



## Each Student, A Tree

The Language Lab, in partnership with ESAFE and the  
Agricultural Innovation & Technology Transfer Center,  
is proud to launch  
*Each Student, A Tree*  
a conscious teaching/ carbon farming initiative.

For every student of UM6P, we will plant a tree,  
to offset our printing and paper usage.

Please join us to plant your tree at the Experimental Farm  
on Monday January 13th at 14:30

A shuttle service will be offered and communicated to students for the remainder of the week for those  
who would like to plant their own trees..



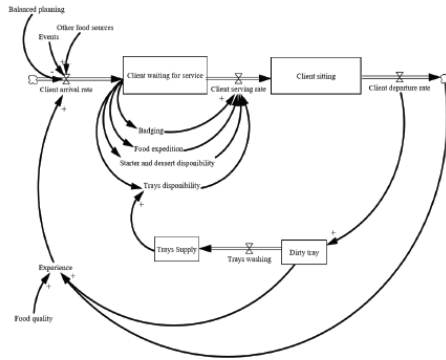


## Pain Point

Surge in the number and waiting time of clients in the restaurant of Mohammed VI Polytechnic University



## Problem Design



Causal diagram showing stocks and flows in the restaurant of Mohammed VI Polytechnic University

## Problem Solving

### ● Input balancing

Adopting No More Waiting APP that gives the real time situation of the queue and the seating zone collected by AI algorithms



### ● Cash disponibility

Providing 3 cash ATM to insure cash disponibility in the campus



### ● Flow acceleration

Applying the lean management principles in the front and the back end of the restaurant with an interactive motivational system and an intelligent payment based on AI



### ● Other food sources

Opening 3 food trucks and a cafeteria in the university from 11 am to 8 pm with a possibility to pay by student card



## Impact

- Reducing the waiting time from 40 to less than 10 MIN
- Reducing the max number of people in the queue from 250 to 65
- Doubling the restaurnat capacity with the same level of service

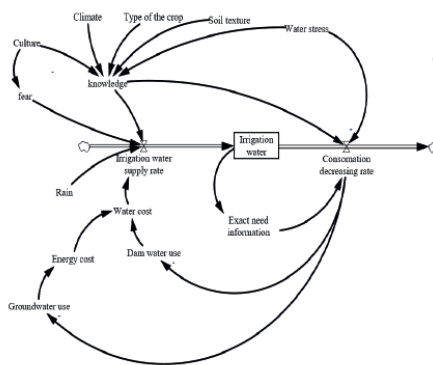
# Business case: No More Waiting



## Pain Point

Moroccan and African farmers face a dilemma of water scarcity and harvest yields which generate random habits affecting the water resource and the agricultural productivity

## Problem Design



Causal diagram showing stocks and flows of the irrigation water targeted in the project AGRIDEMAFRICA

## Problem Solving

### ● Clear dashboard

Providing a simple bilingual dashboard giving the real time water need and climate data



### ● Centralized data of Morocco and AFRICA

Collecting and modeling climate data and soil textures



### ● African recommendations network

Providing adapted recommendations taking into consideration the soil texture, the crop and the climate



### ● Alarms and warnings

Helping the farmer face agricultural threats and diseases



### ● Knowledge broadcast

Providing digital and physical follow-up and ongoing trainings for farmers



## Impact

- Reduce 57% of irrigation water based on our AI models
- Collecting a significant data useful for future predictions
- Saving - 2.6 Million MAD/km² of water cost per year
- Open access to agricultural recommendations

# Business case: AGRIDEMAFRICA

# BLUEDOVE Health System



# EXPLORER

**EXPLORER** provides an **innovation fund** for student, researcher & staff initiated entrepreneurship ideas and **mentoring** from a broad network of committed partners, and tailored educational experiences.

Go to <http://explorer.um6pventures.com> for more information and to become a member

## Information Sessions : February 4<sup>th</sup> and 6<sup>th</sup>

Location: **I&E Center** Time: **06:00 pm**  
Refreshments served

Please RSVP to [explorer@um6pventures.com](mailto:explorer@um6pventures.com)

Accessible

All UM6P students,  
researchers & staff

Understand basic concepts  
underlying ventures

Educational

Personalized

Work with experienced  
entrepreneurs

Launch your venture

Practical

Developed  
In Collaboration With



Sandbox Innovation  
Fund Program



16

# NABNI

17

Le 15 février nous nous sommes tous retrouvés à l'AGORA de l'Université Mohammed 6 Polytechnique de Benguerir fiers, ambitieux, engagés et unis. Nous en gardons un magnifique souvenir.

Merci à toutes les personnes qui ont répondu présentes à notre événement.





## SUSTAINABLE DEVELOPMENT HACKATHON

CALL FOR PARTICIPATION

"Youth Empowerment Through SDGs".

Are you ambitious about making a positive change in your campus?  
 Are you ready to come up with innovative projects?  
 Are you eager to step up your game and take your ideas to another level?

Dear Students of UM6P,

The Sustainable Development Entity is pleased to announce the official launch of Sustainable Development Hackathon under the theme "Youth Empowerment Through SDGs".

Empowering students into taking action is a mission we believe in. Therefore, this educational marathon will enable participants to come up with reliable solutions to daily issues on their campus Through SDGs related project ideas.

If you are interested in :

- Gender equality SDG 5;
- Clean water and sanitation SDG 6;
- Affordable and clean energy SDG 7;
- Sustainable cities and communities SDG 11.

**Click to APPLY before 26<sup>th</sup> of January 2020**

120 students will be selected, you will benefit from pre-hackathon training on SDGs and Soft Skills (design thinking, public speaking, leadership, etc.) from February 8 to 09, 2020.

\*The organization of this Hackathon will allow UM6P to earn points toward a STARS Bronze, Silver, Gold, or Platinum Rating The Sustainability Tracking, Assessment & Rating System™ (STARS)

BE PART OF THE CHANGE!

PREHACKATHON

09.02.2020  
 08.02.2020



HACKATHON

29.02.2020  
 01.03.2020





# DÉVELOPPEMENT DURABLE :

UN PARTAGE DES EXPÉRIENCES  
AU SERVICE DE TOUS

CONFERENCE



**Pr. Jean Claude SETIER**  
Total Associate Professor  
**TPA**  
Total Professors Associates  
Supported by **TOTAL**



**M. Loukili AISSAOUI**  
Directeur des Ressources  
Humaines & RSE TOTAL Maroc  
**TOTAL**



**Dr. Fadwa BALADI**  
Responsable  
Développement Durable UM6P  
MOHAMMED VI  
POLYTECHNIC  
UNIVERSITY **SUSTAINABLE  
DEVELOPMENT**

📅 jeudi 06 février 2020

🕒 17h00

📍 Salle Ibn Sina

MOHAMMED VI  
POLYTECHNIC  
UNIVERSITY

**STUDENT  
EMPOWERMENT  
OFFICE**

MOHAMMED VI  
POLYTECHNIC  
UNIVERSITY

## STUDENT JOBS

### AT A GLANCE



Studies first



Fully digital



Standard  
pricing list



Support and  
facilitation