**Modeling the impacts of replacing car trips with combined public transport and cycling: Reproducible methods, results and actionable evidence from biclaR**

**Highlights**

* We estimated the potential for cycling combined with public transit as a substitute for car
* Socio-environmental impacts were assessed and monetized using open source tools
* In Lisbon, 10% of all trips could be made by cycling in combination with public transport
* Socio-environmental benefits are of €125 million to €325 million over 10 years
* Assessing impacts supports policymakers in prioritizing interventions that reduce car dependency