

More about ITTECOP and CESAB

ITTECOP (Transport Infrastructures, Territories, ECO-systems and Landscapes) is an incentive research programme created in 2008 and led by the MTES (Ministry of Ecological and Solidarity Transition), in coordination with ADEME. Its current partners, in addition to the two founders, are the Linear Infrastructures and Biodiversity Club (CILB), the Foundation for the Research on Biodiversity (FRB) and the French Office for Biodiversity (OFB).

The CILB is an informal association of the main French infrastructure operators. This association is made up of members who have signed the constitutive charter of June 2011¹. Its objectives are to strengthen its members' commitments to biodiversity and to constitute a reference group for external partners.

The ITTECOP programme aims to integrate ecosystem and landscape issues into the design, implementation and management of infrastructure projects. The programme addresses linear infrastructures and their associated spaces (rail, road or river, energy, stations, ports or airports).

The effects of infrastructure are analyzed according to their scale from several complementary angles: ecological, territorial, landscape, social, economic and heritage. The ITTECOP research programme aims to contribute to the emergence and perpetuation of a research community that will make it possible to anticipate future needs in terms of support for public decision-making and the improvement of relations between infrastructures, landscapes and biodiversity. The programme also supports public policies, particularly within the SNB (National Biodiversity Strategy).

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CESAB – Centre for the Synthesis and Analysis of Biodiversity – is a key program of the FRB (Foundation for Research on Biodiversity) and aims to implement innovative work to synthesize and analyze already existing data in the field of biodiversity research. Launched in 2010 after the « Grenelle de l'Environnement » by the Ministries for research and for ecology, it was created by eight public research institutions (BRGM, CIRAD, CNRS, IFREMER, INRAE, IRD and MNHN), joined in 2017 by the University of Montpellier.

Researchers can find at CESAB the necessary means and infrastructure to share and enhance existing information, and to conduct analyses that address major scientific challenges in biodiversity research. Advancing knowledge, developing synthesis research and collaboration, facilitating the links between all scientific disciplines: these are the main assets of CESAB which hosts a large number of researchers every year from all the continents, during work sessions spread over the project timeline.

For many years, teams of researchers have been collecting, producing and analyzing more and more data on biodiversity. The information acquired today provides undeniable and essential knowledge and allows us to better understand the contributions that biodiversity can provide for humanity. And it is possible to go even further: assembled and combined, existing data, ideas and concepts can generate new advances in both pure and applied research. Together, these existing data can supply new issues and significantly advance our biodiversity knowledge.

Nicolas Mouquet is the scientific director of CESAB.

¹ <https://www.cilb.fr/a-propos>



CESAB
CENTRE FOR THE SYNTHESIS AND ANALYSIS
OF BIODIVERSITY



FRB-CESAB-ITTECOP
APPENDIX : ITTECOP & CESAB

List of the CESAB groups:

<https://www.fondationbiodiversite.fr/en/the-frb-in-action/programs-and-projects/le-cesab/>

CESAB publications list:

<https://www.fondationbiodiversite.fr/en/cesab-scientific-publications/>

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