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

POLYTECH GRENOBLE

PROJECT 2016-2017
RICM4

IOT PLATFORM

ALLARD ESTELLE
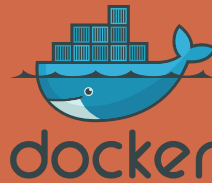ROCHER LAMBERT

OBJECTIVE

The scope of our product is to provide a phone application/generic plateform 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 not only house's information (from captors) but also externals information such as weather.

Grafana

Node-RED

InfluxDB

docker

STRUCTURE

SOFTWARES AND TOOLS

Docker

Node Red

InfluxDB

Grafana

SpaceLynk

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.