

**Decisive Scientific Partnership:
PROMETHEE Earth Intelligence and the Pasteur Institute of Guadeloupe
join forces to combat tropical diseases.**

PROMETHEE Earth Intelligence, the leading French newspace operator of nanosatellite Earth observation constellations, has entered into a strategic scientific collaboration agreement with the Pasteur Institute of Guadeloupe. This agreement aims to strengthen the ties between the research and industrial sectors in the field of tele-epidemiology, an unprecedented technoscientific resource connecting health risk factors to climate and environmental data obtained through space-based remote sensing.

On January 16, 2024 - Guadeloupe, regularly affected by arboviruses transmitted by mosquitoes, is a particularly vulnerable territory to vector-borne diseases. Recurrent epidemics of viruses such as dengue pose a major concern. To address these threats, predictive tools are indispensable for identifying arbovirus transmission indicators, allowing for improved anticipation and management of these outbreaks.

PROMETHEE Earth Intelligence, the premier French Newspace operator specializing in Earth observation, is committed to fighting arboviruses, including dengue and chikungunya, transmitted by arthropod vectors such as mosquitoes and ticks, in collaboration with the Pasteur Institute of Guadeloupe. These epidemiological threats have long attracted the attention of scientific research—from CNES to IRD to the Pasteur Institute—confirming the relevance of satellite imagery-based techniques and the urgency of their large-scale deployment.

Through innovative solutions developed by PROMETHEE Earth Intelligence, detailed monitoring of high-risk areas will be conducted by mapping vector mosquito habitats and analyzing climate patterns influencing their spread. This partnership aims to develop prevention and control strategies for epidemics, significantly reducing cases of mosquito-borne diseases.

Olivier PIEPSZ, President of PROMETHEE, declares: "This partnership with the Pasteur Institute of Guadeloupe is a crucial step in our mission to harness space technology for practical and beneficial applications to society. By combining our expertise, we aspire to offer a tangible and effective solution to understand and manage health risks."

Dr. Antoine DES GRAVIERS, Director of the Pasteur Institute of Guadeloupe, adds: "Collaborating with PROMETHEE Earth Intelligence strengthens our ability to monitor and understand mosquito-borne diseases, a major challenge for public health in Guadeloupe." Dr. Anubis VEGA-RUA, Head of the Vector-Borne Diseases Laboratory at the Institute, emphasizes that "this project is even more indispensable, as despite decades of dengue circulation in Guadeloupe, we still do not precisely know the diffusion dynamics in urban regions of this territory."

This partnership between PROMETHEE Earth Intelligence and the Pasteur Institute of Guadeloupe opens new perspectives for French overseas territories, tropical regions, and even temperate zones affected by climate change. The spread of new species, such as the tiger mosquito in Europe, represents a serious and growing threat.

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About Prométhée Earth Intelligence:

Prométhée Earth Intelligence is the first French Newspace operator of nanosatellite Earth observation constellations, aiming to democratize the use of satellite imagery for a safer and more sustainable world. PROMETHEE Earth Intelligence addresses crisis management and sustainable development challenges by providing strategic intelligence and environmental intelligence services. Its applications range from maritime surveillance and critical infrastructure protection to ecosystem, water resource, wildlife, and flora protection, as well as the fight against deforestation, illegal fishing, and disaster prevention. Founded in January 2020, PROMETHEE Earth Intelligence received support from the French government, BPI (Public Investment Bank), and CNES (French Space Agency) as part of the France-Relance program. A member of the French Aerospace Industries Association (GIFAS), it has formed partnerships with over 50 French and European companies, with the first satellite, ProtoMéthée, launched on November 11, 2023, from Vandenberg base, CA.

About the Pasteur Institute of Guadeloupe:

Established in 1948, the Pasteur Institute of Guadeloupe is a secondary establishment of the Pasteur Institute (Paris). Initially focused on research on leprosy and schistosomiasis until the late 1970s, it shifted to tuberculosis in 1993 and reinforced activities in environmental hygiene in the late 1990s. Today, the Institute's activities center on research on various infectious diseases such as vector-borne diseases, amoebas, antibiotic resistance, analytical chemistry applied to health, as well as training, public health, and services such as vaccinations, environmental hygiene laboratories, and specialized medical analysis laboratories. The Pasteur Institute of Guadeloupe employs around fifty people.