

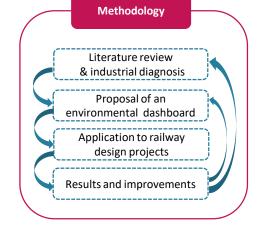
Research questions



Environmental performance as a socio-economic lever for a company: the case of SNCF Réseau

The purpose of this thesis is to answer the main question: **How to** monitor the environmental performance of SNCF Réseau, the railway infrastructure manager in France, as a socio-economic lever for its industrial activities?

How to characterize environmental performance in a complex design process? Systemic analysis of the design project process in SNCF Réseau Dimensions of environmental performance in infrastructure projects How to measure and monitor environmental performance in infrastructure design projects? Evaluation approaches in the design project process Development of an environmental dashboard From environmental to global performance: how to characterize environmental actions? Monetarization of environmental externalities Linking environmental and global performances



Example of a railway project that involves various stakeholders and generates externalities





