



BETTER MOBILITY TODAY

3D MODELLING AND SIMULATION

WHAT?

Coupling the best of 3D technology with urban data sets, ENGIE makes interactive, systemic simulations of the impact of infrastructure or alternative-transport projects (e.g. alternative fuels). **3D modelling gives ENGIE a clear vision of the impact that a project will have on the quality of transport networks, impacted flows, noise pollution due to road works, or the improvement of air quality** (“if we replace a diesel bus line with electric buses, how will it impact air quality?”) with regard to public policies that have been implemented.

The amount of detail offered by ENGIE’s 3D simulation and modelling technologies make it a remarkable decision-making (modelling several scenarios), communication and educational tool.

WHY?

- To **improve knowledge of the impact of public decisions.**
- To **choose the best transport solution** with regard to its impact on the rest of the region.
- To **present and communicate in an interactive, collaborative way** on an infrastructure or alternative-transport project.

HOW?

ENGIE carries out the entire 3D modelling and simulation process, from collecting data to processing and presenting it.

FOR WHOM?

- **Local authorities**, such as: Santiago (Chile), Paris (France), Chengdu (China), and North Tyneside (UK).
- **Transport companies** like: Cisco, RATP, Société du Grand Paris, Vinci, Artelia and ENGIE.
- **Property players** like: Cisco and RATP.

**Want to know more
or get in touch with one
of our transport experts?**

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