

## **PRESS RELEASE (U-clip Project)**

### **VITO and ACMAD are developing a digital platform to provide information on external temperatures in the city of Niamey.**

*By Serge BAYALA, Jun 17 2022*

The conference room of the African Centre for Applications of Meteorology to Development (ACMAD) served as the framework for the workshop of presentation of the platform U-Clip (urban climate information Platform) which founds the project U-This video was implemented by ACMAD in partnership with VITO and the town hall of Niamey with the support of the Belgian Cooperation Agency (ENABEL). After a year of implementation through various activities including the campaign to measure temperatures in the different districts of the 5 boroughs of the city of Niamey and the information platform on climate change at the scale of a city. The developed platform was presented on the morning of June 15, 2022 to the various partners in the ACMAD conference room. The U-clip project supports the resilience efforts of the city of Niamey, which is the beneficiary partner. The digital (Web) platform developed by VITO and ACMAD provides information on climate change in various locations in the city of Niamey. (Mainly extrême températures.)

From the intervention of the Director General of ACMAD at this workshop, it should be noted that the idea of developing this decision support tool follows the heat wave of April 2010 on Niamey with climate change scenarios that project this type of phenomenon in increasing frequency and intensity. This finding, the ACMAD concluded that for cities like Niamey and other major African cities it was necessary to develop tools that allow the city of Niamey to better plan development in the various sectors including energy production, that of health, the environment and many others known to be affected by warming

A multitude of efforts to be made to make the urban development plan resilient. And this is how to satisfy this need that this tool has been launched. In the current process this tool only analyzes the temperature, it aims in its evolution to integrate precipitation and indicators associated such as heavy rainfall, floods. Clearly, there are major challenges for the sustainability of this project and its achievements, that of the setting up a measurement network similar to the one currently in place for young volunteers measures that will make it possible to make observations on all the communes in order to have information about the surveyed areas and maintain this network of volunteers to dispose of sufficient data for the City of Niamey as part of its planning.

From this precursor project U-clip, another initiative in the field of the fight against Climate Change: The Niamey Climate Project. Unquestionably the U-clip project is a tool to help decision making and the role of the city and partners is to start from the results obtained to develop other projects in the framework strengthening climate resilience. The city of Niamey as part of U-clip has especially for the role of facilitating the implementation of this project within the urban community through customary chiefs and municipal authorities. In short, it is a pilot project whose results should be extrapolated to Niger and several other African capitals by the meteorological services with the support of the ACMAD which thus plays its role of support to the various meteorological services of continent.