



Foodprint



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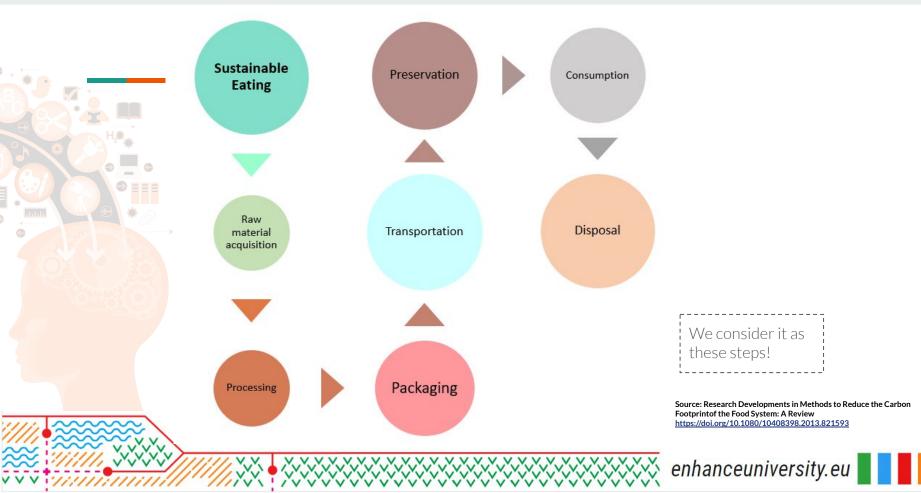
The challenge we got:

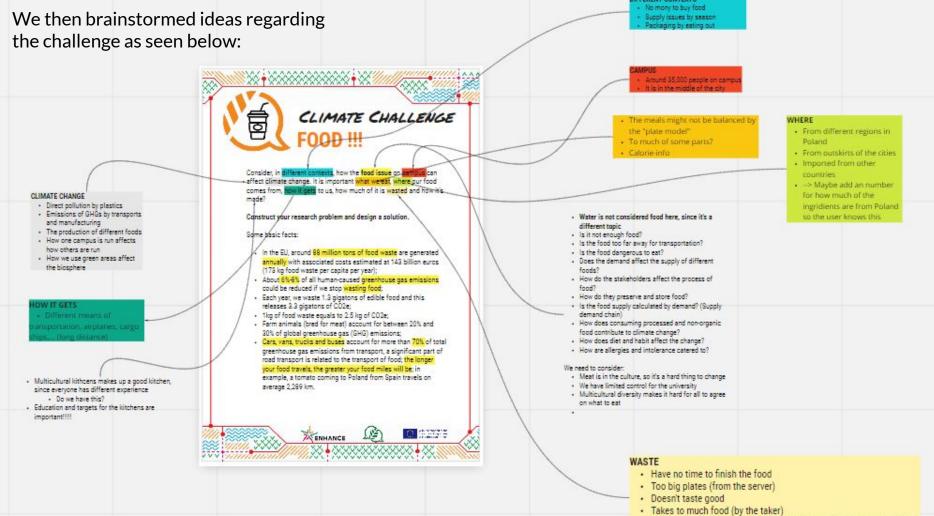
Consider, in different contexts, how the **food issue** on campus can affect climate change. Is it important what we eat, where our food comes from, how it gets to us, how much of it is wasted and how it's made?

Construct your research problem and design a solution.

Image: https://www.vhv.rs/viewpic/hbJJhxi knowledge-economy-clipart-png-download-transparent-knowledge-png/ (used on page 2-9)

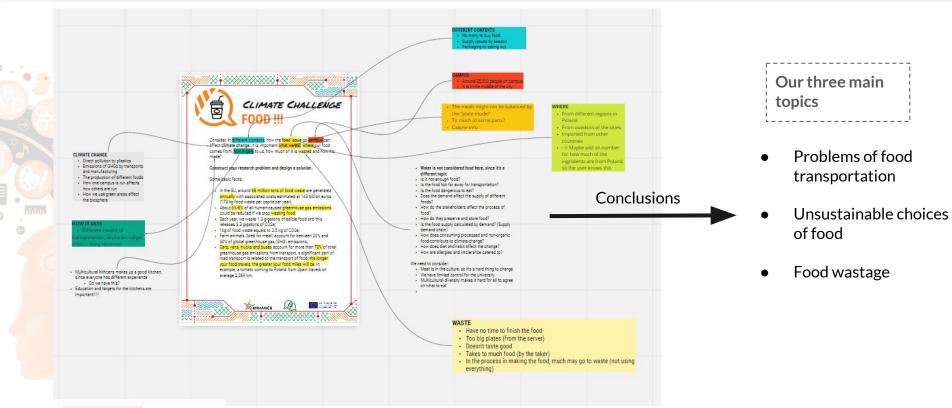
But what is sustainable eating?



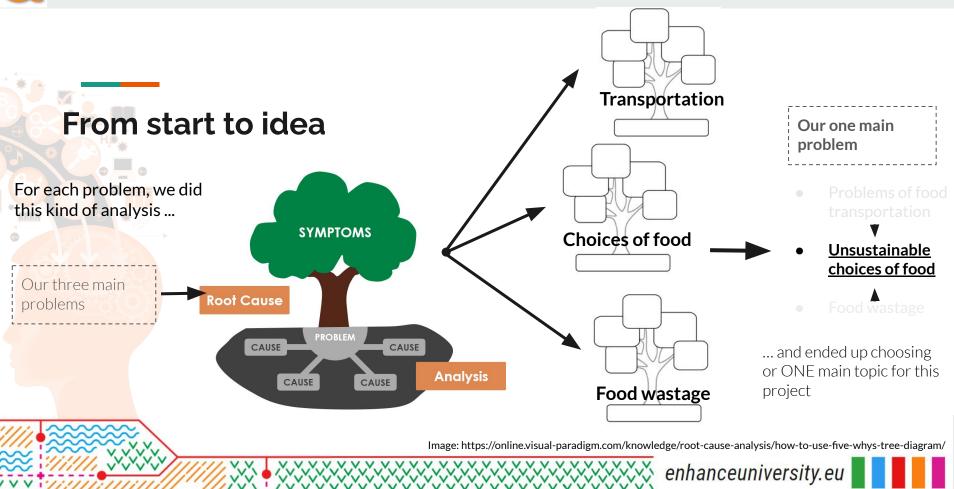


 In the process in making the food, much may go to waste (not using everything)

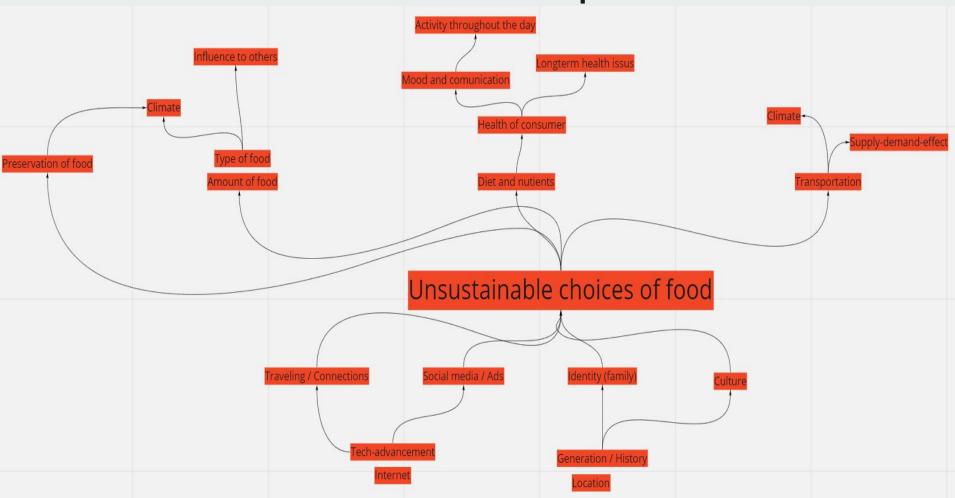








Unsustainable choices of food (Main option)





- INVESTORS
- **EMPLOYES**
- CUSTOMERS
- COMMUNITIES
- **SUPPLIERS**

After choosing our one main topic, we did a <u>stakeholder map</u> to locate the main stakeholders of the project:



Pets

Banks

Waitress

Tourists

Private

investors

Staff

(leaning

Fleamarkers

Students

owner

Logistics

chef

Butchers

Low ers

Campus itself

Fishermen





The How Might We (HMW) technique ...

How might we **ACT** to **CHANGE SOMETHING** for **WHOM**.

Now we wanted one main question to focus on, so we used HMW- technique

For us, HMW became: How might we INFLUENCE STUDENTS to CHANGE Their FOOD HABITS to Be more SUSTAINABLE?





Brainstorming solutions to our HMW-question:

- 1. Individual brainstorming of solutions for some minutes
- 2. Presentation of our ideas to the group
- 3. Clustering the similar ideas together, which got us the following topics:
 - Change through education system
 - Change through marketing
 - Change through the lunch system
 - Change through statistics
 - Some Crazy ideas

How might we INFLUENCE STUDENTS to CHANGE Their FOOD HABITS to Be more SUSTAINABLE?





From start to idea We had some speed bumps after choosing our solution EDUCATION SYSTEM: Obstacles of the different approaches of this problem -Going back and redoing some points -Different opinions within the group -But we managed to get our thoughts together and came up with the following solution:

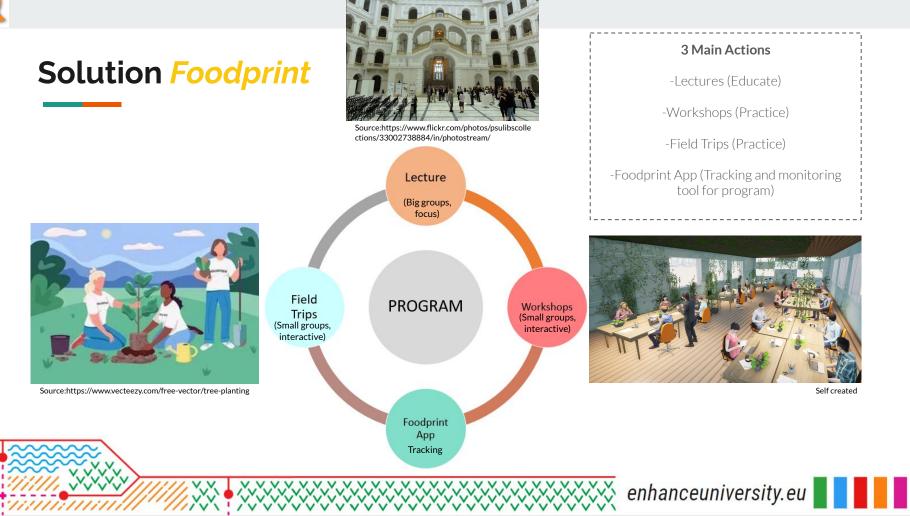
University course called Foodprint



SOLUTION

Foodprint





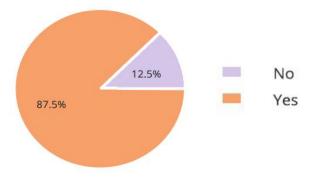


Would this course improve your food habits?

Testing and Feedback

Based on studies and a survey, we decided to implement certain decisions. The most important

questions were as followed.



How would you like to be examined?

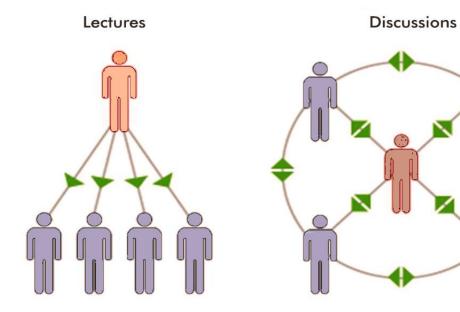




Different methods of teaching would be required to cater to the audience.

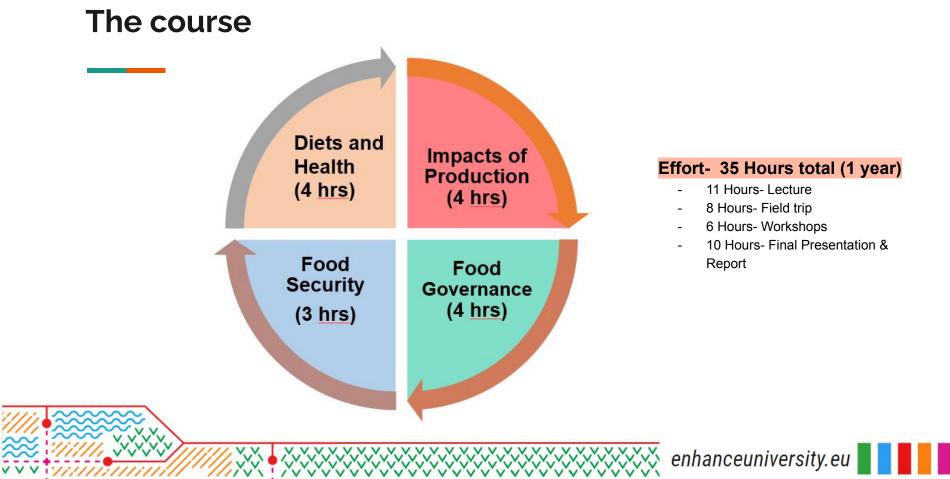
Education

For the course, a **hybrid** model of teaching was selected



Teacher oriented -Auditoriums/ classrooms etc. Student based -Discussion rooms, non-barrier platforms - Requires an additional facilitator





Effort- 35 Hours total (1 year)

- 11 Hours- Lecture
- 8 Hours- Field trip
- 6 Hours- Workshops
- 10 Hours- Final Presentation & Report



Syllabus

- Diets and Health (4 Hrs)
 - Changing food cultures
 - Diets for personal and planetary health
 - The drivers of eating behavior
 - Sustainable eating
- Impacts of Production (4 hrs)
 - Crop production
 - Over-fishing and fisheries
 - Livestock farming and the environment
 - Transportation
- Food Security (3 Hrs)
 - Adapting to climate change
 - Novel technologies
 - Reducing wastage
 - Food Governance (4 Hrs)
 - Empowering farmers and smallholders



The Course arrangement

Different types of assignments can be handed out for tracking and monitoring impact and improvement.

- 1. Daily assignments : Tracking of food habits (Through application)
- 2. Monthly assignments : Based on the topics taught. Can be group works, and further studies to compare change in habits.
- 3. Counselling and discussions for better performances and formation of habit.

Incentives and gamification may improve the performances.



Source:https://thimpress.com/product/assignments-add-on-for-learnpress/



Course Description Prototype

Course name	Foodprint			
Language	English, polish			
Credit points	2,0			
Effort	35-40 hrs	Organizati		
Examiner	-			
Cognizance	Basic competence for basic level			
Purpose	The course is mostly intended to raise awareness in students on the ecological impact of food production, transportation, consumption & disposal and to influence them to change their mindset and eating habits to be more sustainable			
Content	 The course contains: Basic systems thinking (bases of the earth system) Natural and human-caused changes, such as ozone depletion, greenhouse gas emissions, deteriorating air quality and the extraction of natural resources Food systems impact on the climate, like acquisition, processing, packaging, transportation End customer options to affect the sustainability (food preservation, final consumption, final disposal) 			
Learning outcomes	After the course the student shall know: Natural climate effects and human-caused changes and give such examples How food systems affect the environment on a global and local level How and why the end customer can affect the environmental development on a local and global level	and		
Literature	Foodprint App			

ization	- Workshops	 Assignments (self-monitoring of food habit and studying of th 				
ination gements	Examination arrangement: Assignments Grade: Letters					
	Evaluation	Weighting	Duration	Examination aids		
	Attendance	5/10				
	Assignments	3/10				
	Final Presentation	2/10				

We looked into different universities and their coursework.



Lectures

In order to ensure focus, the **pomodoro technique** is used- The lectures should be divided into **shorter** periods of :

25 min-interactive session-10 min-break-25 min-5 min break-25 min session (Pomodoro)

The Pomodoro Technique

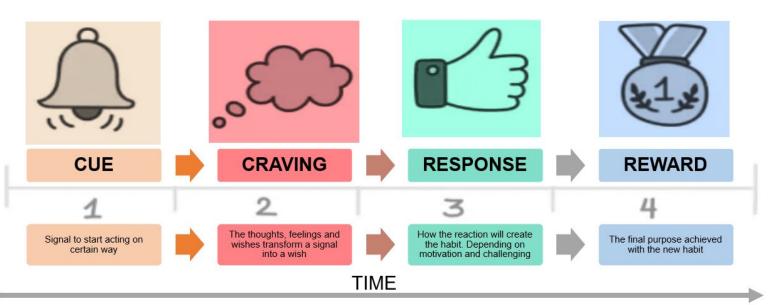


Source:https://www.picmonic.com/pages/the-pomodoro-technique/



Habits

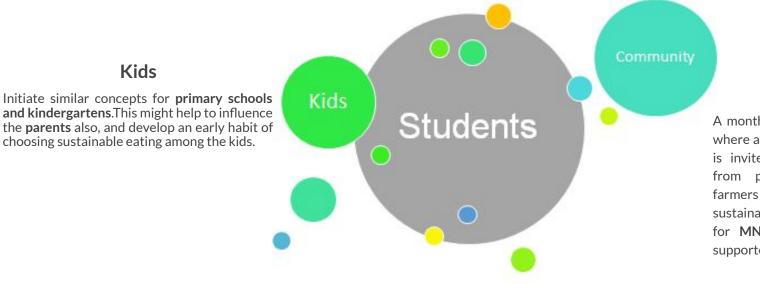
By creating a habit, we will improve chances that the students will continue with the program after the course it's completed. The **4 steps** to create a habit will be **integrated** into the **learning program** and like this the chances of the students continue with this as a "lifestyle" increases.



Atomic Habits by James Clear



How might we **INFLUENCE MORE PEOPLE** to **CHANGE Their FOOD HABITS** to Be more SUSTAINABLE?



Community

A monthly open door day at Campus where all the **surrounding community** is invited and will receive lectures from professionals, students and farmers about how to eat more sustainable. This can also be organized for **MNCs and other offices**, and supported by the in-house canteens.



Foodprint App.



Foodprint App



+ Warsaw University of Technology

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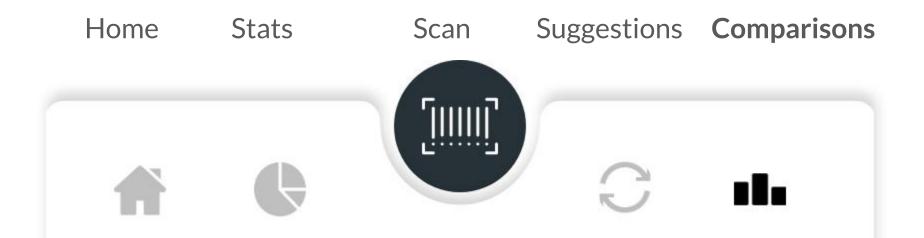
Video of User Interface

This is the main **tool** for **self monitoring** in the course:





5 PARTS of the App





Overview





"If you are planning for a year, **sow rice**; if you are planning for a decade, **plant trees**; if you are planning for a lifetime, **educate people**."

- Chinese Proverb





Now...

How might **YOU** improve your food habits to be more sustainable?



Let's start by approving FOODPRINT







THANK YOU for your attention! Take care of the climate!



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