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Business Domain

Real Estate and Construction,
Travel, Transportation and
Logistics

Project Type

Data processing, Dedicated
Team

Collection and Update of 50,000 Logistics Infrastructure Locations Catalyzed Real Estate Agency's Rapid Growth in the EU Market

Client

The Client is an independent, globally leading investment manager specializing in transport logistics, real estate, and infrastructure.

Project

To collect and update information on logistics infrastructure in 7 EU countries:

- geocoding of infrastructure sites,
- building categorization,
- characteristics: entrance, area, capacity, remoteness from transport hubs, etc.

Objective

To enter new markets for logistics services in the European region. Therefore, the Client needed to create a database of transport infrastructure data—trans-shipment locations, intermodal/secure storage, fleet operations, and corresponding attributes—in the target countries.

Team Reinforcement

Within a month, a team of 17 GIS specialists was assembled under the supervision of a project manager with over ten years of experience in implementing similar GIS projects.

Challenge

The Client is a global investment manager with over \$30 billion in assets to allocate for office, industrial, retail, and residential real estate sectors. Its geographic reach spans the United States, Europe, and Asia-Pacific.

The Client faced challenges in tracking and cataloging rapid changes in the logistics sector due to the lack of reliable information in the new business region. Addressing this issue required effective solutions in spatial data collection and processing.

Due to limited information about the new business region and a lack of expertise in geospatial analysis, the Client opted for a cost-effective solution by enlisting a team of GIS experts. This ensured the timely provision of the missing data.

Quick Facts

- ✓ Adding 50,000 new addresses to the Client's database within 8 months
- ✓ The project budget was 42% less than planned for the in-house team
- ✓ With the data at hand, the plan to develop the new region was accelerated by six months

Technologies

QGIS / PostGIS / PostgreSQL / OSM

Solution

★ 01

The provided services enabled the Client to penetrate new markets six months ahead of schedule.

★ 02

Through experimental methods, an algorithm has been developed to automatically identify specific areas of interest using open-source remote sensing data.

★ 03

The property identification and marking process were optimized by 36% through custom methods and geospatial tools.

★ 04

Developing a semi-automated approach for property search from scratch and deriving associated attributes through automation.



Client Reference

“ We are grateful to our partners from Intetics for their professional assessment of the logistics infrastructure within the framework of the completed contract. The solutions proposed by the Intetics manager allowed us to accelerate the project, which optimized costs and, more importantly, allowed us to enter new markets ahead of schedule. We look forward to the successful realization of projects in the future.

Benefits and Results

- ★ The developed approach allowed to speed up real estate identification and validation by 36%.
- ★ The combination of using geospatial analysis and open data minimized the amount of missed property.
- ★ The findings allowed the Client to revise its real estate acquisition strategy and increase the efficiency of investments.
- ★ The Client is developing the European warehouse market 24% ahead of schedule.