New GIS Software for Indonesiaâ€™s National Highway Authority

The Directorate General of Highways (DGH) of Indonesia has selected Supergeo's GIS software SuperGIS Desktop 10 to map and analyse spatial data. Under Ministry of Public Works, Indonesia, the Directorate General of Highways is responsible for planning, building, and managing national road networks. Since Indonesian government considers a reliable and sustainable road network a key factor for economic development, it is an important and also challenging task to ensure the quality, the accessibility, and the capacity of national highways.

SuperGIS Desktop 10 is the latest desktop GIS software released by Supergeo, which has significantly improved the performance and also equips with numerous new features. With new features such as Lidar Tool and Temporal Slider, users can integrate and display latest data formats with other GIS data, exploring the data in a more detailed way. For a highway authority like DGH, transportation experts can examine the trend of traffic accidents by splitting the data into different periods and displaying with Temporal Slider. After finding the pattern, government officials can improve current road networks to reduce the number of accidents. Furthermore, the SuperGIS Desktop also has an extension called Network Analyst, which can significantly improve transportation planning. In the Network Analyst 10, users can apply the origin-destination matrix (O-D matrix) to find the best site for building a new transportation facility. In short, SuperGIS Desktop 10 can help highway authorities or other transportation institutes to make smarter policies.

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