

Information about the lecture

Speaker	Fritz Wassmann-Takigawa
Title	EnergyGreenRoof and EnergyGreenFassade – are they rewarding?
Group of topics	June 21 th , 2017 Cost-Benefit analysis
Language	German
Content	<p>EnergieGrünDach and EnergieGrünFassade are new terms created in Switzerland. They mean the optimal combination of solar systems and vegetation on buildings. The removal of existing green roofs in favor of solar plants is nonsense, because we need both: renewable, clean energy, ie the citizens' energy turn (the German Energiewende) , as well as more and better green in urban areas.</p> <p>The first question is, whether energy roof and energy green façade are rewarding: in financial, functional, aesthetic, ecological, climatic terms and for urban structure and planning.</p> <p>Requirements for optimal vegetation in context to solar plants. The author works on plantlists, with a focus on silver-leaf plants, which reflect light on the panels and at the same time are relatively drought resistant. A group of committed experts around the Zurich University of Applied Sciences in Winterthur is testing the effect of optimized vegetation on the yield of solar plants.</p>