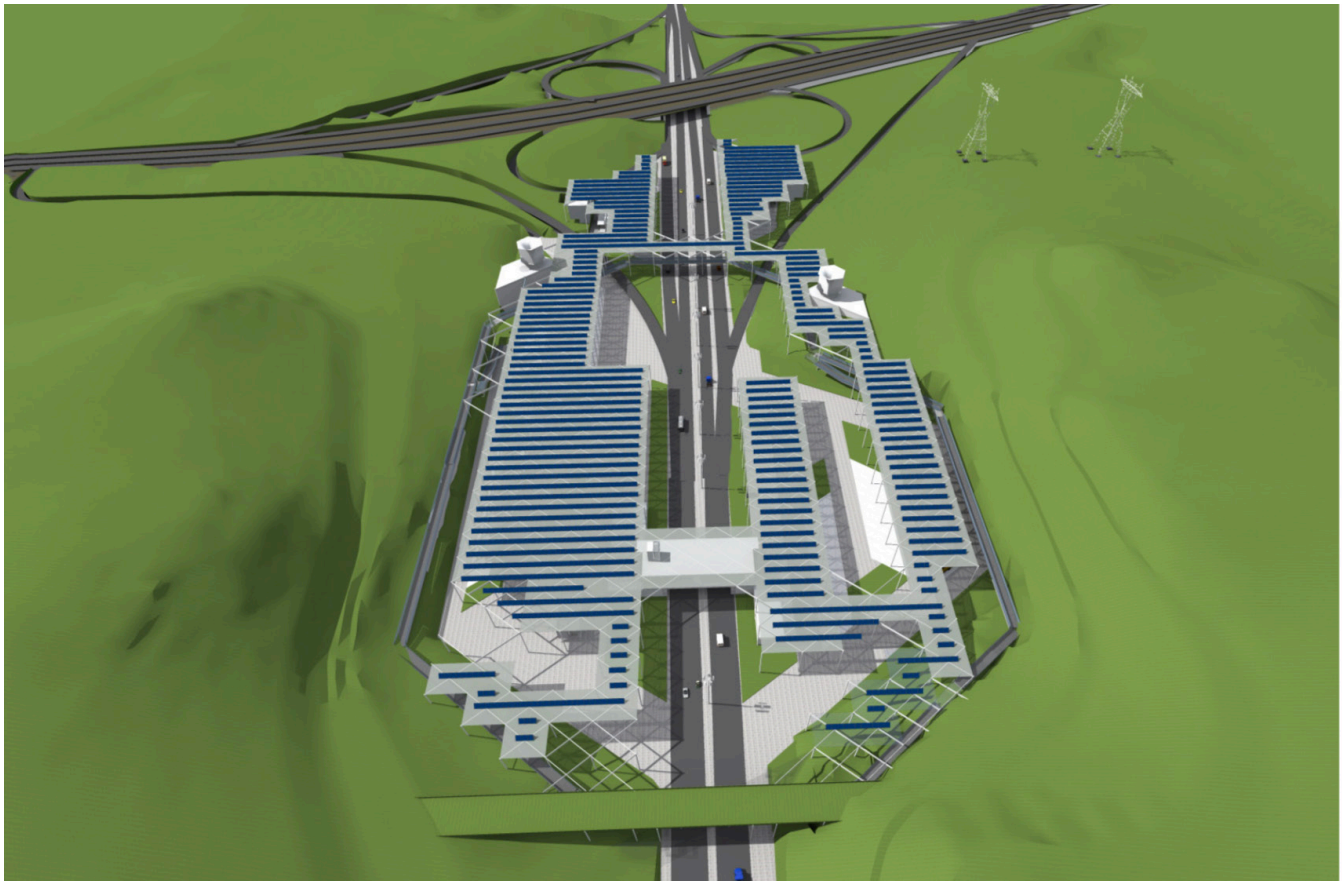
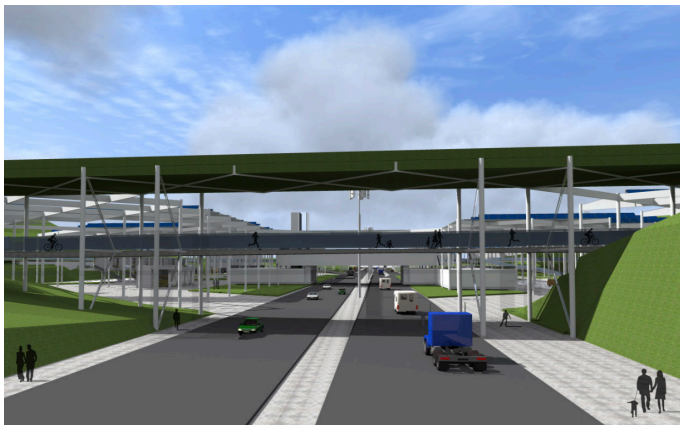
Transit Energy Park, Check-Point Bravo - Berlin, GERMANY





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Academic Project
(DIA, Anhalt University of Applied Sciences, Germany)

Transit Energy Park is proposed to recuperate the derelict Check-Point Bravo site as a collective energy generating infrastructure, projected to prepare the city of Berlin for the proposed electric vehicle revolution, with the introduction of 4.5 million electric vehicles in the city by year, 2020. The project retains the historical significance of the site, while keeping the existing customs office, museum, truck stops and parking facilities. The structure responds to the topography of the site and local conditions. The 'flexible pergola grids' is designed to hover over the site, provide structural support for photo voltaic panels and wind energy turbines. The slender columns draw a geo-thermal energy source from the site. A running track encircling the structure, and platforms for events are equipped with Piezo-Electric tiles which also generates energy whenever there are active users from surrounding neighbourhoods or travellers. Transit Energy Park aims to rethink the 'design typology' for 21st century energy generating facilities.

Image Credit: Chukwuemeka V. Chukwuemeka