

The SDO ZT GmbH is honored to be able to contribute to the challenging task of solving the traffic problem on the Alhada Pass -Taif for the state of Saudi Arabia through innovative ideas. As specialists in architecture and structural design we see ourselves as able to overcome this challenge by showing technical solutions. We are supported by a team (responsibility for team building exclusively by SDO ZT GmbH) from architects, structural engineers and mechanical engineers.

Situation:



The feasibility study should deliver solutions that allow car traffic to overcome relief heights of several 100 meters. Here is the already existing idea of a vehicle lifting process by an escalator to accommodate a number of vehicles which serve as the basic idea. The amount of cars, trucks and users have still to be defined. In addition to the solution of the mechanical engineering task, it is above all the structural planning that will focus on innovative ideas of the required construction as well as architectural elements for the users. The aim is to design an innovative state of the art project for Saudi Arabia.

Pictures of Animation:



