

## Traffic Study and Proposal for a Bike Lane for the University of the Basque Country

**Authors :** Elisabete Alberdi, Irantzu Álvarez, Laura Girón

**Abstract :** The objective of this work is to propose a cycle path or network of paths to the UPV/EHU Campus in Leioa. The proposal will be presented from the point of view of sustainability. In order to achieve this, the roads that are already built will be used, and the road or network will be proposed to be built with the least amount of money possible. To select the most suitable route for the bike lane, various sources of information have been used. Through this data, we analyse the transport infrastructure and the mobility around the UPV/EHU Campus in Leioa. This work aims to satisfy the mobility needs of users on the University Campus to contribute to the sustainability of the campus.

**Keywords :** cycle lane, sustainability, accessibility, transport, agenda 2030

**Conference Title :** ICEESD 2021 : International Conference on Environmental Engineering and Sustainability Dynamics

**Conference Location :** Istanbul, Türkiye

**Conference Dates :** November 08-09, 2021