



2023 Master internship at UBO



LAB & PEOPLE

- Name of the hosting lab: LABERS
General activities of the lab: Social Science Research
Website: [Laboratoire d'études et de recherche en sociologie \(univ-brest.fr\)](http://laboratoire.d.études.et.de.recherche.en.sociologie.univ-brest.fr)
Number of staff / PhD: Professors (3), Lecturer (12), Research Engineer (2), PhD Student (10), Other non-permanent staff (13). Total : 40
- Supervisor name and contact : Alice Grasset → alice.grasset@univ-brest.fr

Title : Impact of urban atmospheres on itineraries and modal choices of students and employees in areas in cities of the SEA EU alliance.

TOPIC OF THE INTERSHIP

- Scientific context of the internship (max 20 lines)

University campuses of the Sea Eu alliance are often located in urban area and have a role to play in transport planning since they are amongst the largest generators of commuters. However, mobility to and from the work and study place is still characterised by high levels of private car use, resulting in traffic congestion, parking constraint and many others side effects ¹.

Our objective is to assist the improvement of public space around campuses in city centres and suburban areas by increasing bikefriendliness and walkfrindliness and to inform students and employees on active commuting benefits ²⁻⁴. Some universities have a higher experience about active travellers and have already conduct an assessment and spatial distribution of perceived walkability and bikeability around campus. While some others are at the very beginning of the process. We would like to create a shared vision and to collect on a web platform : tips, methods, programs, itineraries, and all material to promote sustainable mobility to and from campuses.

To do so, an online workshop cycle of 6 sessions in 2022-2023 could allow each university to present contributions and share barriers and opportunities for active mobilities. Also the relevance of a bikeability index¹ in the European context, could be tested and represent an opportunity to co-analyse existing data or to help in building some data collection project with partners. At last, a common policy recommendation for promoting active travel in SEA EU campuses will be published, similar to the work carried out in the United States ⁵. We would like to launch a challenge or a program “becoming a bicycle friendly university” in 2024-2025.

Keywords

¹ [Et si un indicateur de cyclabilité aidait à objectiver les politiques publiques et à mieux comprendre les dynamiques locales ? | Vélo & Territoires \(velo-territoires.org\)](http://Et%20si%20un%20indicateur%20de%20cyclabilit%C3%A9%20aidait%20%C3%A0%20objectiver%20les%20politiques%20publiques%20et%20%C3%A0%20mieux%20comprendre%20les%20dynamiques%20locales%20%3F%20%7C%20V%C3%A9lo%20%26amp%20Territoires%20(velo-territoires.org))



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#bikeability #walkability #sustainable mobility #cooperation #mapping #suburban
#city centre

Bibliography

- (1) Chatterjee, K.; Chng, S.; Clark, B.; Davis, A.; De Vos, J.; Ettema, D.; Handy, S.; Martin, A.; Reardon, L. Commuting and Wellbeing: A Critical Overview of the Literature with Implications for Policy and Future Research. *Transp. Rev.* **2020**, *40* (1), 5–34. <https://doi.org/10.1080/01441647.2019.1649317>.
- (2) Barban, P.; De Nazelle, A.; Chatelin, S.; Quirion, P.; Jean, K. Assessing the Health Benefits of Physical Activity Due to Active Commuting in a French Energy Transition Scenario. *Int. J. Public Health* **2022**, *0*. <https://doi.org/10.3389/ijph.2022.1605012>.
- (3) Bourne, J. E.; Sauchelli, S.; Perry, R.; Page, A.; Leary, S.; England, C.; Cooper, A. R. Health Benefits of Electrically-Assisted Cycling: A Systematic Review. *Int. J. Behav. Nutr. Phys. Act.* **2018**, *15* (1), 116. <https://doi.org/10.1186/s12966-018-0751-8>.
- (4) Wallace, R.; Green, S.; Agarwal, G. Promoting the Health Benefits of Walking and Bicycling to Work: A Qualitative Exploration of the Role of Healthcare Providers in Addressing Barriers to Active Commuting. *Sports Exerc. Med. - Open J.* **2016**, *2* (2), 24–32. <https://doi.org/10.17140/SEMOJ-2-135>.
- (5) Wilson, O.; Vairo, N.; Bopp, M.; Sims, D.; Dutt, K.; Pinkos, B. Best Practices for Promoting Cycling amongst University Students and Employees. *J. Transp. Health* **2018**, *9*, 234–243. <https://doi.org/10.1016/j.jth.2018.02.007>.

- Tasks and duties entrusted to the student:
 - Assess the situation on the ground by going walking and cycling around UBO campuses
 - Establish a working group of all SEA EU partners interested in sustainable mobility
 - Benchmark and overview of sustainable mobility policies in SEA EU campuses
 - Planification and organisation of a workshop cycle of 6 online sessions in 2023
 - Facilitate partners contributions working group
 - Generate and feed a beta version of a Sea Eu web page
 - Mapping itinerary to and from campuses
- Skills to be acquired or developed:
 - Qualitative methods
 - Mapping
 - Program coordination
 - Knowledge about benefits, risks and perceived risk of sustainable mobilities
 - Communication in a multicultural program



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PROFILE OF THE DESIRED STUDENT

- Minimum level of study required: Master degree
- Field(s) of study: no preferences in social sciences (sociology, demography, geography, history, transportation, engineer, urban studies, etc) or active mobility activist
- Scientific skills: mapping (open street map), qualitative method (ethnography) and descriptive statistical methods (univariates and bivariate)
- Language skills required: English, French (optional)

THE INTERNSHIP ASSIGNMENT:

Desired duration of the internship (in months): 5

Desired Starting date of the mission: 08/02/2022 to 08/07/2022

Indicative weekly schedule: 35h / week

Remuneration: 600€/month, paid on French SEA-EU funds for a maximum of 5 months; additional Erasmus grant could be asked to your own university.

Internship agreement: *an internship agreement will be signed.*

To SEA-EU students:

If you're interested please send your CV and letter of motivation to the scientist in charge, alice.grasset@gmail.com before the date 10/01/2023.