



Multimodality and Geographic Information Systems (GIS)

多模态和地理信息系统



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GIS solution publisher and service provider for urban transportation and mobility

城市交通和流动性GIS方案发布和服务提供商





Transit Authority (Toulouse, France)



Transit Operator (Montréal, Québec)



Regional Authority (South-West of France)



Network operator



Real Estate Company



City of Shanghai



Aerospace Company



Transit Operator (Paris, France)



European Project



Paris Airports Management Company



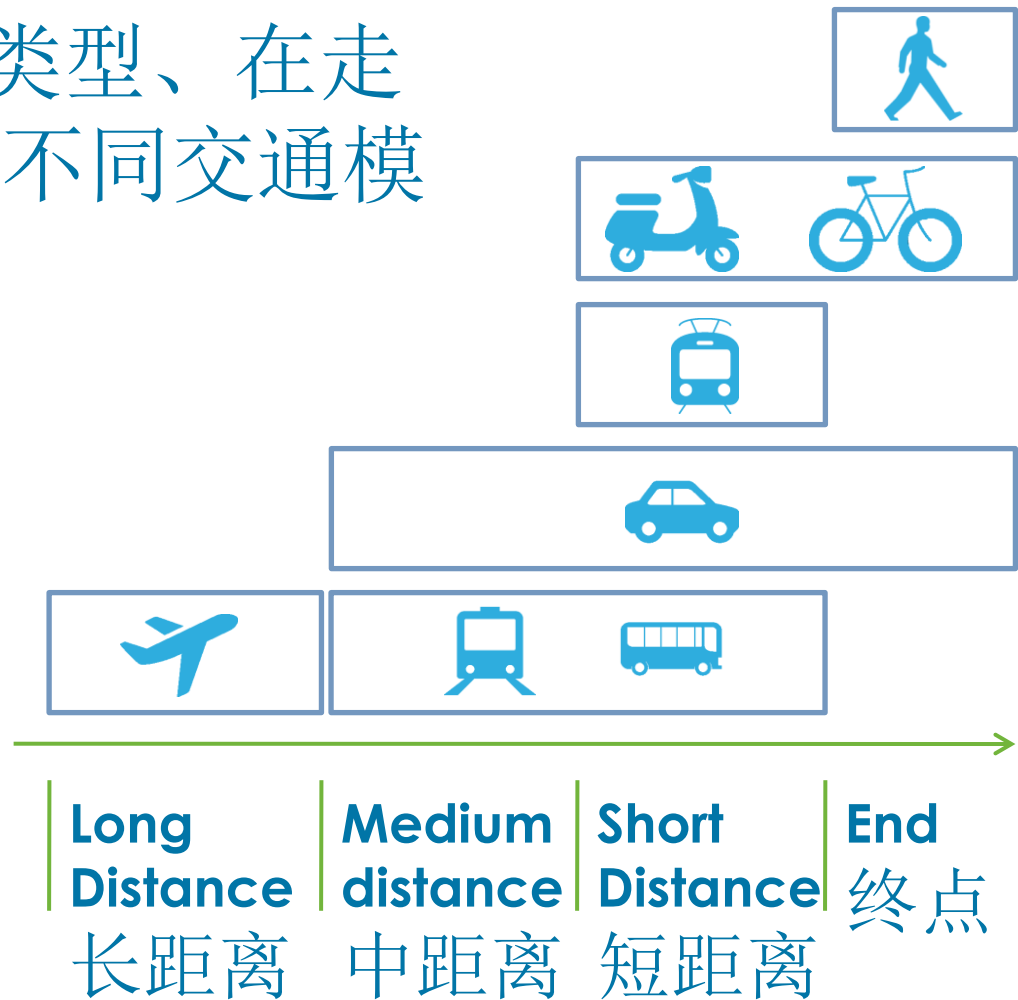
Design office



Design office of SNCF

不同时间与旅途类型、在同一条路线时使用不同交通模式的可能性

多模态提供全球化的高效多式联运、满足了乘客的需求



How to optimize the multimodality of an urban transportation system? 如何优化城市交通系统的多模态性？

-  The offer 提供服务
-  Passenger information 旅客信息
-  Multimodal hub 多式联运枢纽
-  Pricing 价位
-  Ticket 票



MobiAnalyst

SMART-CO2 TRANSPORTS



Find out a new way to plan your transport !

最优秀的**ArcGIS**桌面应用



**Esri Partner Conference
2014 Award Winner**

ArcGIS for Desktop Based Application

Decision-making tool for multimodal planning

多式联运规划决策工具

关键功能:

- 提供运输计划和分析
- 创建与比较方案

Technology 技术:

- ESRI ArcGIS为基础的解决方案



Utilization way 利用方式:

- Desktop 桌面
- Online 网络



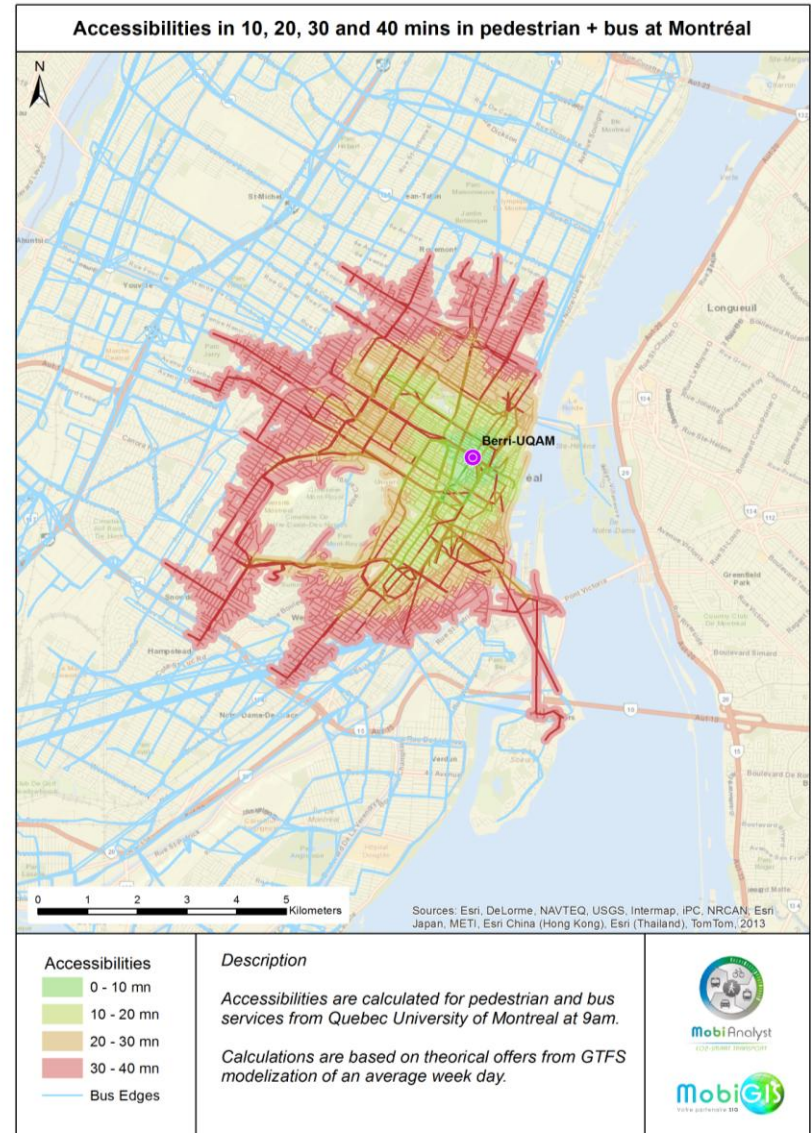


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SMART-CO2 TRANSPORTS

Montréal (Canada) 蒙特利尔 (加拿大)

Multimodal isochron 多式联运isochron



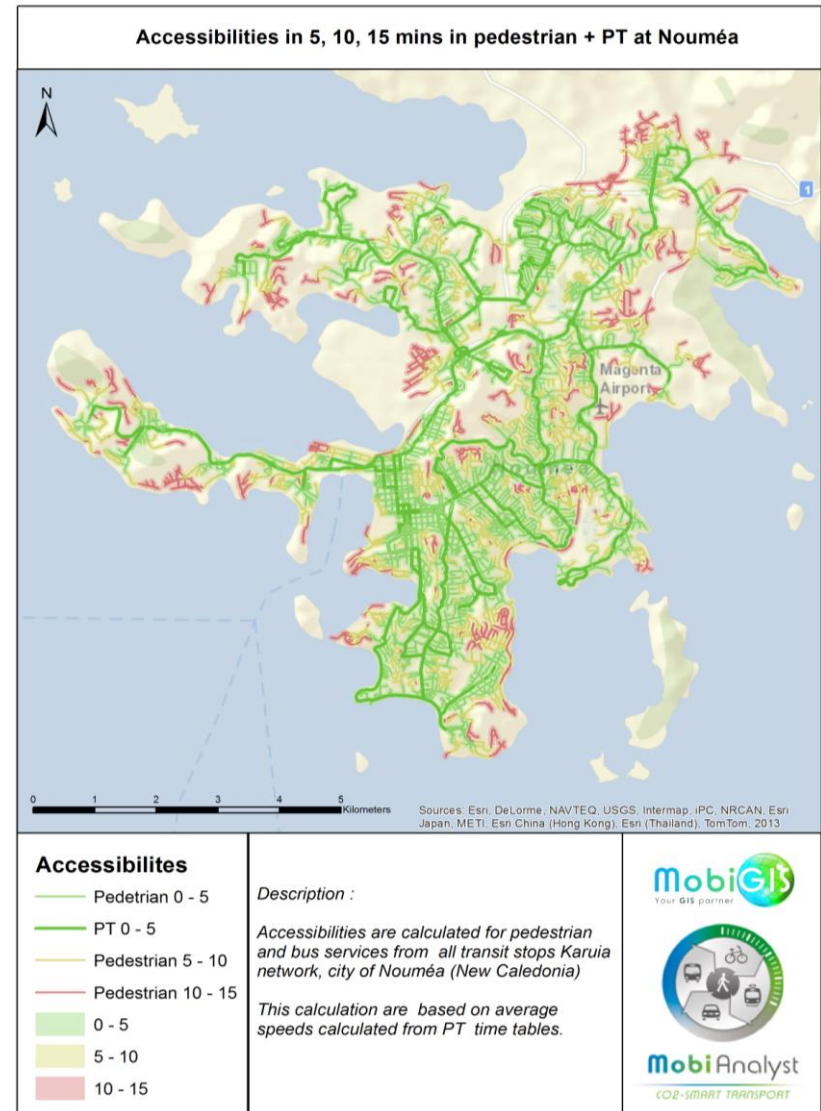


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SMART-CO2 TRANSPORTS

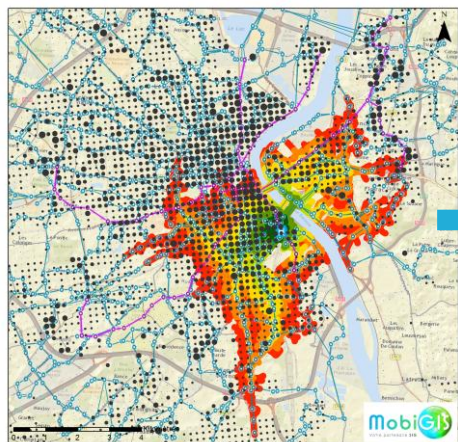
Nouméa (New Caledonia) 努美阿（新喀里多尼亚）

Territory accessibility from bus
stop locations
公共汽车站的可达性



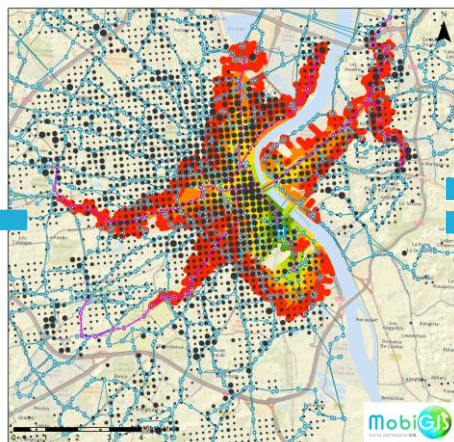
公共汽车网络

30分钟内覆盖
25%



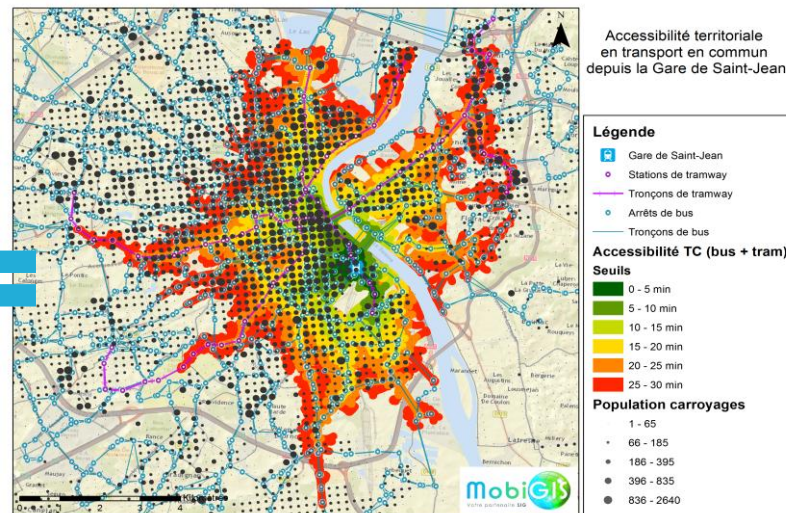
有轨电车网络

30分钟内覆盖
30%



多模态网络

30分钟内覆盖**75%**



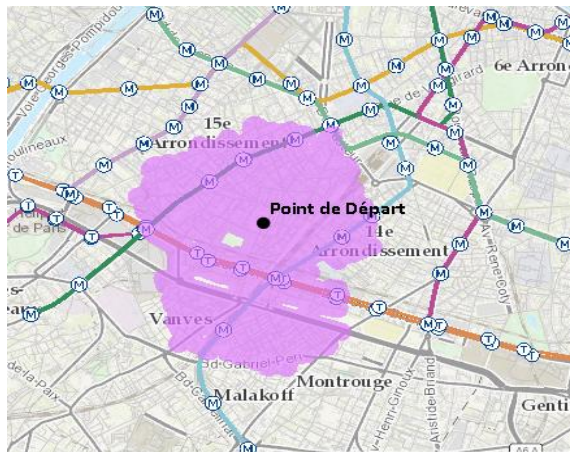
Bordeaux (France)

波尔多，法国

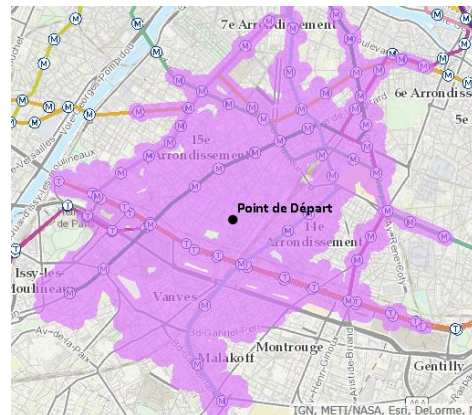
Multimodality coverage

多模态覆盖率案例

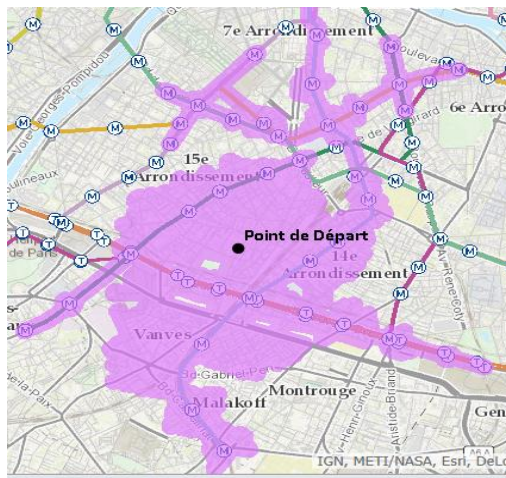
04h00



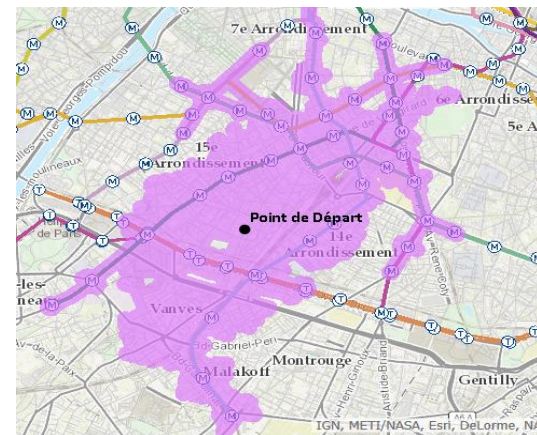
07h00



14h00



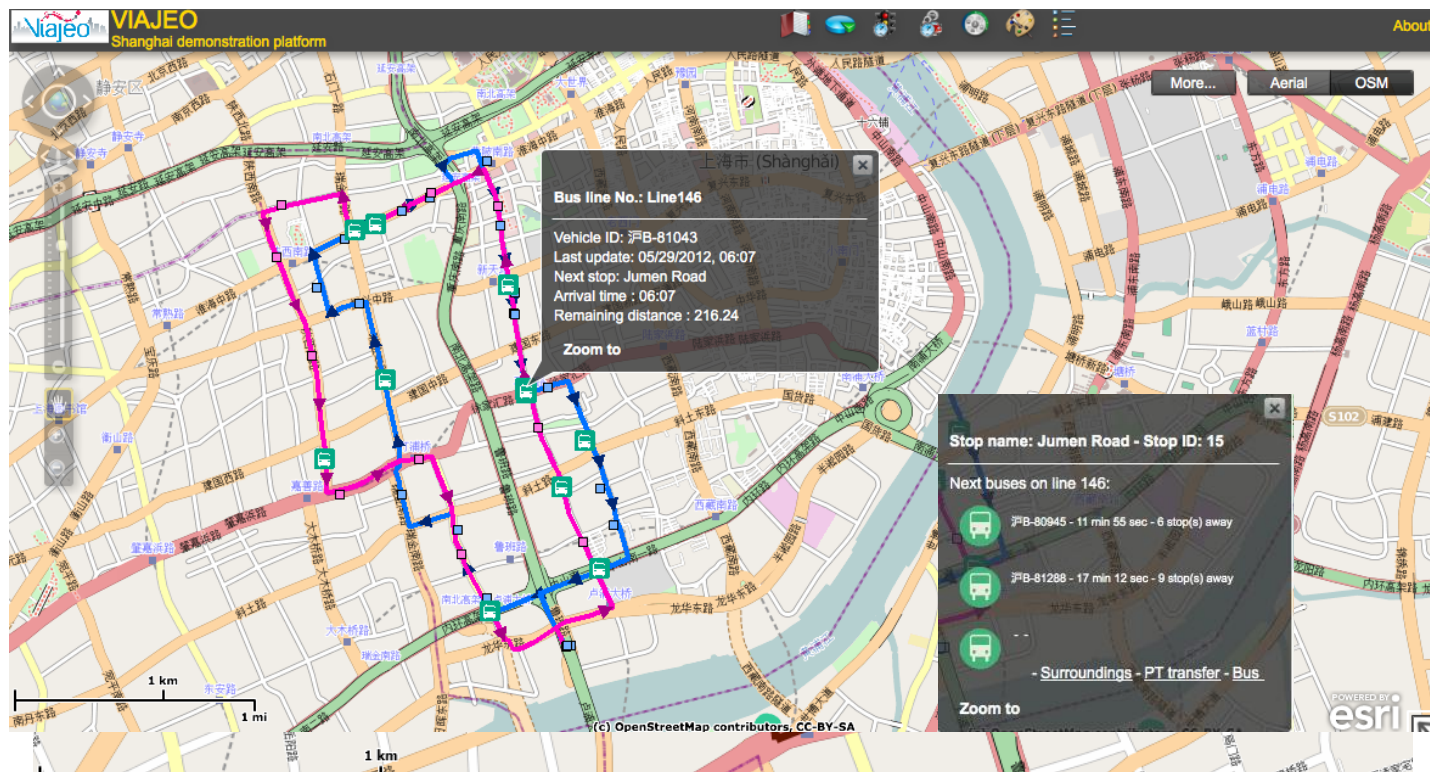
22h00



20分钟步行与公共交通的可达性



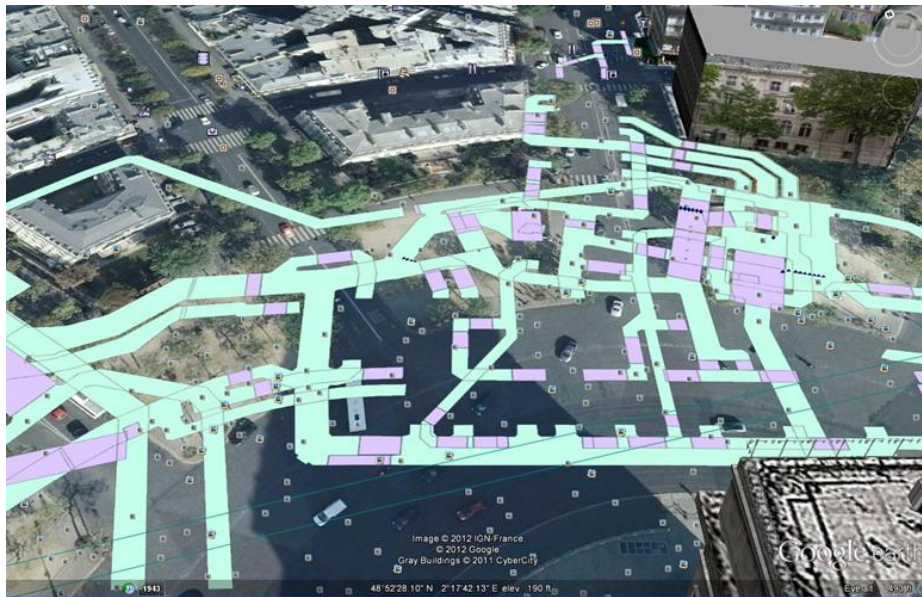
实时污染监测的平台和上海的道路与公共交通



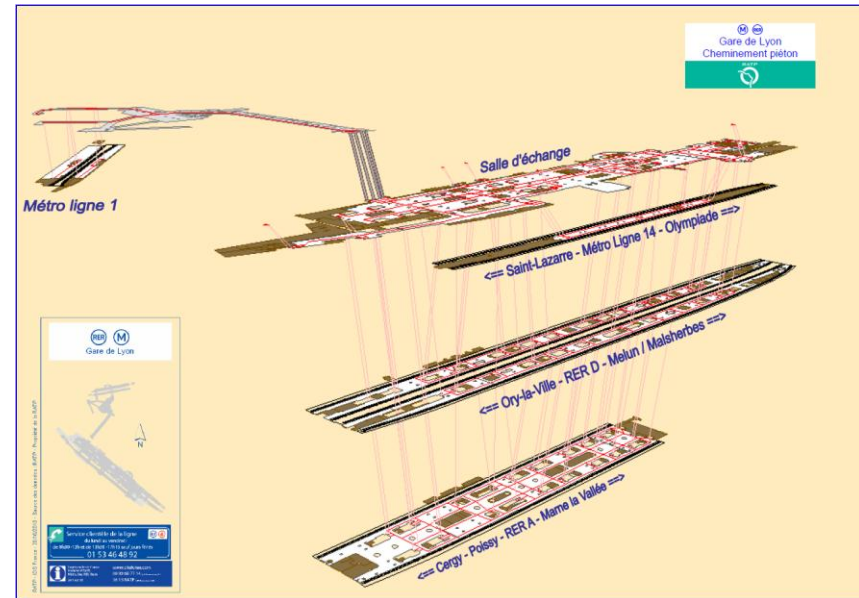
THALES



Hub model 枢纽模型



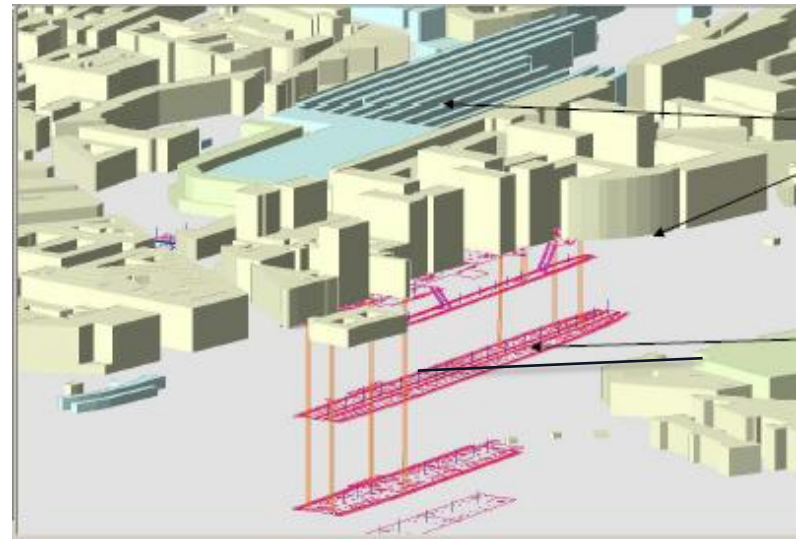
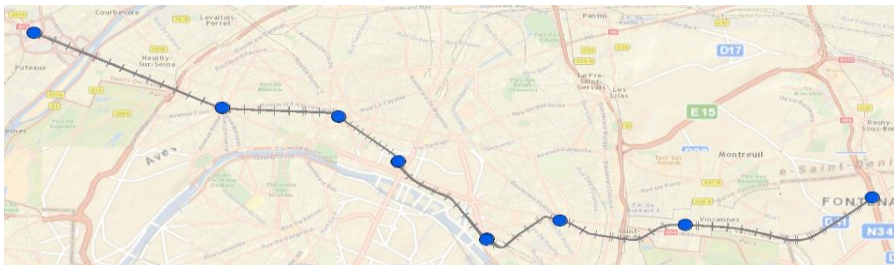
Charles de Gaulle
戴高乐



Lyon train station (Paris)
里昂火车站(巴黎)



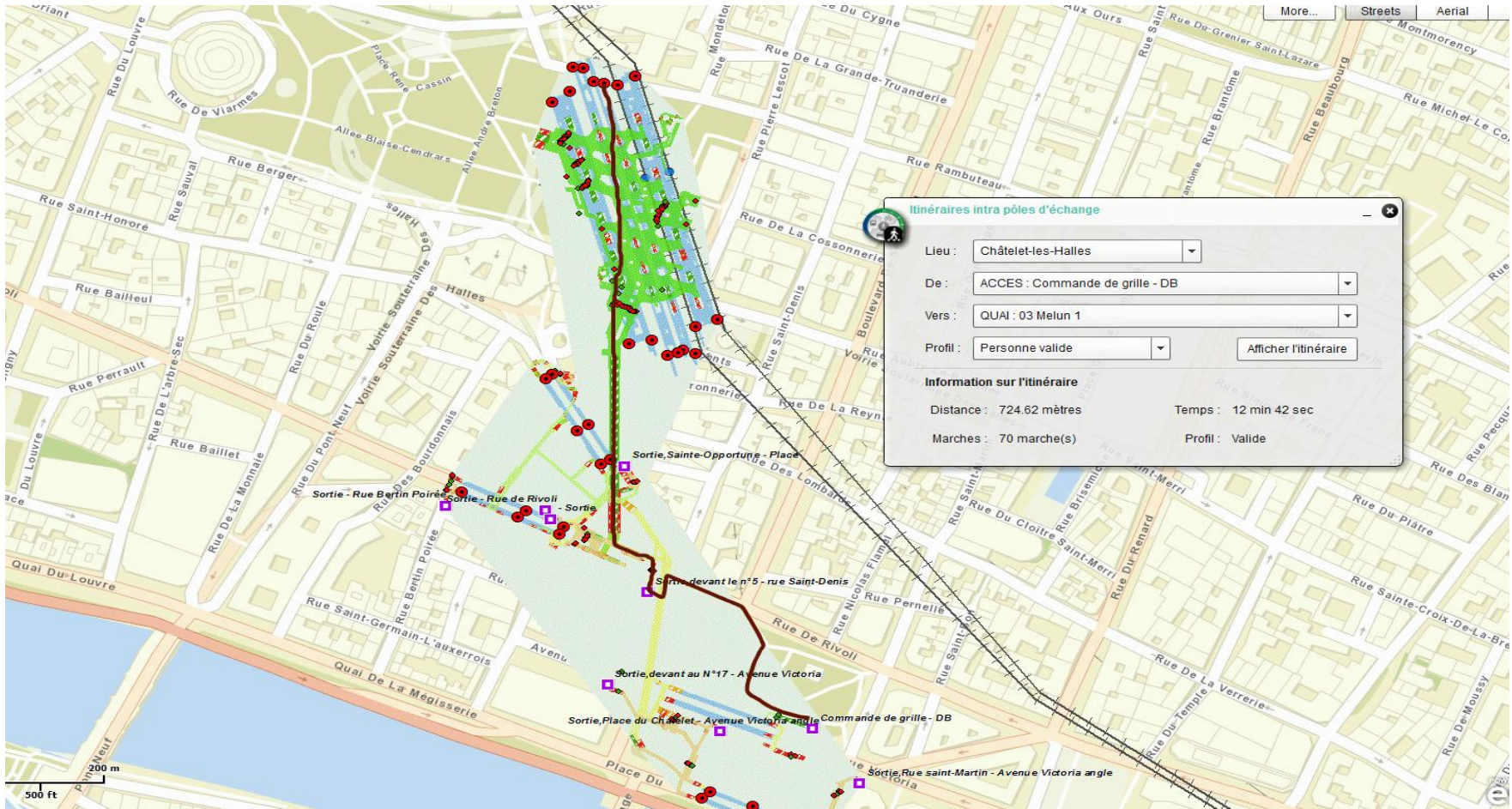
9 train stations modeled in 2D/3D from Paris RER 9个巴黎火车站的2D/3D模型



- Indoor multimodal analysis 室内多式联运分析
- Indoor routing 室内路由
 - Indoor flow analysis 室内流动分析
 - Disable people accessibility 残疾人可用性



Indoor flow and connectivity analysis 室内的流动性与联通性分析





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谢谢