

5G-EMIT

5G Emission Monitoring Platform

15.01.2021 - 14.01.2023

@ Luxembourg City &
Esch-Belval

5G-EMIT aims to propose and validate a data-driven network planning solution to recommend optimal network deployment strategies, while considering radiofrequency electromagnetic field (EMF) limits and the various features provided by new 5G technologies. The project's platform is divided into two parts:

- 1) A national observatory where members of the public can examine the base stations and radiofrequency transmitters deployed in Luxembourg, as well as access EMF exposure measurements from fixed and mobile sensors deployed in the framework of the project.
- 2) A decision support system that relies on advanced simulation and optimization techniques to facilitate the deployment, compliance and durability of 5G in Luxembourg.

This project is therefore of interest to regulators and operators wishing to optimize the deployment of 5G infrastructures while respecting the regulations in force. The project also explores the specific procedures required for deploying new transmitters, such as commodo-incommodo requests (permission to operate classified establishments).

For more information, visit the [project website](#) or view the [5G & me video](#).

Coordinator



With contributions from

Co-funders



THE GOVERNMENT
OF THE GRAND DUCHY OF LUXEMBOURG
Ministry of State

Department of Media, Connectivity
and Digital Policy

