



PLAINE COMMUNE: A TERRITORY WHERE DEPOLLUTION IS A CONSTANT REVOLUTION...

HASHTAGS

Commitment, innovation, ecology, resilience, climate change



SYNOPSIS

Leviathan Dynamics: Eco-friendly Cooling Solutions. "Producing cold in a sustainable way by replacing dangerous and polluting refrigerants (responsible for 2% of global greenhouse gas emissions) with a few liters of water used in a closed circuit" is the project pursued by the thirty-something engineers Karino Kang and Alan Chauvin at the business incubator in La Courneuve. Supported by the French Environment and Energy Management Agency, their start-up Leviathan Dynamics has already tested the process in the hot and humid climate of French Guiana, in partnership with Ariane Group. The next major goal: to industrialize this technology based on a high-speed compressor to commercialize a consumer solution in collaboration with air conditioner manufacturers.

A Down-to-Earth Research Project in Aubervilliers. Founded in 2011 in Aubervilliers, the association Point de Rassemblement is engaged in participatory research that combines its efforts with those of local gardeners interested in soil regeneration. In Seine-Saint-Denis, a region bearing a heavy ecological burden from its industrial past, the aim is to determine "whether pollution is the end of everything." Alternatively, they remain optimistic by committing to a reasoned depollution approach. This fieldwork aims to restore healthy open-field crops, conducted, among others, on the Vertus workers' gardens in Aubervilliers. Aptly named POP-Laboratoire de Résilience Locale, the project is carried out with the scientific expertise of LAB3S. Located in Bondy in Seine-Saint-Denis, the Laboratory for Soils, Knowledge, and Flavors brings together a network of public and private stakeholders from Greater Paris with the goal of collectively leading innovative projects around ecology, agriculture, and responsible food practices.

Neoplants: A New Way to Clean the Air. In its laboratory in Saint-Ouen, the start-up Neoplants has developed an indoor plant capable of eliminating indoor air pollutants. Resulting from bioengineering research, this plant can remove 30 times more pollutants than a conventional houseplant. Looking further ahead, the Saint-Ouen-based company also plans to develop bioengineered plants capable of combating climate change outdoors through carbon capture. This technology could also be used for soil decontamination.

Plaine Commune Press Service

Félix Grand felix.grand@plainecommune.fr
01 71 86 36 73 - 07 76 62 40 56

WHO CAN TALK ABOUT IT ?