Hybrid-Innovative-Learning-Lab (HILL), a project to develop a novel model of LMS¹ tailoring the training to each learner in the field of sustainable food design

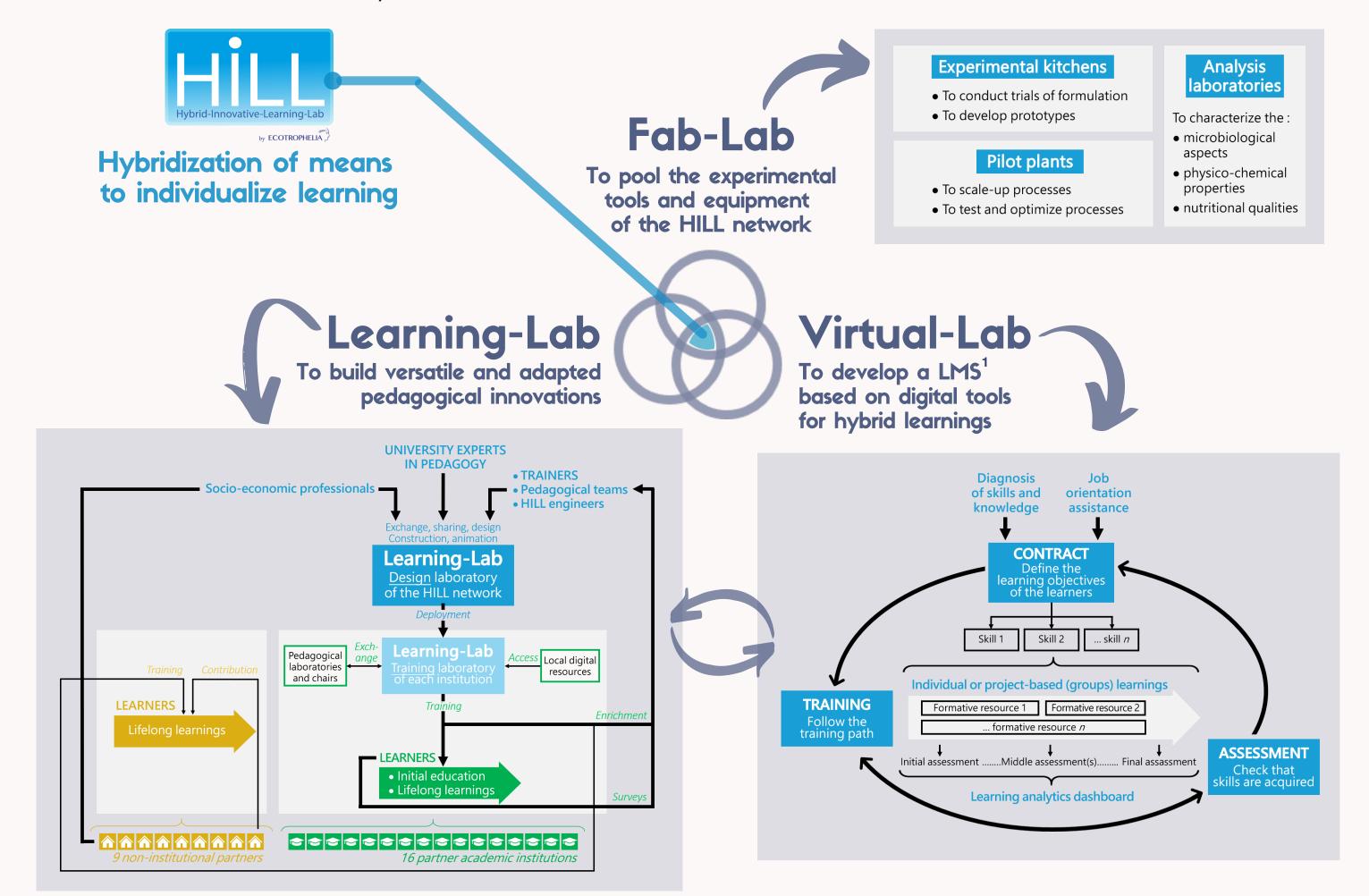
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HILL (Hybrid-Innovative-Learning-Lab) is a nationwide French project that involves 25 partners to collaboratively develop an innovative offer of initial education (from bachelor's to master's degrees) and lifelong learnings in the field of sustainable food design. It runs from 2018 to 2028 and is based on a fundamental observation: the digital natives (born between 1995 and 2010) aspire to a global approach of the training with consistency between their learning objectives, the educational activities and the assessment. They seek to learn independently, work in a more collaborative manner and give sense to their learning. They are not interested in accumulating knowledge and prefer to learn through experimentation. They favor the hybridization of an active pedagogy and a (interactive) transmissive mode. They aspire to more individual support in their learning, with regular feedback all along their training. Trainers are no longer the sole source of knowledge and are rather viewed as coaches who can help them choose the best path to pursue (Casoinic, 2016; Couture, 2015). In this context, the HILL consortium aims to propose a different kind of education towards a more globalized and sustainable world. It addresses these issues as follows:

How to build and improve the modularity of training paths in the field of sustainable food design, by better aligning:

- the individual objectives of each learner,
- the formative resources (existing and developed),
- and the assessment of scientific, technical and soft skills?



The LMS¹ will be key in the modularity and hybridization of training paths. It is under construction and will allow users to have access to:

- Tools to define the learner's objectives and the training path adapted to these objectives
- A set of innovative formative resources and assessment tools in food eco-innovation
- A tool to coach groups of learners in project-based approaches
- Dashboard to monitor the progress and make the right adjustments throughout the training

¹LMS (Learning Management System): a software application or web-based technology used to plan, implement and assess a specific learning process (for e-Learning practices).

Casoinic, D. A. (2016). Les comportements des générations Y et Z à l'école et en entreprise. Economie et Management, 160 (juin), 29–36. Couture, M. (2015). "Les apprenants de la génération Z et les technologies de l'information et de la communication". https://www.usherbrooke.ca/ssf/veille/perspectives-ssf/numeros-precedents/decembre-2015/le-ssf-veille/les-apprenants-de-la-generation-z-et-les-tic/



HILL is funded by the French National Research Agency (ANR) from 2018 to 2028 and involves 25 partners, including 16 academic institutions, 2 campuses of trades and qualification, 2 federal structures, 3 professional sectors, 1 joint organization and 1 IT company. https://hill.ecotrophelia.org

















































