**EUDRES ILivingLabs in MATE**

Imagine future’s universities, where there are no teachers and students, but there are learners. Imagine, there are no borders, but opportunities to learn across all Europe. Imagine, there are even no old-fashioned front classes, but there are highly engaged learning groups. Imagine those classes, where all learners are cooperating, involving their individual ideas and knowledge in a multidisciplinary team with collaboration of external stakeholders co-creating innovation in real word context. This is the concept of ILivingLabs.

Although, it probably seems to be a prediction for far future, but it has already come true in MATE with the cooperation of five other European universities. From this semester ILivingLabs are running in three major topics: circular economy, artificial intelligence and active aging and wellbeing.

In the field of active ageing and wellbeing even two ILivingLabs are already running: *BrainPower by smart food* and *Healthy Lifestyles for Youngsters* in collaboration of the Institute of Foodscience and Technology and the Portuguese Technology and Polytechnic Institute of Setúbal.

The ILivingLab *BrainPower by smart food* goals to find innovative connections between nutrition, physical activity and mental performance. The nature of ILivingLabs requires innovative teaching and learning techniques like the approach of design thinking. It means, that the needs and ideas of learners provide the narrower target and output of every semester. So, in this point of view, every semester has a unique goal set by the learners. Now the learners design an on-line platform improving nutrition, physical activities and mental health of quarantined people during the pandemic.

The multidisciplinary group of learners contributes the different points of view in this idea. Food engineers provide the right nutritional recommendations, The members of our ILivingLab studding sports formulate training programs for physical activities and exercises which can be easily carried out at home, as long as group members interested in IT are working on implementation on an on-line platform. The learners can contribute all their own specific knowledge and ideas to rich our goal, which provides their engagement on our topic.

The ILivingLab *Healthy Lifestyles for Youngsters* is focusing on three dimensions of wellbeing (nutritional, mental and physical health) of university students. In this ILivingLab all learners are searching for innovative solutions to find roots to a healthier way of life. In this semester learners are focusing on the relationship between physical activity and nutrition. The multidisciplinary international group realized as a common need more opportunities for physical activities and well-balanced diet during pandemic and during and follow on-line education. Learners are still working on their narrow goal involving a Hungarian external stakeholder. This ILivingLab is still in define phase in design thinking, formulating their point of view. As the next steps learners are working on ideation, prototyping and testing to find right solutions to their own need.