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BIOMIMICRY DESIGN for sustainability skills in VET

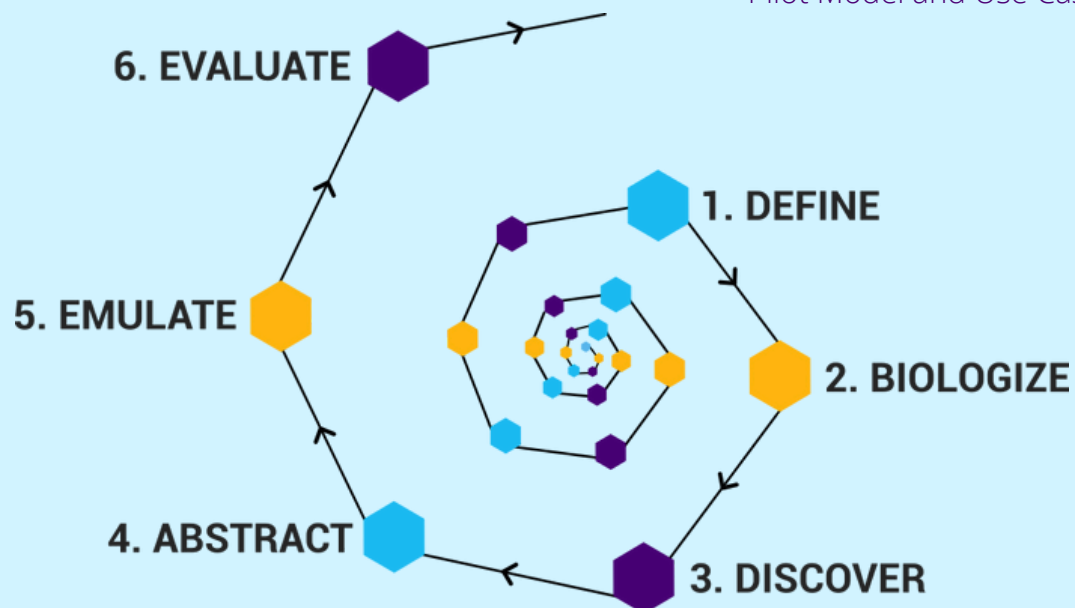


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About the project

Let's mimic aims to integrate biomimicry into Vocational Education and Training programs to enhance **sustainability, innovation,** and **practical skills** among students.

The project ensures that VET programs are sustainable and relevant, supporting young people to develop green and environmental skills linked to the UN Sustainable Development Goals (SDGs).



Expected results

- Biomimicry Process Design for Sustainability Skills
- Biomimicry Training Modules
- Self-regulated Learning Kit
- Biomimicry Platform: the Microlearning module, the Self-Regulated Learning module, the Teamwork module, the Gamification module and the Assessment module
- Biomimicry Handbook for teachers
- Instructors' Technical Guide
- Pilot Model and Use Case Definition

Biomimicry

Biomimicry is an approach to innovation that seeks sustainable solutions to human challenges by emulating nature's time-tested patterns and strategies.

The core idea is that nature, through millions of years of evolution, has already solved many of the problems we are grappling with today.

By studying and mimicking the designs, processes, and systems of nature, we can develop new technologies and solutions that are more efficient, sustainable, and resilient.

Key principles of biomimicry include the **emulation of natural forms**, namely copying shapes and structures found in nature, the **emulation of natural processes**, which refers to how nature produces outcomes, and the **emulation of natural systems**, which involves understanding and mimicking the interconnectedness and interdependence seen in ecosystems.