



Investment Opportunities in Lille-Region – France

COMPETITIVENESS CLUSTER

NUTRITION HEALTH LONGEVITY

CLUSTER

AT THE CROSSROADS BETWEEN
NUTRITION, BIOLOGY & HEALTH



Lille, a prime location



- With **2.2 million inhabitants**, Lille is the largest crossborder city in Europe, the **Number 2 metropolis in France**



- A dynamic region with
 - 85 private industrial research centers
 - 6,500 researchers and teachers/researchers
 - Over 300 public and para-public laboratories
 - 7 competitiveness clusters

•The ***Eurasanté Bio-Business Park***, where numerous NHL Cluster members have converged, spans 350 hectares and hosts **13,000 healthcare professionals**, active in **120 companies**, **50 research laboratories**, **7 hospitals**, **4 universities** and **5 specialized training institutes**.

NHL's mission and strategic orientations

Missions

- ✓ To bring together actors of the Food and Health industries and **driving innovation in the Nutrition sector**
- ✓ To face together the sanitary and social demand associated to the rise of **lifestyle related pathologies***

Strategic orientations

✓ **Protection of human health and wellbeing through nutrition :**

- Functional food and ingredients
- nutritional quality

✓ **Diagnosis and treatment of lifestyle related pathologies***: lead optimisation, drug design, preclinical and clinical testing...



Preventive, diagnostic & therapeutic solutions against lifestyle related pathologies *

- Omics techniques
- Biomarkers
- Toxicity / efficacy relations
- Alternative in vitro and computer models
- Behaviour

Health & well-being through healthy, safe and sustainable food

- Animal feed
- Valorization of waste / by-products
- Clean processes
- Ecotoxicity
- Plant breeding and crossing



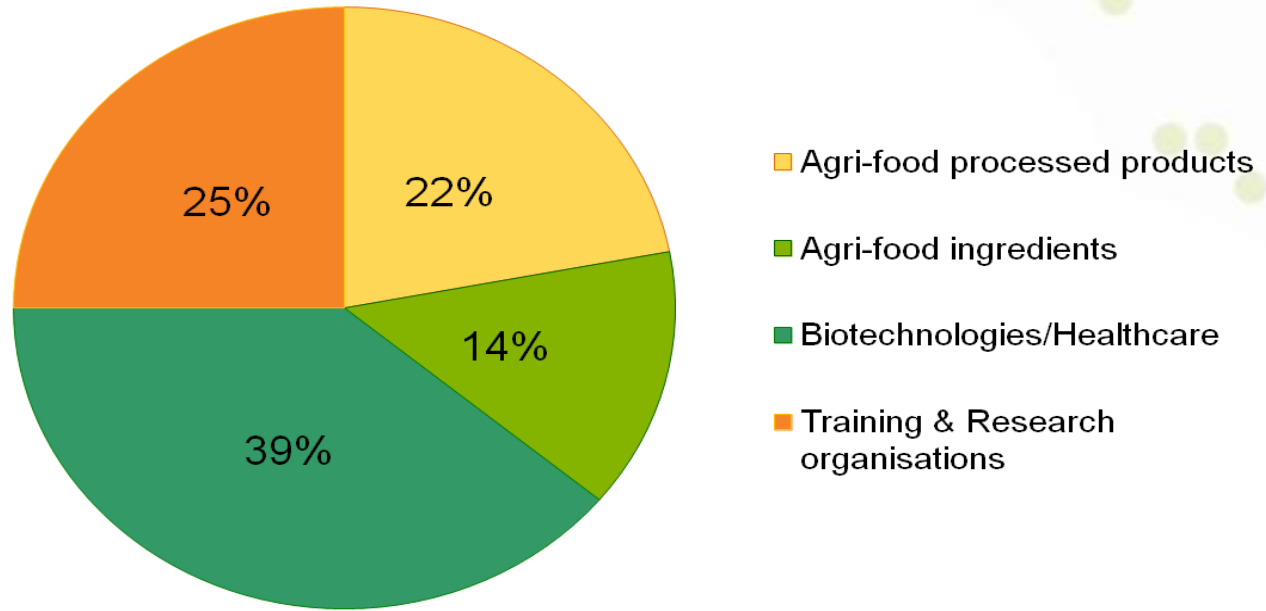
Pôle de compétitivité
**Nutrition
Santé
Longévité**

* **obesity, diabetes, cardiovascular and metabolic diseases, inflammatory bowel diseases, neurodegenerative diseases**

An active and diverse network

80 MEMBERS

NHL network's breakdown by activity



TO DEVELOP

- ✓ R&D collaborative projects
- ✓ Innovation in products and processes

180 R&D collaborative projects
344 M€ d'investissements R&D
70 M€ d'aides publiques

Members: Agrifood leaders and SME

Ingredients



ECOPSI



Finished food products



LES CUISINÉS SURGELÉS



Analysis



Members : Healthcare and Biotechnology leaders and SME

Biotech/pharma

Bayer HealthCare
MINAKEM
Bifinove
GENFIT
TOWARDS BETTER MEDICINE
LFB
L'ENGAGEMENT ÉTHIQUE
macopharma
DESIGNED FOR LIFE
STANI Pharm
Solutions for Tailored Active Nano-Ingredients
AlzProtect
Neuroprotectants for Alzheimer
Lipofabrik
laboratoires biové

Consulting / Service

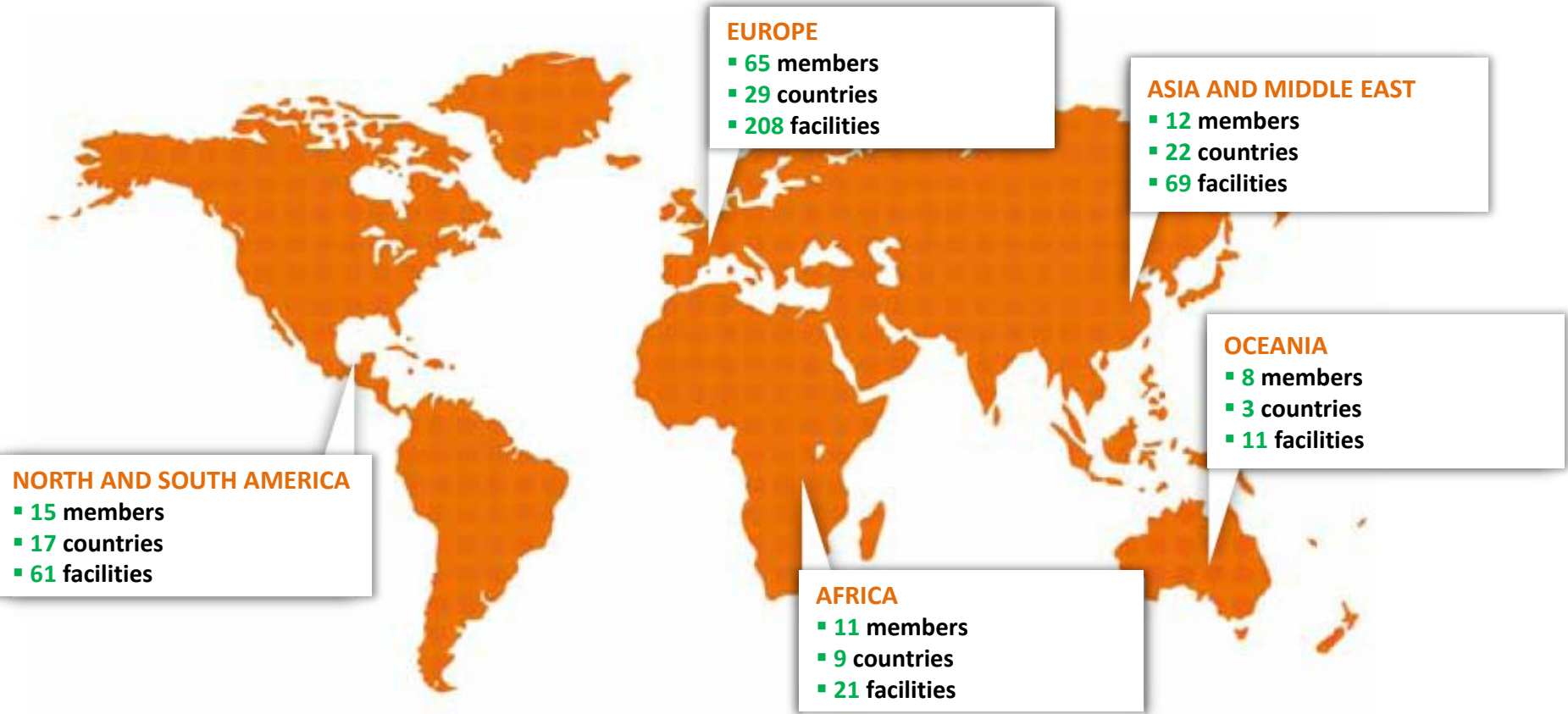
NATURALPHA
NUTRITION HEALTH BIOTECHNOLOGY
GenoScreen
Vos recherches méritent d'aboutir
ADINOV
Analyse Développement Innovation Veille
Keyrus
Intestinal Biotech Development
GENES DIFFUSION
Nous innovons, vous progressez.
METRIE

Fondations

DigestScience
Fondation de recherche sur les maladies de l'appareil digestif et la nutrition
FONDATION D'ENTREPRISE PiLeJe
SinapTec
ULTRASONIC TECHNOLOGY
ERAS
Ingénierie
oncovet
Pôle de compétitivité Nutrition Santé Longévité

An international dimension

Members of NHL Cluster's operating on **strategic global markets**



A dedicated team to organize

Team expertises

Actions in favor of collaborative projects emergence and development

- Brainstorming workshops
- Identifying needs associated with running the projects and funding opportunities
- Putting prospective partners in touch with each other
- Benchmarking against existing projects on a particular topic
- Help with drafting funding applications
- Help with establishing good practice for joint working

Member networking activities

- **Theme days** on current topics important to cluster members
- **Matchmaking** of regional, national and international members' clusters
- Organization of **European events**
- Running stands at **specialist trade fairs**

Flagship research projects



Development of Innovative Strategies for a Transdisciplinary Approach of Alzheimer's Disease. The objective of the Laboratory of Excellence "DISTALZ" is to explore the biological processes involved in Alzheimer's disease and to develop new biomarkers for the illness as well as new therapeutic targets.

10 years project
12 M€ of public grant



Microalgae development program consisting of a consortium of 14 partners deploying their expertise in a number of key sectors, including pharmacology and cosmetology, marine biotechnologies, aquaculture, human and animal nutrition, and extraction of active compounds.

5 years project
10 M€ of public grant

OXYCHIC

Obtain evidence of the **benefits of chicory as an antioxidant**

4 years project
900 000 € of public grant



BioFit & NutrEvent, 2 international Events

BioFIT 2014: 3rd edition

↗ **International partnering event** dedicated to **tech transfer** and **collaborative research** in the **life sciences** sector



↗ **Date:** December 2nd & 3rd, 2014

↗ **Venue:** LILLE (FRANCE)

↗ **Activities:**

- **A partnering convention** gathering professionals from pharma, IVD, medtech, biotech and academia
- **Conferences** to explore hands-on approaches to private/public collaboration, Open Innovation & technology transfer
- **In and out licensing** opportunities

↗ **Participants expected:**

- **600 attendees**
- **50% of international**

NutrEvent 2015: 4th edition

• **International partnering event** dedicated to Innovation in the Food, Nutrition & Health sectors



• **Date:** June 17th & 18th, 2015

• **Venue:** LILLE (FRANCE)

• **Activities:**

- **Business meetings**
- **Conferences**
- **Recruitment convention**
- **Innovation awards**
- **Exhibition**

• **Participants expected:**

- **600 attendees**
- **60% of international**
- **25 countries**

NHL, world class Cluster in the European Food Alliance

The 9 best nutrition and food clusters in Northern Europe



United Kingdom



A joint initiative of Food Valley and Nutrition Health Longevity Cluster



NHL, world class Cluster in the European Food Alliance

Common goal: to provide agrifood companies with the best service and network contacts from all over Europe in order to be able to attain to innovation and growth at an accelerated rate



Working with the latest technologies and with top experts from all over Europe, testing and launching innovative ideas, products and ingredients at European level

NHL Cluster is financed by



The Nutrition Health Longevity Cluster

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Biofit
2014
FOSTERING INNOVATION & TRANSFER

**DECEMBER
2/3, 2014
Lille
FRANCE**

48h to find
the perfect match
and speed up
innovation

**A 360° approach
to build life sciences
partnerships**

Organized by



www.biofit-event.com

What is BioFIT?

1st European Life Sciences partnering event focused on **tech transfer** and public/private **collaborative research**

3 activities

Partnering convention

with professionals from pharma, biotech, IVD, medtech and TTO

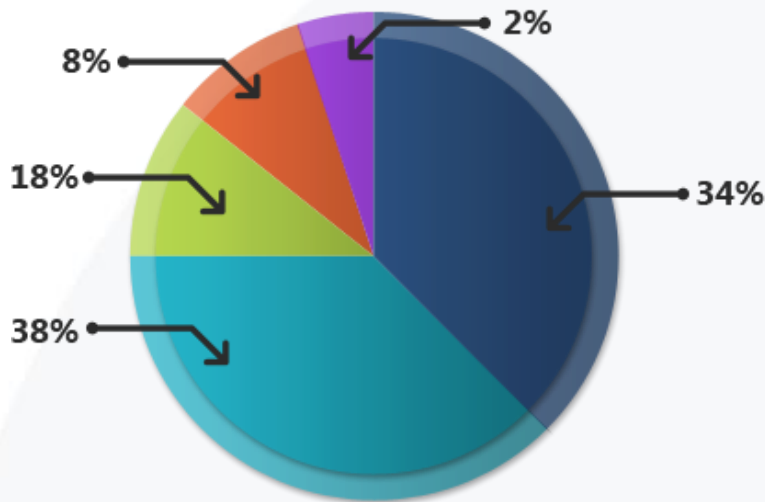
Conferences

dealing with public/private collaborations, Open Innovation & tech transfer

Presenting technologies

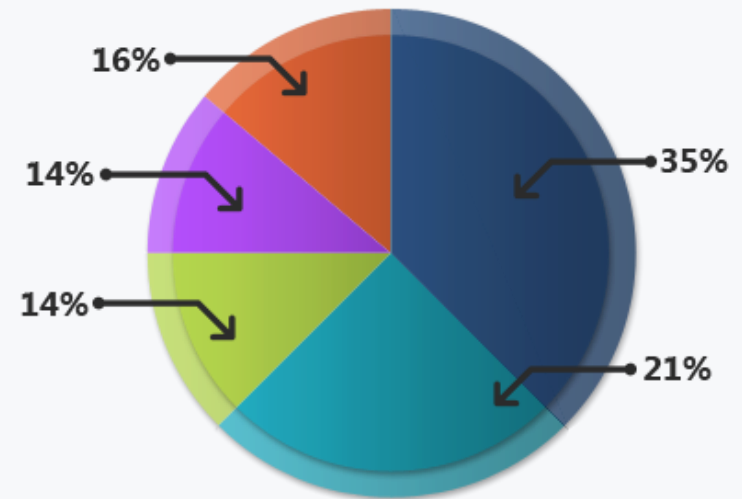
Who attends BioFIT?

ATTENDEES PROFILE



- Pharma, biotech, medtech
- Academia, TTO
- Services
- Clusters, associations
- Investors

ATTENDEES POSITION



- CEO, VP, Managing Director
- BD Director
- Partnering, Licensing, Scouting, TTO
- R&D, researchers, Scientists
- Others

BioFIT Forecast

- 2010**
- 327 attendees
 - 15 sponsors
 - 46% international

- 2012**
- 410 attendees
 - 20 sponsors
 - 50% international

- 2014**
- 800 attendees
 - 25 sponsors
 - 60% international

2014 Steering Committee

Academia, TTO:

- Hervé ANSANAY, Business Developer, **SATT Nord** (FR)
- Ivan BAINES, Chief Operating Officer, **Max Planck Institute of Molecular Cell Biology and Genetics** (DE)
- Richard BORGI, President, **SATT Grand Est** (FR)
- Garold BREIT, Director Office of Innovation Management, **University of Louisiana** (USA)
- Nicolas CARBONI, President, **SATT Conectus Alsace** (FR)
- Jean-Luc CHAGNAUD, Healthcare Business Development Manager & Intellectual Property Manager, **Aquitaine Science Transfert** (FR)
- Esther LANGE, Project Manager, **Ascenion** (DE)

Associations, Clusters, Investors:

- Richard BERGSTROM, Director General, **EFPIA - European Federation of Pharmaceutical Industries and Associations** (BE)
- Claude-Alain CUDENNEC, General Director, **AFSSI - Association Française des Sociétés de Services et d'Innovation** (FR)
- Isabelle DIAZ, Research & Biotechnology Director, **LEEM / General Secretary, ARIIS - Alliance pour la Recherche et l'Innovation des Industries de Santé** (FR)
- Marco FIORINI, General Secretary, **Aviesan - French National Alliance for Life Sciences and Health** (FR)
- Jean-Roch MEUNIER, General Director, **Medicen competitiveness cluster** (FR)
- Benjamin NORDIN, Investor Relations Officer and Head of Business Analysis, **Karolinska Development** (SE)
- Titta ROSVALL-PUPLETT, Executive Director, **EBE - European Biopharmaceutical Enterprises** (BE)
- Emilie ROYERE, Director, **Eurobiomed** (FR)

Industries:

- Zeina ANTOUN, Clinical Research Director, **GSK - GlaxoSmithKline** (FR)
- Maria BOBADILLA, Senior Director, Extending Innovation Network, **Roche** (CH)
- Sami CHTOUROU, Director of technology platforms and innovation, **LFB**
- Maria M. FLOCCO, Senior Director, Head Strategic Research Partnerships Europe, **Pfizer** (FR)
- Guy HELIN, Chief Business Officer, **Delphi Genetics** (BE)
- Tomas LANDH, Director, Strategy & Innovation Sourcing, Diabetes Research Unit, **Novo Nordisk** (DK)
- Stephan LENSKY, Corporate Vice President, **Boehringer Ingelheim** (DE)
- Frédéric SCAEROU, Director, Scientific Affairs Oncology, **Ipsen Innovation** (FR)
- Patrick TRICOLI, Senior Director Partnering and Innovation, **Sanofi** (FR)

Sponsors 2014

Confirmed



SANOFI PASTEUR



Ongoing



2014 Program preview

Plenary Session: Accessing innovation: how to build long term partnerships?

Track 1: Emerge, last and deliver: best practices in collaborative research

- New models for bridging the gap from research to market
- Looking ahead: can big data hold the key to breakthrough treatments?
- Biotech meets Medtech: a future perspective
- Big consortia: how do they work and what are their outcomes?
- Emerge & happen: creative solutions to difficult problems in deal making
- Make it work and last: how to best apply strategic alliance management

2014 Program preview

Track 2: Early stage innovation: new routes to funding sources

- Who will be funding the maturation phase in the future?
- New practices from the VC industry in sourcing innovation
- The road less traveled: new approaches to finance early stage innovation

Track 3: Creative solutions for transferring innovation to market : TTO's and industry's new approaches

- Driving innovation in Europe: using Horizon 2020 program
- Scouting innovation: academia push and industry pull
- The valuation process: do all stakeholders use the same criteria?

Hosted events

➤ **French Innovation Services Event (FISE) ([more info](#))**

Enhance partnerships and collaboration between SMEs by using the OI methods and approaches.

100 participants



➤ **IDEA Summit 2014 ([more info](#))**

Stimulate academia-industry interaction and accelerate innovation in the diabetes area.

150 participants



➤ **Biomat-IN ([more info](#))**

Support innovation and transnational collaborations in Biomaterials.

60 participants



➤ **Perso-Med ([more info](#))**

Foster cross-border R&D partnerships among personalized medicine players from France and Belgium.

40 participants



SAVE THE DATE !

December 2 & 3, 2014

Lille, FRANCE

REGISTRATION FEES (excl. VAT)

Early Bird fees before
September 30th, 2014

Mature companies	€ 999	€ 799
Emerging companies / Start-up	€ 399	€ 319
TTO's / Clusters / Research institutes	€ 849	€ 679

