



## PILOT PROJECT

AN INTEGRATIVE APPROACH TO INTRODUCE  
CHATTERPLANT INSIDE SOCIETY

Universidad Politécnica de Valencia  
Valencia UPV iGEM 2017



UNIVERSITAT  
POLITÈCNICA  
DE VALÈNCIA



VALENCIA  
UPV iGEM

# PILOT PROJECT DESIGN

## 1. TALKS AND DIVULGATION OF SYN-BIO AND CHATTERPLANT.

Its benefits need to be explained in public spaces, universities, town hall, research centres, etc. Distribution of informative leaflets in all those places and in the centre of Valencia. Main actions are reflected in our Human Practices Silver.

PlantLabCo Magazine gathers the most interesting publications and debates hosted in PlantLabCo, our Plant SynBio researchers community . It will seasonally compile the most interesting publications and discussions in a special transgenics section, with the mission of breaking barriers between scientists and the general public, making use of visual examples. To be more eye-catching, an elegant and jazzy design will be used to call attention to the matter and easily distribute the magazine and leaflet. The design of the project is essential in order to bring closer our ideas to the society, making them more attractive. In order to effectively break the lack of SynBio knowledge, a social workflow was designed with the objective of consolidating the social change by reinforcing the idea of ChatterPlant as a safe and secure device for cultivate.

## 2. UNIVERSITY PILOT EXPERIMENT AS A MEDIUM-SCALE PROTOTYPE.

Create a ChatterPlant space at UPV to show its functions to everyone and demonstrate the device and its effects are indeed safe. The iGEM team at UPV is a Spontaneous Generation group. Spontaneous Generation is a program of the Universitat Politècnica de València whose objectives are to encourage and support the extracurricular activities developed by the groups, teams and / or associations of our university, contributing in this way to the formative development of transversal competences. As a part of this program, the UPV iGEM team has an assigned a room to work in. Keeping a ChatterPlant could be a great idea, in order to show to everyone its benefits.

Despite the clever legal loophole used in the greating of ChatterPlant, this device continues to be illegal in any open, non-controlled space. Kail recommended keeping the ChatterPlant at the university where it currently resides and reinforcing the idea of security around the device

UPV already has areas with legal permissions to work with GMOs. By keeping the equipment here, the creation of more ChatterPlants can be avoided, thus avoiding the bureaucracy and legal problems). UPV is a public university, so everyone can enter and its publication is easier here as opposed to other places. Furthermore, having the support of an entity such as a university is gives more social credibility and approval.

## 3. CHATTERPLANT IN A FIRST PRIVATE COMMUNITY FOR A PRIMARY SOCIAL TEST.

Introduce ChatterPlant in communities with current regulations. In this step Syn-Bio and ChatterPlant divulgation is fundamental because it reinforces the idea of security in the product. If the regulations solve positively, it can be set in a private community.

## 4. PARTICIPATIVE PROCESS TO PERCEIVE PUBLIC AWARENESS.

After one year of having ChatterPlant in communities, there will be made a participative process to know if society has accepted the ChatterPlant idea.

## **5. CHATTERPLANT IN URBAN ORCHARDS, RESTAURANTS AND PUBLIC SPACES**

The introduction of ChatterPlant in private communities, urban orchards, restaurants and their suppliers are potential objectives. As we explained above, restaurants are in general interested. To get some opinions on the Urban Orchards realized by the project, some ChatterPlant users in Valencia were contacted, like Gonzalo Ruiz.

## **6. POPULAR LEGISLATIVE INITIATIVE**

In order to present a draft bill to change current GMOs legal framework.

After all those initiatives, a collection of signatures will be done in order to develop a popular legislative initiative which aims to make the regulations easier to inquire, this social initiative will be about changing the permissions that regulate having have GMO's in a private house, in order to normalize its use.

In order to demonstrate black hole in the transgenic legal frame, necessary permissions to apply for a ChatterPlant on private property were handed over. (link). However, it is a long process, so today there is no response.