

# tXL open resource

Open and processual design on the example of Tegel Airport in Berlin

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# 1 Summary

Self-regulating ability, changeability, flexibility and processuality, typical of natural systems are now more and more becoming integral part of designed landscapes as well. They are getting crucial role in landscape architecture and becoming much more than just the side-effect of working with organic matter. Contemporary design concepts actively incorporate succession or alternation of species, spontaneous processes of growth and decay, mutations and the gradual or sudden adaptation to circumstances into the spatial plans. Awareness that not only natural sphere but also society and its needs are constantly changing also has a big impact on a contemporary trend of finding new ways of planning our urban environments in a more flexible manner. Open space design professionals are therefore under the pressure to find effective ways of making our environment more open for changing needs of our contemporary society.

The topic of master thesis focuses on the possibilities of introducing processuality and flexibility in the planning and design of open space on the example of the Berlin Tegel "Otto Lilienthal" Airport. The design task is connected with finding suitable new use and image for the Tegel airport area which will be closed for air traffic in near future offering a big open space in urbanized background of the northwestern part of Berlin.

Problem formulation:

- Tegel airport is one of the last vast unified open areas in the city of Berlin. Its size and expanse is therefore also its biggest quality. New uses might compromise this because of unavoidable fragmentation of the area.
- The area will have to be developed in a strategic, processual and flexible way because of its size but also for the reason of increasing relevance of incorporating changing needs of the contemporary city and society as they occur.
- The question of processuality is also a big issue in any decision making that regards interventions influencing the natural development of the protected areas in the north-west of the airport.
- Many use proposals for the area have been already ruled out by Senate Department for Urban Development of Berlin and should maybe be given a second thought – such as residential development, mixed use, major international events, space for yet unknown recreational needs, agriculture
- The project area lies adjacent to relatively intact nature territory as well as to the urbanized areas (that possess strong character and dictate clear directions) therefore it should function as a connection point between those as opposed to current situation where its airport use is working as a barrier.
- Any definite decision for the future use might still take a lot of time and the area could be equipped with temporary uses, connections and interventions to boost its character already earlier.