

CONGRESS CENTER IN OLD QUARRY

Mariánka - Bratislava, Slovakia, School Project 2007

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Quarry in Mariánka, near to Bratislava is couple of years non active. It always attracts people from a city to spend their time in nature. Rocks as well attracts climbers to practice bouldering. In other hand any other services are not available yet. Project offers solution by providing hostel, restaurant, conference hall, spas, open cinema and indoor climbing walls.

Shaping of a project is comming from low energy requirements. Basic principles of orientation, screening, acumulation, natural heat radiation and cooling. As sustaiablbe principles, on southern facade screening is used to avoid sun to heat interior spaces. Trombe's wall principle is usedon the other part of a wall to heat interior spaces in winter. Buildingshould be part of low energy complex with museum of energy saving and live basic principles should be shown as part of architecture.

