

Cadiz  
International Staff  
Week

22/07/2021

# Sustainability at UBO

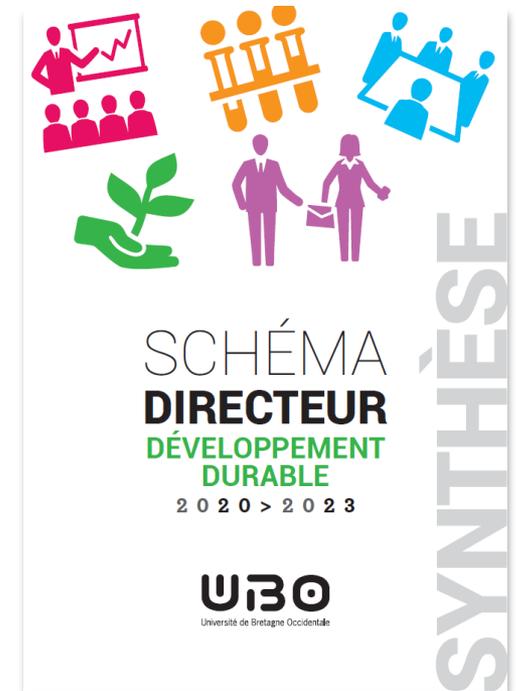


## 5 Key aspects

- University Strategy / SEA-EU focus
- Education & training
- Research
- Student life
- Sustainable campus

# Strategy for Sustainable Development @UBO

- The University Framework for Sustainable Development 2020
  1. Governance and local integration
  2. Education and training
  3. Research and innovation
  4. Environmental management on campus
  5. Social policy
- SEA-EU focus
  - Local initiatives on campus
  - supports SD in training & research
  - Observatory for sustainable blue growth



# Education & training

- **3 Best practices @UBO // SDGs**
  - 'Free' Teaching Unit : Sustainable Development "Water and Energy" (24h course, BSc level)
  - Sustainable Development Course (BSc in biological engineering, 24h course)
  - Master's degree in Gender Studies & against Discriminations
- « SD as a transversal skill » transdisciplinary Working Group : develops a strategy to better involve **sustainability as a concept** but also as a **transversal skill** within existing training programs
- Creation of 2 modules on sustainable Dvlpt for Sept. 2022 :
  - introductory module (6h - BSc First year, mandatory) & advanced module (24 hrs, BSc Second year)

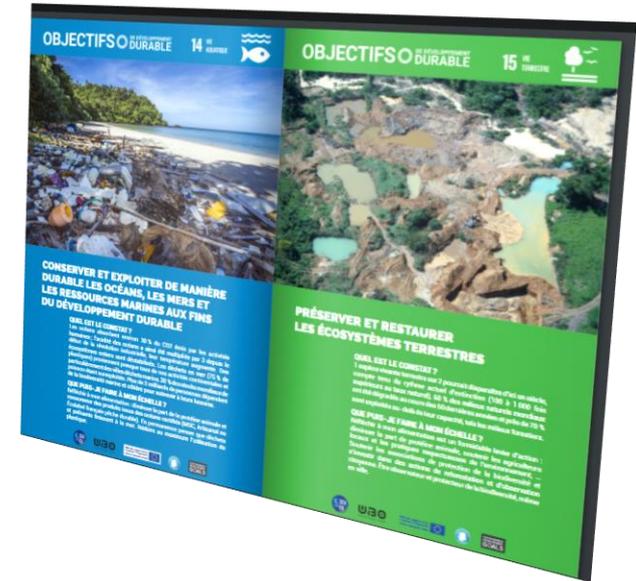
# Research

« **Labos 1.5** » / <https://labos1point5.org/>

- Involve UBO's research units in a national study
- Aim is to reduce the environmental footprint of research activities
- More than 100 labs involved nationally
  
- Contacts @UBO :
  - Dr Olivier Ragueneau
  - Olivia Lahens (reSEArch-EU)

# Student Life

- SDGs campaign
- Awareness-raising for Sustainable Development goals on campus through printed posters



# Student Life

- A cooperative art project : the Climate Mural
- Student week for sustainable DvIpt
- Online & on site



# Student Life

- 4 internships dedicated to Sustainable Development
- Learning about practices in SEA-EU partner universities & find common solutions
  - Environmental impact & sustainability of sports practices
  - Cycling practices on campus (with possible visiting period in Cadiz)
  - Coastal risks assessment through smartphone apps
  - 1.5 Labs approach (reduce research environmental footprint)

# A sustainable campus

- 1st "Innovative and sustainable campus » Funding Program
- Call for proposals (Student & staff)
- Support the emergence and deployment of innovative projects that promote the construction of a sustainable campus



**APPEL À IDÉES**

U30  
Université de Bretagne Occidentale

**POUR UN CAMPUS  
INNOVANT ET DURABLE**

*Ouvert aux étudiants  
et personnels de l'UBO*

Mobilité, énergie, inclusion, solidarité...  
Un projet en tête pour améliorer le campus ?  
Partagez votre idée !  
Nous vous accompagnerons pour la concrétiser !  
Informations sur : [www.univ-brest.fr](http://www.univ-brest.fr)



# A sustainable campus

- « Soft mobility scheme » : bicycle repair workshops, bicycle shelters, promoting new practices... in partnership with local associations
- 1 Energy transition manager recruited in May 2021



*à vélo  
au boulot... et tout trajet  
utilitaire !*

**Du 10 mai au 11 juin 2021**  
INSCRIPTION : <http://brest.challenge-velo.bzh>  
INFORMATIONS : [contact@bapav.org](mailto:contact@bapav.org)

Träger  
Bicyclette

Kern  
a vélo

Skiat  
APRV

COOP  
FRFR

Brest

Logo of the University of Brittany Occidentale

# Thank you for your attention





# Including SDGs in our courses: some experiences in UBO.

March 2021  
[Contact-sea-eu@univ-brest.fr](mailto:Contact-sea-eu@univ-brest.fr)





# 1. 'Free' Teaching Unit : Sustainable Development *"Water and Energy"*

A free teaching unit is a course where no preliminary knowledge is required to understand its content. Student at the **BsC level** have to choose 2 to 4 FTU among a list of 50 during the 3 years of their Licence.

Each year, 250 students choose this teaching Unit

1/ Fundamentals of Sustainable Development. Implementation at individual, regional and global levels.

2/ Water in terms of resource and management. External water cycle, distribution of water on the earth, the transport and accumulation threats of floating marine debris.

3/ Energy in the world : From fossil fuels to renewable energies. World energy balance and outlook, greenhouse gas emissions and global climate change.

24h of lectures

Contact: [alain.fessant@univ-brest.fr](mailto:alain.fessant@univ-brest.fr)





## 2. Sustainable Development Course

### – for Bachelor students of the University Institutes of Technology

Students in 2<sup>nd</sup> year of BSC in biological engineering

- **Introduction** training to the SDG (12h): based on an interactive activity on the **sustainability literacy test** (through [SULITEST](#), a tool from NU to develop SDG literacy), students become aware of the interconnection between the SDG.

- **Personal work** (12h): each student have to chose a topic for a study presentation of their case study. They perform bibliographic research so as to identify the stakeholders and issues at stake. They can work on their case using data from varied and possibly contradictory reliable and identifiable sources. Students are required to use collaboration and project management tools throughout this project, and also mind mapping software.

- **Assessment**: the 20-minute case study presentation is evaluated on its overall quality and in-depth exploration of the subject. Students also use a self-assessment tool (matrice pme, developed by Doucet & Gagnon (Sherbrooke Univ.) which allows them to grade their own work compared to the other members of the group. This tool is used at different stages of the project.

Contact: Frédérique Duthoit <[frederique.duthoit@univ-brest.fr](mailto:frederique.duthoit@univ-brest.fr)>





# 3. Master's degree in Gender Studies & against Discriminations

## A full Master degree totally dedicated to SDG 5

This Master's degree in Gender Studies is co-accredited by 5 universities, among UBO. It is entirely offered by distance learning. It is composed of 2 courses, after a common core in M1:

- the Bodies and Biopolitics course, mainly aimed at students who wish to pursue doctoral research
- the Discriminations course is intended for students aiming at an immediate professional insertion outside the doctoral course.

The Master's in Gender Studies offers multidisciplinary training (history, sociology, law, film studies, literature, etc.) by specialists in these issues.

It allows students to acquire theoretical knowledge on gender and the methodologies of the human and social sciences through interactive distance learning (scripted courses, videos and audio courses, virtual classes, etc.).

