

4 International Research Centres



Multimodal innovation to develop sustainable living and production models



Sustainable development and production, quality of life for human populations, environmental preservation and adaptation to natural risks, are by nature complex. To find solutions, many questions and a variety of points of view need to be taken into account. This approach requires a specific methodology based on "**multimodal innovation**", which includes approaches involving **many disciplines, partnerships and performance**.

In CAP 20-25, four strategic research Challenges aim to define these sustainable life and production models. They share a **human-centered approach** and underline the importance of resilient ecosystems, humans and societies in order to move toward progress. These four Challenges are supported by cross-disciplinary instrumentation and exploration programs and are backed by the site's LabEx from the previous PIA. They are closely linked with local economic forces: **agriculture, industry, health, and the environment**.

[International Research Centre : Sustainable AgroEcosystems \(https://cap2025.fr/en/research/scientific-challenges/sustainable-agroecosystems-in-a-context-of-global-change\)](https://cap2025.fr/en/research/scientific-challenges/sustainable-agroecosystems-in-a-context-of-global-change)

[Challenge 2: Innovative systems and services for transport and production \(https://cap2025.fr/en/research/scientific-challenges/innovative-systems-and-services-for-transport-and-production\)](https://cap2025.fr/en/research/scientific-challenges/innovative-systems-and-services-for-transport-and-production)

[International Research Centre 3 : Personalised mobility as a key factor in health \(https://cap2025.fr/en/research/scientific-challenges/personalised-mobility-as-a-key-factor-in-health\)](https://cap2025.fr/en/research/scientific-challenges/personalised-mobility-as-a-key-factor-in-health)

[International Research Center of Disaster Science and Sustainable Development \(
https://cap2025.fr/en/research/scientific-challenges/disaster-risk-and-socio-
economic-vulnerability\)](https://cap2025.fr/en/research/scientific-challenges/disaster-risk-and-socio-economic-vulnerability)

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