

Relevance of Topic

- Switzerland wants to quadruple renewable electricity generation by 2035
- New energy regulations incentivize self-consumption and allow community solar PV

Research Question

 How will solar PV adoption evolve in urban Switzerland under new regulations that allow community solar projects?

Theoretical Framework

• Diffusion of Innovations, Theory of Planned Behaviour

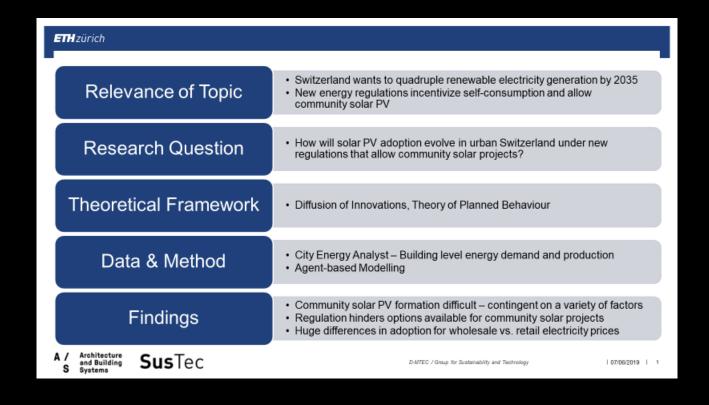
Data & Method

- City Energy Analyst Building level energy demand and production
- Agent-based Modelling

Findings

- Community solar PV formation difficult contingent on a variety of factors
- Regulation hinders options available for community solar projects
- Huge differences in adoption for wholesale vs. retail electricity prices





A / Architecture and Building Systems

SusTec