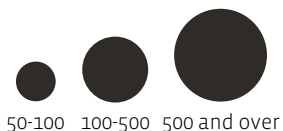
01	Analysis of Residues and Contaminants	ANSES Fougères	FOUGÈRES
02	Antibiotics, Biocides, Residues and Resistance	ANSES Fougères	FOUGÈRES
03	Toxicology of Contaminants	ANSES Fougères	FOUGÈRES
04	Nematology Unit (plant parasites - Rennes)	ANSES Angers	LE RHEU
05	IGEPP - Institute of genetics, environment and plant protection	INRA - Agrocampus Ouest - Université de Rennes 1	LE RHEU
06	Regulated diseases of fish	ANSES Ploufragan / Plouzané	PLOUFRAGAN
07	Virology, immunology and parasitology in poultry and rabbits	ANSES Ploufragan / Plouzané	PLOUFRAGAN
08	Epidemiology and welfare in pigs	ANSES Ploufragan / Plouzané	PLOUFRAGAN
09	Epidemiology and welfare in poultry and rabbit farming	ANSES Ploufragan / Plouzané	PLOUFRAGAN
10	Viral genetics and biosafety	ANSES Ploufragan / Plouzané	PLOUFRAGAN
11	Hygiene and quality of poultry and pig products	ANSES Ploufragan / Plouzané	PLOUFRAGAN
12	Mycoplasmology – bacteriology	ANSES Ploufragan / Plouzané	PLOUFRAGAN
13	Pig immunology and virology	ANSES Ploufragan / Plouzané	PLOUFRAGAN
14	University Laboratory for Biodiversity and Microbial Ecology	Université de Bretagne Occidentale	PLOUZANE
15	Polyphenols, Reactivity, Processes (PRP)	INRA Nantes	LE RHEU
16	Biochemistry - Human Nutrition	Agrocampus Ouest - INRA	RENNES
17	Soft Matter Department - Rennes Institute of Physics	Université de Rennes 1 - CNRS	RENNES
18	Ecology and health of ecosystems	INRA - Agrocampus Ouest	RENNES
19	Biodiversity, Agroecology and Landscape Management (BAGAP)	INRA	RENNES
20	Fish physiology and genomics (LPGP)	INRA	RENNES
21	Optimization of Processes in Agriculture, Agri-food and the Environment (OPAALE)	IRSTEA	RENNES
22	Science and technology of milk and eggs (STLO)	INRA - Agrocampus Ouest	RENNES
23	Soil, Agro- and Hydro-systems, spatialization (SAS)	INRA - Agrocampus Ouest	RENNES
24	Agricultural structures and markets, resources and territories (SMART)	INRA - Agrocampus Ouest	RENNES
25	Physiology, Environment, and Genetics for the Animal and Livestock Systems (PEGASE)	INRA - Agrocampus Ouest	SAINT-GILLES

# 20/ THE MAIN AGRIFOOD BUSINESSES WITH HEADQUARTERS BASED IN BRETAGNE

Bretagne is home to a large number of agrifood businesses whose headquarters are based in the region, some of which are major international companies. Though all of the aforementioned areas of activity are present, decision-making centres in Bretagne in particular concern businesses in the animal sector (pork, cattle, animal feed and versatile companies), most often with family or cooperative-owned capital, but also capital from groups in French retail.

/ Activity and turnover (in millions of euros)

-  Animal feed
-  Bread, cakes and pastry
-  Butcher's meat (lamb, beef, veal, pork)
-  Cattle
-  Combined products
-  Intermediate food products
-  Milk
-  Pork
-  Poultry
-  Ready meals
-  Salted cooked meats
-  Seafood products
-  Vegetables



July 2018  
Sources : Observatoire économique et social des filières agricoles et agroalimentaires de Bretagne, based on data provided by the CCI de Bretagne  
IGN - GEOFLA® and RGE®

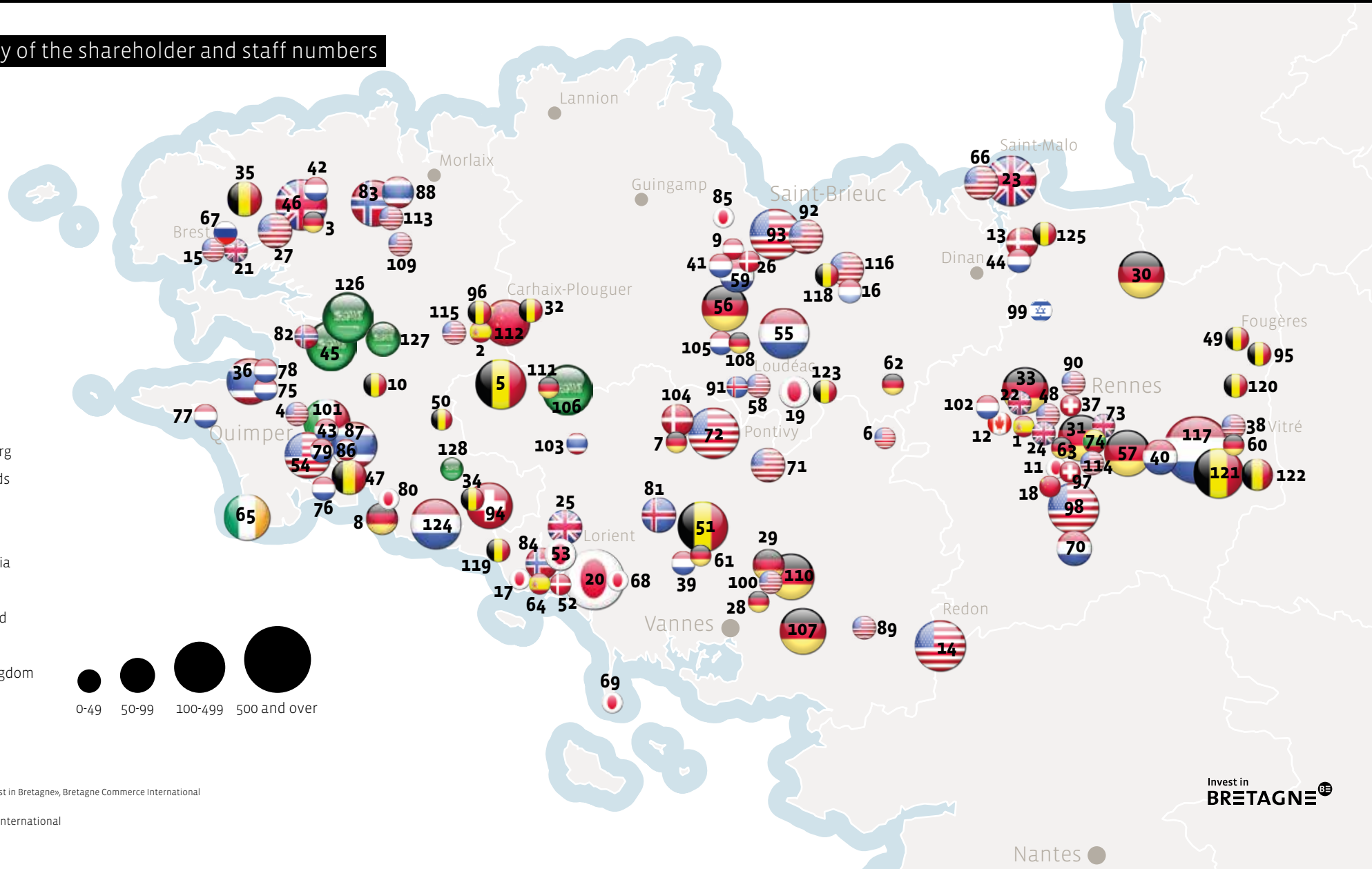
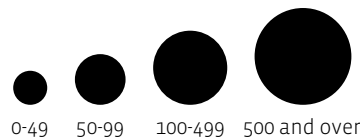


# 21/ INTERNATIONAL INVESTMENT IN THE AGRIFOOD SECTOR IN BRETAGNE

128 sites, about 10 000 jobs, 22 nationalities (please refer to the back of this map for companies' names). Data are extracted from the regional observatory on international investment, ran by Bretagne Commerce International. The methodology used is the following: a foreign investor must have acquired directly at least 10% of the share capital of company located in Bretagne. The Breton entity has to be registered under a business identification (SIRET) number.

## / Nationality of the shareholder and staff numbers

-  Austria
-  Belgium
-  Canada
-  China
-  Denmark
-  Germany
-  Iceland
-  Ireland
-  Israel
-  Italy
-  Japan
-  Lithuania
-  Luxembourg
-  Netherlands
-  Norway
-  Russia
-  Saudi Arabia
-  Spain
-  Switzerland
-  Thailand
-  United Kingdom
-  USA



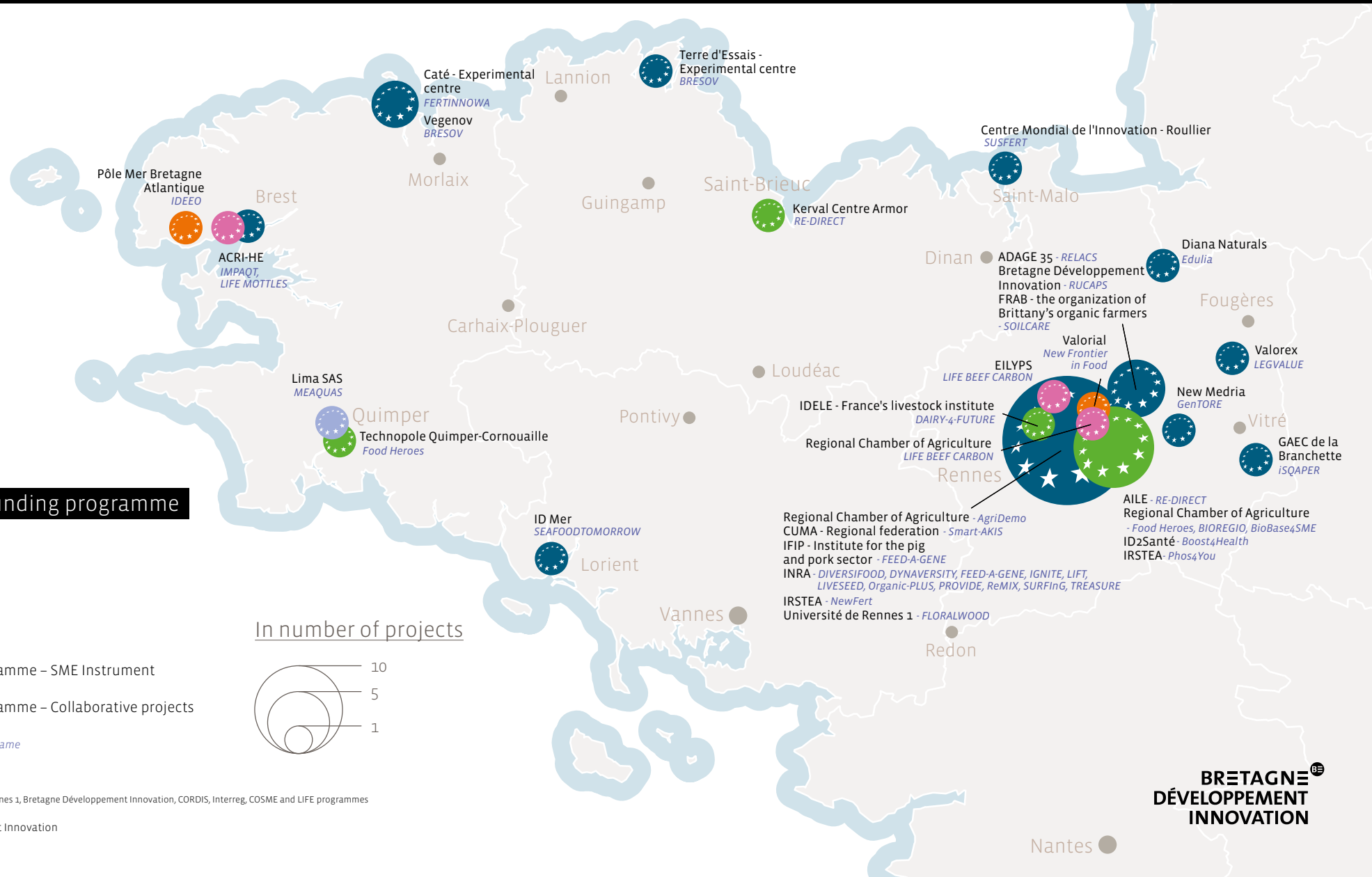
# THE FOOD INDUSTRY SECTOR IN BRETAGNE

1 2F Ouest	33 Etablissements Blin	65 La Houle	97 Procsea France
2 2F Ouest	34 Etablissements Doussot	66 Laboratoires Goëmar	98 Provimi France
3 ACO Funki France	35 Etablissements Goasduff	67 Le Confetti Gourmand	99 RMH France
4 AM2C	36 Etablissements Paul Paulet	68 Le Roux	100 Royal Canin France
5 Ardo	37 Etalon France	69 Le Roux	101 Saupiquet
6 Armor Inox	38 Fancom	70 Lely France	102 Schippers France
7 Aviagen Turkeys France	39 France Boissons Bretagne Normandie	71 Les Ateliers du Goût	103 Sea Value Atlantic
8 Biocéval	40 France Boissons Bretagne Normandie	72 Les Ateliers du Goût	104 Skiold Acemo
9 Biomin France	41 France Boissons Bretagne Normandie	73 Lightbody Europe	105 Skretting France
10 Biscuiterie Le Glazik	42 France Boissons Bretagne Normandie	74 Litfert	106 Société des Volailles de Plouray (ex Doux)
11 Bretagne Express	43 France Boissons Bretagne Normandie	75 Makfroid	107 Société de Protéines Industrielles
12 BWC Europe Distribution	44 France Boissons Bretagne Normandie	76 Makfroid	108 Sovapaac
13 Calcialiment Vilofoss	45 France Poultry (ex Doux)	77 Makfroid	109 Sparex
14 Cargill France	46 Froneri France / Rolland	78 Makfroid	110 Spécialités Pet Food
15 Cargill France	47 Gartal	79 Makfroid	111 Stanven
16 Casco	48 Genesis	80 Makurazaki France Katsuobushi	112 Synutra France International
17 Celladon	49 Global Nutrition International	81 Marel France	113 Sysco France
18 Choice Genetics France	50 Greencap	82 Marine Harvest Kritsen	114 Sysco France
19 Cité Marine	51 Greenyard Frozen France	83 Marine Harvest Kritsen	115 Sysco France
20 Cité Marine	52 Haarslev Industries	84 Marine Harvest Kritsen	116 Sysco France
21 Cocked Hat Farm Foods Limited	53 Halieutis Fish & Co	85 Mayekawa	117 Tendriade
22 Combicut	54 Hema	86 Meralliance	118 Valoroeuf
23 Compagnie des Pêches de Saint-Malo	55 Hendrix Genetics Turkeys France	87 Meralliance Armoric	119 Vandemoortele Bakery Products France
24 Comptoir de Bretagne	56 Hubbard	88 Meralliance Logistique	120 Vandemoortele Bakery Products France
25 Couvoir Le Sayec	57 Hubbard	89 Meyn France	121 Vandemoortele Bakery Products France
26 Danbred France	58 Hy-Line France	90 Monsanto	122 Vandemoortele Bakery Products France
27 Danisco	59 ISA (Institut de Sélection Animale)	91 MPS France	123 Vapran
28 Diana	60 Kervalis	92 Néolait	124 Volefi
29 Diana Aqua	61 Kervalis	93 Néolait	125 World Dairy Ingredients
30 Diana Food	62 Kervalis	94 Nestlé Purina Petcare France	126 Yer Breizh (ex Doux)
31 Diana Food	63 KF Bretagne	95 Patisfrance - Puratos	127 Yer Breizh (ex Doux)
32 Dujardin Bretagne	64 Krustanord	96 Piment Vert	128 Yer Breizh (ex Doux)

# 22/ AGRI-FOOD PLAYERS INVOLVED IN EUROPEAN PROJECTS

In Brittany the economic agrifood actors have been involved in 39 European projects from 2014 to 2017. This European involvement is aligned with their long date collaborative abilities.

Through the implementation of several European tools, Brittany improves on various subjects from the territorial strategy, research, rural development, to commercialisation of new products. Brittany also benefits from a strong research network in agriculture, fisheries, aquaculture, food process, and IT. Since 2014, 14 research projects have been reinforcing agrifood sectors capacities.



July 2018  
Sources : 2PE – Université de Rennes 1, Bretagne Développement Innovation, CORDIS, Interreg, COSME and LIFE programmes  
IGN - GEOFLA® and RGE®

# 23/ "RED LABEL" PRODUCT TRANSFORMATION FIRMS

The "Red Label" certifies that a product has a level of quality better than that of similar products usually sold. This level of quality is conferred by its production or manufacturing conditions indicated in specifications deposited with the INAO. Around fifty "red label" specifications are listed in Brittany. In 2017, a total of 1,756 farms and 43 transformation companies constituted the "Red Label" sectors in Brittany.



July 2018  
Sources : Survey of Defense and Management Organisations by Regional Chamber of Agriculture  
IGN - GEOFLA® and RGE®

# 24/ "AOC / AOP" AND "IGP" PRODUCT TRANSFORMATION FIRMS

The Appellation d'Origine Contrôlée and the Appellation d'Origine Protégée (Protected Designation of Origin, or PDO) are given to a product originating from a region or a specific location whose quality and characteristics are the result of this specific geographic environment.

The Indication Géographique Protégée (Protected Geographical Indication, or PGI) is applied when the name of a region, specific place or, in exceptional cases, a country is used in the description of an agricultural product or foodstuff originating from this region, this specific place or this country.

Bretagne has 6 AOC/AOP and 6 IGP for farmed products. In 2017, a total of 1,052 farms and 81 transformation firms constituted these sectors.

## / Indication category

-  AOC / AOP Cidre de Cornouaille (cider from Cornouaille)
-  AOC / AOP Coco de Paimpol (white beans from Paimpol)
-  AOC Eau de vie de cidre : Fine Bretagne et Lambig de Bretagne (two types of Calvados brandy)
-  AOC / AOP Oignons de Roscoff (onions from Roscoff)
-  AOC Pommeau de Bretagne (type of alcoholic apple juice from Brittany)
-  AOC / AOP Prés-salés du Mont-Saint-Michel (Lamb)
-  IGP Cidre de Bretagne (cider from Brittany)
-  IGP Farine de blé noir de Bretagne (buckwheat flour from Brittany)
-  IGP Pâté de Campagne Breton (country-style pâté)
-  IGP Volailles de Bretagne (farmhouse poultry from Brittany)
-  IGP Whisky Breton (Breton whisky)



July 2018  
Sources : Survey of Defense and Management Organisations by Regional Chamber of Agriculture  
IGN - GEOFLA® and RGE®



# 25/ "ORGANIC FARMING"

## COMPANIES TRANSFORMING PRODUCTS SUBSCRIBING TO INITIATIVE BIO BRETAGNE

Organic Farming certifies that a product results from a production and processing method that respects the natural balances defined in very strict specifications with systematic checks.

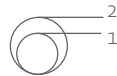
In 2017, 2,726 farms and 980 transformation companies represent the organic sectors in Bretagne.

Source : FRAB 2018, Organic Agency, 2018

### / Category of products

- Beverages
- Bread, cakes and pastries, and biscuits
- Condiment
- Cooked meat – salt meat
- Crêpes (typical French «pancakes») and galettes (round flat cakes)
- Dairy products
- Egg and egg products
- Fruit and vegetables
- Grains and flour
- Meat
- Other products
- Ready-made products and salads
- Seafood products
- Seaweed
- Various products

In number of units



July 2018  
Sources : Initiative Bio Bretagne  
IGN - GEOFLA® and RGE®

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# 26/ DEFENCE AND MANAGEMENT ORGANISATIONS, AND INTER-PROFESSIONAL ORGANISATIONS

Organismes de Défense et de Gestion (defence and management organisations, or ODG) are at the heart of the Signes d'Identification de la Qualité et de l'Origine (logos for identifying quality and origin, the SIQO) system and respond to the obligations set out by the rural code:

- Development of specifications and contribution to their application;
  - Participation in the defence and protection of a name, a product and an area;...
- ODGs are all composed differently: trade unions, organisations and interprofessional organisations. All decisions made by an ODG are democratic and are made by representative companies from the sector and an equal number of representatives from the various categories of company.



## / Type of certification

-  Agriculture Biologique (Organic Farming)
-  Appellation d'Origine Contrôlée (Protected Designation of Origin)
-  Indication géographique protégée (Protected Geographical Indication)
-  Label Rouge (Red Label)
-  Spécialité Traditionnelle Garantie (Traditional Speciality Guaranteed)

July 2018  
Sources : The National Institute of origin and quality (INAO)  
IGN - GEOFLA® and RGE®

\*Non-exhaustive information; only companies that responded to the « Company quality procedures» survey conducted by the COCEB are mentioned

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