

Assignment

Living Lab EnTranCe

Title assignment: Educational escape room for the energy transition

Client: Entrance / Lectorate Communication, Behaviour & the Sustainable Society (Tania Ouariachi and Sarah Elbert)

Problem: The northern areas of the Netherlands want to become an energy region. In this context, Entrance works on innovative projects and solutions for the energy transition. Engaging citizens in energy, is a key issue for our future. Currently, conventional media has proven to have many limitations in engaging people at the cognitive, emotional and behavioural levels. That is the reason why Entrance is looking into innovative strategies, and one of them is educational escape rooms, which is the application of recreational ones to educational purposes to engage people in their environment, and encourage both hard skills and soft skills.

Description of the assignment:

Students from the Master Energy for Society are developing a prototype for an educational escape room on energy transition. This prototype will be available in a container at Entrance to be played by students and staff during block 3. Entrance plans to upscale the idea and replicate the escape room in different events and locations: New Energy Forum, Energy Fair, Municipality of Groningen, etc. In order to make this work, several steps are necessary, among which doing research about the feasibility and conditions under which this upscaling would be successful. Therefore, we need students who will carry out the following tasks:

- evaluate the final prototype in terms of educational purposes (raising awareness and knowledge on energy transition) and gaming aspects (difficulty of puzzles, consistency of missions, fun)
- study possibilities for upscaling and replicating the prototype in different events/locations
- facilitate the game for participants who want to play the escape room at Hanze during block 3 and study the effects of the game on participants

Professorship: Lectorate Communication, Behaviour & the Sustainable Society

Related professorship(s)-

Suitable for students of the course(s):

Preferably, we are looking for an interdisciplinary team of 2 students: one with a background in energy, and another with a background in game, who can work together on the assignment from their respective fields of knowledge. However, students from other fields (such as the social domain) are welcome to respond too.

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Type of assignment:

Bachelor – graduation

Period:

Semester 2, 2022-2023

What are we, and where do you find us?

The Living Lab EnTranCe is the place where students work together with teachers, researchers, the business community, governments and/or civil society organisations on complex issues. We do this at the following locations:

- Location Proeftuin, Zernikelaan 17
- Location Energy Academy Europe, Nijenborgh 6.

What do we offer?

Interesting, topical and multidisciplinary research assignments in the field of energy transition.

Space for collaboration with lecturers, researchers, lecturers and the professional field.

Guidance within the living lab by theme coordinators, project leaders or experts.

Are you interested?

Then please contact us:

Jacqueline Joosse, Coordinator Living Lab EnTranCe.

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