

TERRA NOSTRA

The Terra Nostra project is in line with the objectives of the new Flaubert eco-neighborhood, a project built on constructive innovation, the use of healthy, bio-sourced materials, energy efficiency and attention to quality, Indoor air.

This prototype was rebuilt last november on a site near to the Bifurk, by the team of people who had previously disassembled it from the exhibition of Lyon Confluence

Terra Nostra
Quartier Flaubert
38000 GRENOBLE



PROJET 2016-2017
RICM4

IOT PLATFORM

ALLARD ESTELLE
ROCHER LAMBERT

OBJECTIVE

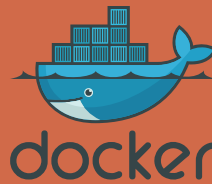
The scope of our product is to provide a phone application/generic platform which is able to analyze IoT data from a connected house (Terra Nostra).

Users of the application will be able to choose the type of analyzes they want to make, to know results : temperature average, energy consumption ...

Our application can receive non only house's information (from captors) but also externals information such as weather.

COLLABORATION

This project is a collaboration with the DUT GEII of Saint Martin d'Hères. Some teachers (Daniel HILAIRE, Jean Louis BERGERAND) and students (Clément DUCRUET , Nassim TROGNON) works on Terra Nostra since a long time.



SOFTWARES AND TOOLS

Docker

Node Red

InfluxDB

Grafana

SpaceLynk

STRUCTURE

