

Senior Expert Contact – A Programme of Swisscontact

POTENTIAL MEETS EXPERIENCE

The retired professionals of our Senior Expert Contact (SEC) are qualified experts on-site. Through their consulting services, they provide hands-on, cost-effective support towards the sustainable development of companies and institutions.

SEC Remote Assignment in Nepal, 2024

Assignment No. 4291

Location	Lalitpur, Nepal
Client	Ropeway
Expert	Martin Liesch, Civil Engineer
Period	15.09. - 15.12.2024



Client Profile

The main activities of the client are design, cost estimation and report preparation of ropeways for material transports and tourism. Ropeway Nepal aims to develop a sophisticated ropeway system that is both technically and economically feasible for these mountainous regions.

Tasks

A fully designed and operational ropeway system tailored for the unique condition of Nepal's mountainous regions, with a reliable manufacturing partner for the fabrication of the designed parts.

Results

Small cable cars, such as those used in Switzerland for agricultural settlements in the mountains, are proposed as a possible solution. Because the production costs of Swiss cable car manufacturers are too high for Nepalese conditions, it should be investigated which parts can be produced by Nepalese manufacturers. In order to reduce costs, it is also possible to convert second-hand cable cars from Europe.