

A NETWORK OF EXPERTS DEDICATED TO THE FOOD AND AGRICULTURE INDUSTRY

Joint technological networks (Réseaux mixtes technologiques - RMT) are a new form of scientific and technical partnership established and supported by the French Ministry responsible for Food, and coordinated by Actia for the food industry.

A PLACE FOR SYNERGIES AND DIALOGUE

Coordinated by the LNE, the Actia Propack Food joint technological network brings together seventeen partners. This group of stakeholders makes up a unique national network working on the theme of “sustainable packaging and food”.

EXPERTISE DEDICATED TO COMPANIES AND THE AUTHORITIES

By pooling skills and technical resources, the joint technological network provides concrete answers to consumers, companies, and the authorities on:

- how the circular economy relates to packaging;
- food safety and the eco-toxicity of packaging;
- the processes and functions of packaging;
- users' and consumers' approach to packaging.

A FORUM FOR SYNERGY AND DISCUSSION

Designed to popularise, communicate and disseminate technical advances, ensuring they are both usable and used as quickly and effectively as possible by all operators.

NETWORK COORDINATION

LNE

Catherine Lorient
29 avenue Roger-Hennequin
78197 Trappes Cedex
Telephone : 33 (0)3 85 29 04 48 - 33 (0)6 08 75 53 60
Email : catherine.lorient@lne.fr

CTCPA

Patrice Dole
Technopole Alimentec, rue H.-de-Boissieu
01100 Bourg-en-Bresse
Telephone : 33 (0)4 74 45 52 37 - 33 (0)6 29 38 15 46
Email : pdole@ctcpa.org

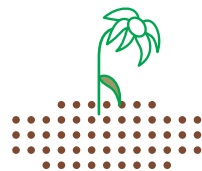
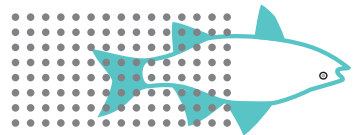
A NETWORK OF PARTNERS DEDICATED TO THE FOOD PROCESSING AND PACKAGING INDUSTRIES

EXPERTISE ON "SUSTAINABLE PACKAGING, THE CIRCULAR ECONOMY, AND FOOD WASTE" TO:

- design and develop sustainable packaging solutions;
- meet the target of 100% of recyclable, reusable, and compostable packaging by 2025;
- create functional packaging in order to limit food waste while ensuring it is safe for and accepted by consumers.

FOOD SAFETY AND ECO-TOXICITY

- EVALUATING CHEMICAL RISK, AND DEVELOPING PREDICTIVE TOOLS AND SPECIFIC METHODS FOR THE CHARACTERISATION OF BIO-SOURCED, RECYCLED, OR REUSED PACKAGING AND ECO-FUNCTIONAL FILMS
- STUDYING THE ECO-TOXICITY OF BIODEGRADABLE PACKAGING AND THEIR IMPACT ON THE QUALITY OF COMPOST
- DEVELOPING METHODS FOR CHARACTERISING MICRO-PLASTICS IN MARINE ENVIRONMENTS



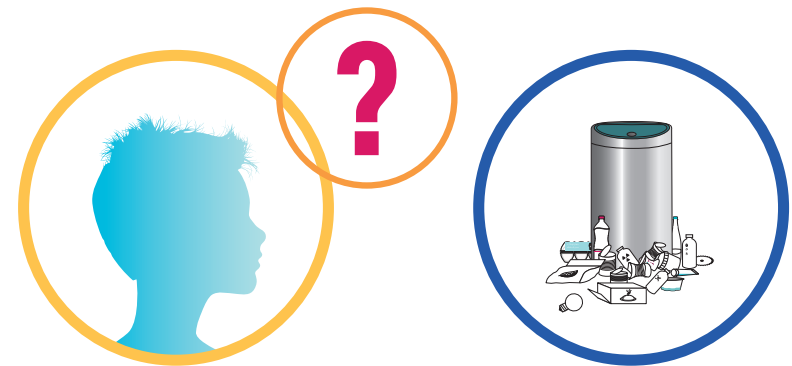
PROCESSES AND FUNCTIONS

- DEVELOPING PACKAGING MATERIALS THAT ARE CONSISTENT WITH THE PRINCIPLES OF THE CIRCULAR ECONOMY AND THE APPROACHES OF NEW DISTRIBUTION CONCEPTS
- STUDYING THE RELATIONSHIP BETWEEN PACKAGING PERFORMANCE, PRODUCT SHELF LIFE, AND FOOD WASTE
- IMPROVING THE SEPARABILITY OF PACKAGING COMPONENTS. EVALUATING RECYCLING PROCESSES AND THE QUALITY OF RECYCLED MATERIALS
- DEVELOPING NEW TOOLS FOR EVALUATING BIODEGRADABILITY



USERS AND CONSUMERS

- CREATING ALTERNATIVE CONSUMER CLASSIFICATIONS
- ESTABLISHING THE RELATIONSHIP BETWEEN WASTE CAUSED BY CONSUMER BEHAVIOUR AND WASTE RELATED TO PRODUCT SHELF LIFE
- STUDYING THE PERCEPTION OF THE END-OF-LIFE TECHNOLOGIES AND PROCESSES FOR PACKAGING AND HOUSEHOLD WASTE



DISSEMINATION AND SHARING OF KNOW-HOW

- Organisation of inter-company training sessions.
- Organisation of thematic days and seminars.
- Organisation of European Matbim symposiums.
- Writing decision-aid guides.
- Publication of scientific and technical articles based on research.
- Management of the Propack Food Training website, which provides access to guides on industrial practices, lessons, and case studies: <http://rmt-propackfood.actia-asso.eu> and the first European Fitness platform devoted to food packaging: <https://fitness.agroparistech.fr>



TO FIND OUT MORE...

CONTACTS
PARTNERS

PARTNERS

ITAI

FOOD TECHNOLOGY
INSTITUTES

ADRIA

Z.A. Creaç'h Gwen
29 196 Quimper Cedex
BLANDINE LAGAIN
Tel. : 33 (0)6 43 28 97 42
blandine.lagain@adria.tm.fr
www.adria.tm.fr

CTCPA

Technopole Alimentec
Rue Henri-de-Boissieu
01 060 Bourg-en-Bresse
PATRICE DOLE
Tel. : 33 (0)4 74 45 52 60
pdole@ctcpa.org
www.ctcpa.org

ITERG

11 rue Gaspard-Monge
Z.A. Pessac-Canéjan
33 610 Canéjan
CARINE BONNET
Tel. : 33 (0)5 56 07 97 74
c.bonnet@iterg.com
www.iterg.com

LNE

157 rue des Verchères
71 870 Hurigny
CATHERINE LORIOT
Tel. : 33 (0)3 85 29 04 48
catherine.loriot@lne.fr

29 avenue Roger-Hennequin
78 197 Trappes Cedex
JEAN-MARIO JULIEN
Tel. : 33 (0)1 30 69 21 04
jean-mario.julien@lne.fr
www.lne.fr
www.contactalimentaire.fr

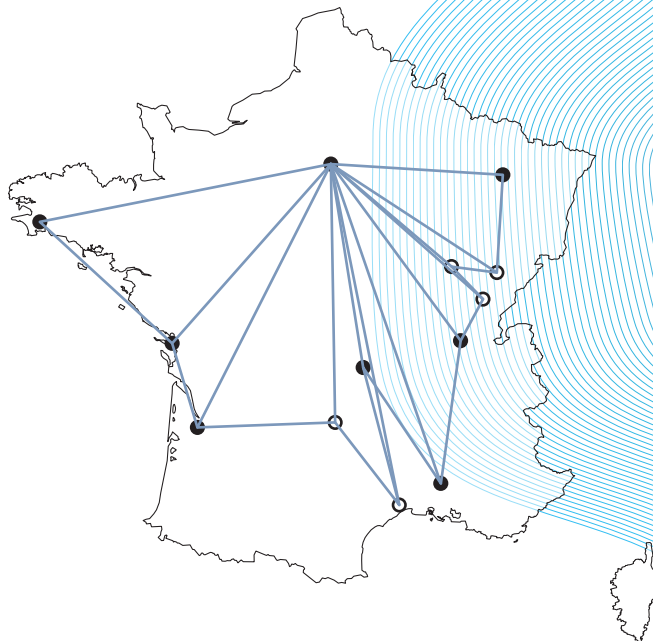
INTERFACE PARTNERS

CRITT LA ROCHELLE

1 rue Marie-Aline-Dusseau
Z.A. Technocéan, Chef de baie
17 000 La Rochelle
BRUNO MATHÉLLIER
Tel. : 33 (0)6 87 60 76 47
b.mathellier@crittiaa.com
www.crittiaa.com

CRITT PACA

Cité de l'Alimentation
100 rue Pierre-Bayle, B.P. 11548
84 916 Avignon Cedex 9
ESTELLE MARIN
Tel. : 33 (0)4 90 31 55 08
estelle.marin@critt-iaa-paca.com
www.critt-iaa-paca.com



TECHNICAL PARTNER

IPC CLERMONT-FERRAND

Biopole Clermont-Limagne
2 rue Michel-Renaud
63 360 Saint-Beauzire
JACQUES THÉBAULT
Tel. : 33 (0)4 43 98 01 62
jacques.thebault@ct-ipc.com
www.ct-ipc.com

EDUCATION & RESEARCH

**CNAM / UMR 8 006
LABORATOIRE PIMM**
292 rue Saint-Martin
75 141 Paris Cedex 03
ALAIN GUINAULT
Tel. : 33 (0)1 71 93 65 77
alain.guinault@cnam.eu

ÉNILV GEORGES-POMPIDOU

Route de Salers, 15 000 Aurillac
PASCAL GUENET
Tel. : 33 (0)4 71 46 26 60
pascal.guenet@educagri.fr

INRAE - AGROPARISTECH

1 avenue des Olympiades
91744 Massy
OLIVIER VITRAC
Tel. : 33 (0)1 69 93 50 63
olivier.vitrac@agroparistech.fr
SANDRA DOMENEK
Tel. : 33 (0)1 69 93 50 68
sandra.domenek@agroparistech.fr

ISBA

ÉNIL MAMIROLLE & POLIGNY
15 Grand-Rue, B.P. 16
25 620 Mamirolle
GABRIELLE FOURNIER
Tel. : 33 (0)3 84 73 76 76
gabrielle.fournier1@educagri.fr

UNIV. DE BOURGOGNE

AGROSUP DIJON
1 esplanade Erasme
21 000 Dijon
MARIE-CHRISTINE CHAGNON
Tel. : 33 (0)3 80 39 66 37
marie-christine.chagnon@u-bourgogne.fr
FREDÉRIC DEBEAUFORT
Tel. : 33 (0)3 80 39 65 41
frederic.debeaufort@u-bourgogne.fr

UNIVERSITÉ DE LORRAINE ENSAIA

2 avenue de la Forêt-de-Haye
B.P. 172
54 501 Vandœuvre Cedex
ELMINA ARAB-TEHRANY
Tel. : 33 (0)3 72 74 41 05
elmina.arab-tehrany@univ-lorraine.fr
MURIEL JACQUOT
Tel. : 33 (0)3 72 74 45 91
muriel.jacquot@univ-lorraine.fr

UNIV. DE MONTPELLIER UMR IATE - INRAE - CIRAD SUPAGRO

163 rue Auguste-Broussonnet
34 090 Montpellier
NATHALIE GONTARD
Tel. : 33 (0)4 67 14 41 96
nathalie.gontard@inrae.fr

UNIV. LYON 1 - BIODYMIA

Technopole Alimentec, IUT A Lyon
Rue Henri-de-Boissieu
01 000 Bourg-en-Bresse
CATHERINE JOLY
Tel. : 33 (0)4 74 47 21 42
catherine.joly2@univ-lyon1.fr

ACTIA, THE FRENCH NETWORK OF FOOD TECHNOLOGY INSTITUTES

16 rue Claude-Bernard . 75 231 Paris Cedex 05
Telephone : 33 (0)1 44 08 86 20 . Email : actia@actia-asso.eu
Websites : www.actia-asso.eu
https://www.actia-asso.eu/projets/propack-food-2020

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