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HC advises investor on planning of urban transport project in Indonesia

In Bandung, the third-largest Indonesian city, an international real estate developer is planning on revitalising a river bed in the city centre.

A central component of this is the “Trans Cikapundung”, a high-grade urban public transport link along the banks of river bearing the same name. HC is investigating the economic viability of the route.

The city, on the island of Java, is planning a long-awaited attractive urban transport system. For decades now, local city planners have been attempting to improve both the transport situation, as well as living conditions. The implementation of this has often failed, however, due to insufficient financial means.

Optimum route planning

HC first checked out the project concepts that had been drawn up locally. Complementary to this, they conducted extensive studies of their own. To fully exploit the existing passenger potential, HC initiated an improved route along the Cikapundung,

Economic operation possible

Based on the assessment and improvements developed by HC, the investor will decide on an appropriate and economically viable, as well as technically effective system. The estimated demand and flexible integration into the urban environment, with relatively low investment costs, would support a monorail system.

A profitability analysis conducted for the system proves that it can be operated without subsidies; it has not been possible up to now, though, to refinance the investment costs. Because of this, HC is currently developing with the client measures to increase income. Promising proposals are being followed up here, such as for example an expansion of the rental space in the stations.

Additionally, HC is developing financial models of public-private partnership showing the investment costs.

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