Project key idea The SEED design proposal is based on the definition of a general bioclimatic strategy (that we can define as the bioclimatic approach for mediterranean climate) and the adoption of variable, adaptive systems to modulate the energy fluxes through the envelope. It is intended as a sort of general rough regulation coupled with a fine tuning. The rough general regulation is obtained putting together different pieces to compose the appropriate envelope in a given context (Szentendre - Hungary, in this case) and for the specific set of activities. Different conditions through the time as well as a pattern of variable conditions into different spaces is a key approach in the mediterranean context as well as in the true bioclimatic design. The SEED design proposal is planned as a house in which several elements can be added to the general envelope in order to favor/guarantee the appropriate control in different environmental conditions.

Project goals Predict is better than cure, that’s why we propose a house which can strongly modify its physical parameters in terms of mass, insulation and transparency. SEED prototype is planned as a house in which several elements can be added to the general envelope in order to favor/guarantee the appropriate control in different environmental conditions.

Project impact The base idea of the SEED team also allows to define 5 fundamental aspects of the project about construction, maintenance and use of the prototype, as well as to reach the performance goals required by the Rules of the SDE2019: 1. Economic saving, 2. Climate adaptation for additional parts, 3. Fast assembly, 4. Forecasting energy operation, 5. Hybridization of technologies.