Overview of Development Measures for the Sihltal Zürich Uetliberg Railway



The Sihltal Zürich Uetliberg Railway Company (SZU AG) commissions a holistic and future-oriented assessment of its operational needs. Working in the capacity of a consultant, EBP drafts a strategy for timetable, infrastructure and rolling-stock development that takes account of anticipated passenger demand.

Passenger volume has increased sharply in recent years along the S4 and S10 local rail service lines. The increase follows the development of new commercial service centres and the new jobs associated with these, as well as local population increases. Further growth in the numbers of passengers is also expected in the future. Experts have now warned that the current developments will have an increasingly negative impact on general operational stability if the existing railway infrastructure and rolling stock are not expanded accordingly.

In responding to these circumstances, the Sihltal Zürich Uetliberg Railway Company (SZU AG) commissioned EBP to draft an overview of the situation for the purposes of effective planning. The scope of the assignment included the presentation of specific recommendations that would enable SZU AG to meet the impending challenges.

The project included the carrying out of a current-demand analysis, a future-demand analysis and a weak-point analysis, with the focus on a short-term (2020) and a long-term (2030) evaluation. Using the weak-point analysis as a basis, various prospective solutions were developed, each of them appropriately taking account of the interdependencies that

Client

Sihltal Zürich Uetliberg Railway Company (SZU AG)

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Project Country	Switzerland

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exist between timetabling, infrastructure and rolling stock.

Specific strategic recommendations based on detailed evaluations were presented with regard to the timetabling, infrastructure and rolling-stock measures that would need to be carried out, as well as the deadlines that would have to be met for each of the various measures.

The assignment was completed in close consultation with a stakeholder committee, including representatives of the Sihltal Zürich Uetliberg Railway Company (SZU AG) and the Zürich Transport Network (ZVV).