



## **EFGS2024**

### ***Map on Facilities and Services of General Interest – Webgis and geospatial data integration***

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This presentation aims to showcase the ongoing outputs of The Map on Facilities and Services of General Interest application (CE-SIG), a statistical-geospatial product currently developed by Statistics Portugal (co-financed by the Portuguese Technical Assistance Operational Program).

The CE-SIG web mapping application embodies interactive spatial visualisation and search tools (e.g., spatial queries) and displays georeferenced data on public and private equipment and services of general interest (hospitals, pharmacies, schools, etc.) and associated accessibility/demand geographies, descriptive information and territorial indicators (area, territory and equipment). It will be publicly available to the users at the end of the 2nd quarter of 2025.

The CE-SIG project was built upon previous data acquisition and integration implied on the National Data Infrastructure (Strategic Data Initiative of Statistics Portugal), enabling the overall integration of data from other external sources.

Besides spatial visualisation of the equipment and service point location, the CE-SIG application also provides descriptive information for each equipment and service and respective accessibility and demand geographies. These functional geographies were derived based on physical and economic rationality time distances (service areas), the place of residence of the population (potential catchment areas) and data on their users (effective catchment areas), when available.

The input point georeferenced data on the equipment/service and census population enabled deriving new geographical variables by aggregating and processing accessibility and demand indicators at the grid level associated with the service and catchment areas, such as population, surface area and dwellings within 15 minutes walking time from a given equipment/service.