

Determination of the Required Operational Modelling Schemes within the Different Stages of a Railway Project: The Case Study of the Mixed Traffic Tram-Train Located in Xalapa, Veracruz, Mexico

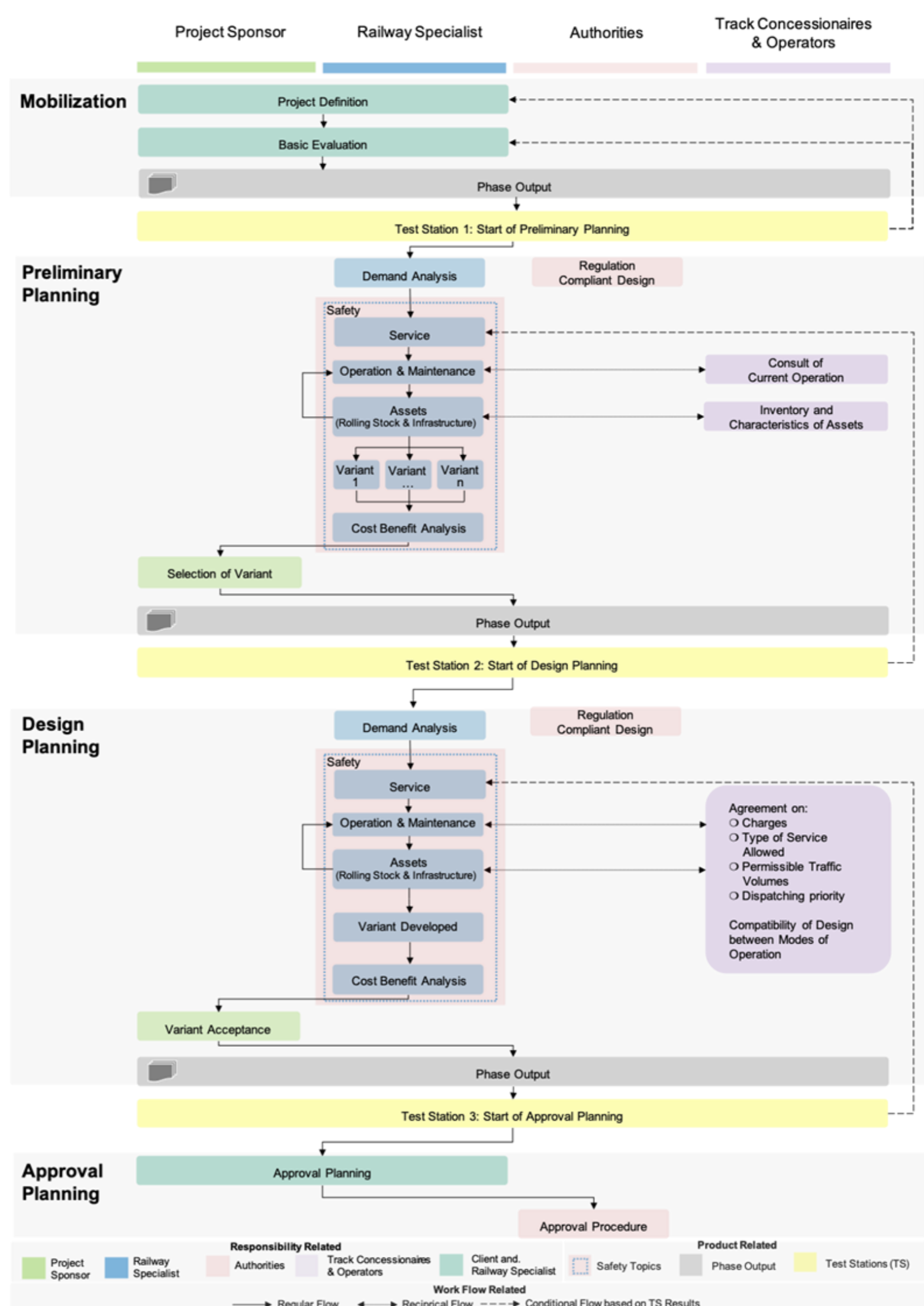
With Mexico taking steps towards further implementing mixed traffic operation guidance, founded in years of German experience, could be used. There is a lot of information and knowledge on the planning development of a railway project around the world. However, this information is spread out within various books and articles, and within companies, it is separated into specialised departments.



Foto: Whitney Leslye Franco Márquez

This thesis sought to summarise railway project execution in Germany from an administrative and technical point of view, including the stakeholders involved and simulation software needed to then be illustrated in a railway-specific blueprint that could then be adapted to Mexico's project governance.

The resulting model shows how responsibilities are distributed within a project between the various stakeholders, endorses the importance of order within planning steps, and allows the planner to extract necessary activities, human resources, and input for specific projects as simulated for the Case Study Mixed Traffic Tram-Train of Xalapa.



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