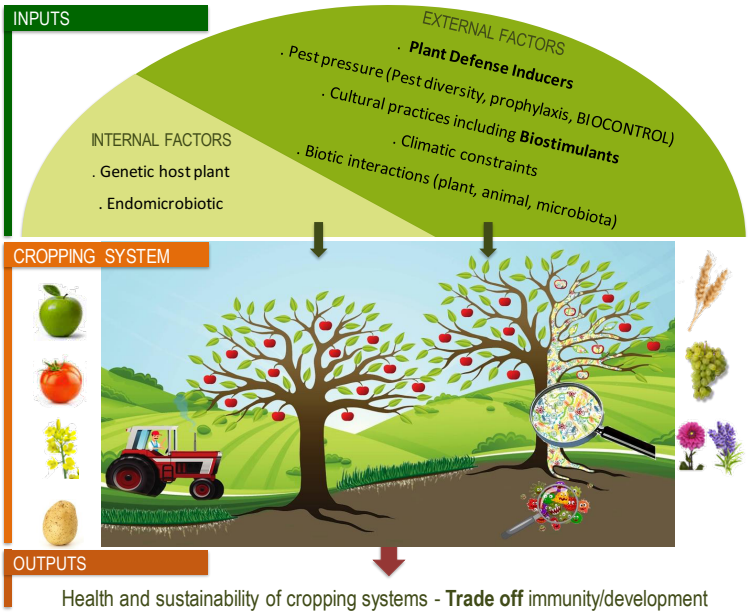
Joint Technology Network BESTIM

Stimulating Plant Health in Agroecological Systems

https://rmt-bestim.org

The JTN work is based on agroecological immunity or how to promote cropping systems immunity against pathogen and pest populations in an agroecological environment

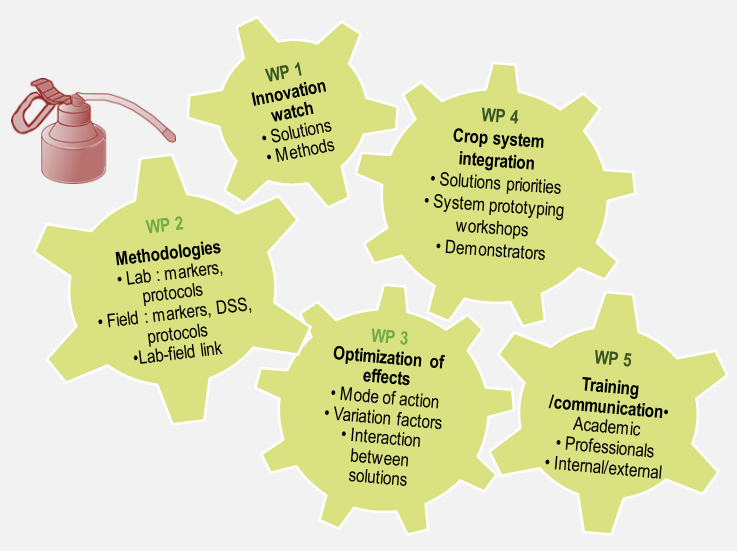


Expected impacts

1. Scientific impacts	Leadership of research teams in agroecological immunity ▪ International communications, setting up projects
2. Technical impacts	Optimization of current cropping systems ▪ Practical guide for experimenters and farmers, ↘ TFI Design of new cropping systems ▪ Successful demonstrations
3. Impact on agricultural sector in the broad sense	Optimization of current cropping systems ▪ New products/varieties, new actions
4. Impact on decision makers, education, professionals	Expertise, training, awareness ▪ Involvement, attractivity (students), attendance (exhibitions)

This JTN funded for 5 years (2021-2025) by the French Ministry of Agriculture (CASDAR) will work on the entire Research, Development and Teaching chain.
It is structured around 5 workpackages (WP) and will interact with its scientific and technical environment.

Work plan



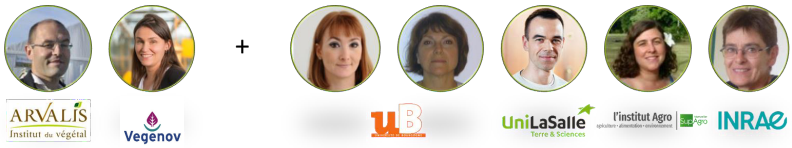
54 partners

France

- **Academic research :** CEA, CNRS, CIRAD, INRAE, GEVES
- **Agricultural technical centres :** ACTA, Astredhor, ARVALIS, CTIFL, FNAMS, IFPC, IFV, ITEIPMAI, ITAB, ITB, RITTMO, Terres Inovia, Unilet, Vegenov
- **Chambers of agriculture :** Alsace, Normandie, Côte d'or, Finistère, Saône et Loire, Tarn et Garonne
- **Higher education :** Institut Polytechnique UniLaSalle, Agro Sup Dijon, Institut Agro, Yncrea Haut de France et Ouest. **Universities :** Blaise Pascal, de Bourgogne, de Bordeaux, du Littoral Côte d'Opale, de Reims, de Rouen, de Perpignan Via Domita, de Picardie Jules Verne, de Rouen, de Toulouse Paul Sabatier, de Tours
- **Agricultural schools** : d'Avize, de Beaune, de Davayé, de Toulouse – Auzeville, d'Yvetot, Réseau Horticole et Paysage
- **Regional experiment stations :** CATE, Invenio, Planète Légumes
- **Competitive cluster and professional associations :** Vegepolys Valley, B4C, IBMA, AFAIA

Europe

AGROSCOPE (CH), Agro Bio Tech Université de Liège Gembloux (B)



Animation from left to right

General/operational	. BERTHELOT Régis, r.berthelot@arvalis.fr
Operational	. TURNER Marie, turner@vegenov.com
Scientific	. TROUVELOT Sophie, sophie.trouvelot@u-bourgogne.fr . HELOIR Marie-Claire, marie-claire.heloir@inrae.fr . GAUTHIER Adrien, adrien.gauthier@unilasalle.fr . BALLINI Elsa, elsa.ballini@supagro.fr . BRISSET Marie-Noëlle, marie-noelle.brisset@inrae.fr

Avec la contribution ière du compte ctation spéciale développement agricole et rural CASDAR
MINISTÈRE DE L'AGRICULTURE ET DE LA SOUVERAINETÉ ALIMENTAIRE