

VIELFALT IM FELD

0 the site

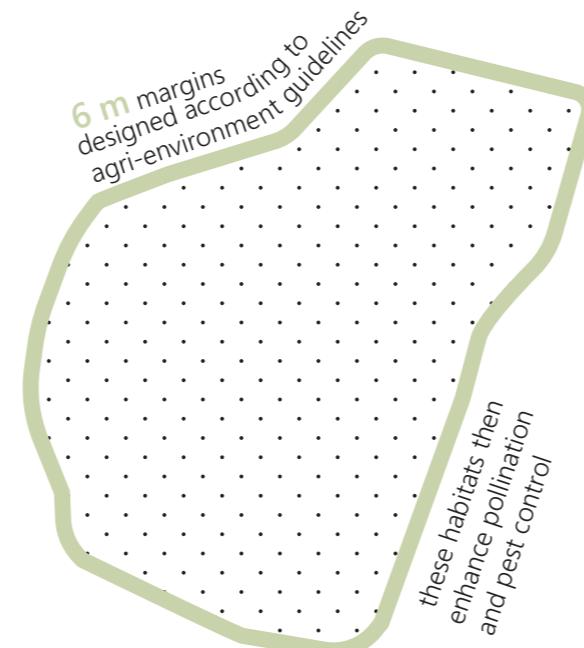
The site is located north-west of the city center of Marchtrenk. It is characterized by its mix of different forms of production.



1 the study

Wildlife-friendly farming increases crop yield: evidence for ecological intensification

This study provides a clear demonstration that wildlife-friendly management which supports the ecosystem is compatible with, and can even increase, crop yields.

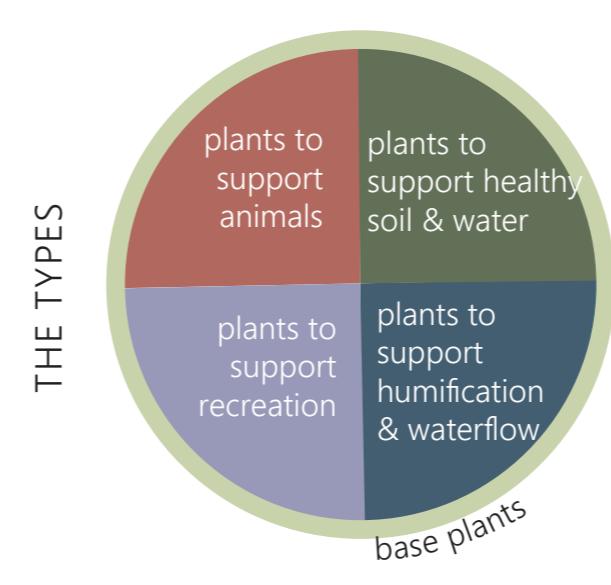


Pywell RF, Heard MS, Woodcock BA, Hinsley S, Riddings L, Nowakowski M, Bullock JM. 2015. Wildlife-friendly farming increases crop yield: evidence for ecological intensification. Proc. R. Soc. B 282:20151740. <http://dx.doi.org/10.1098/rspb.2015.1740>

2 the idea

Adapt the used plant mix from the study and fit it to the conditions found in Marchtrenk like super dry and wet areas. Add plants that thrive in these conditions and support the different needs evaluated.

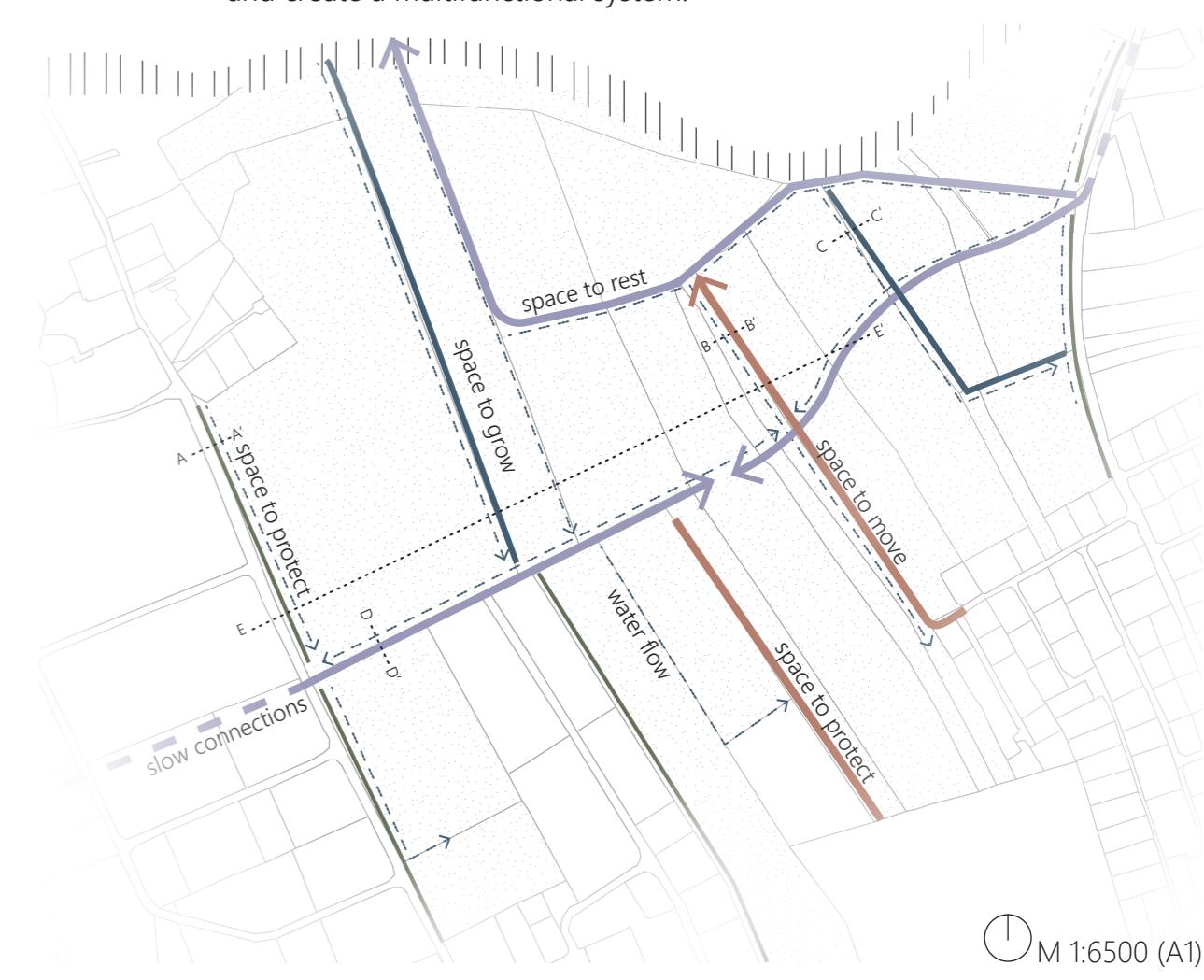
base plants = plants that are already there
character plants = plants added, which support different needs



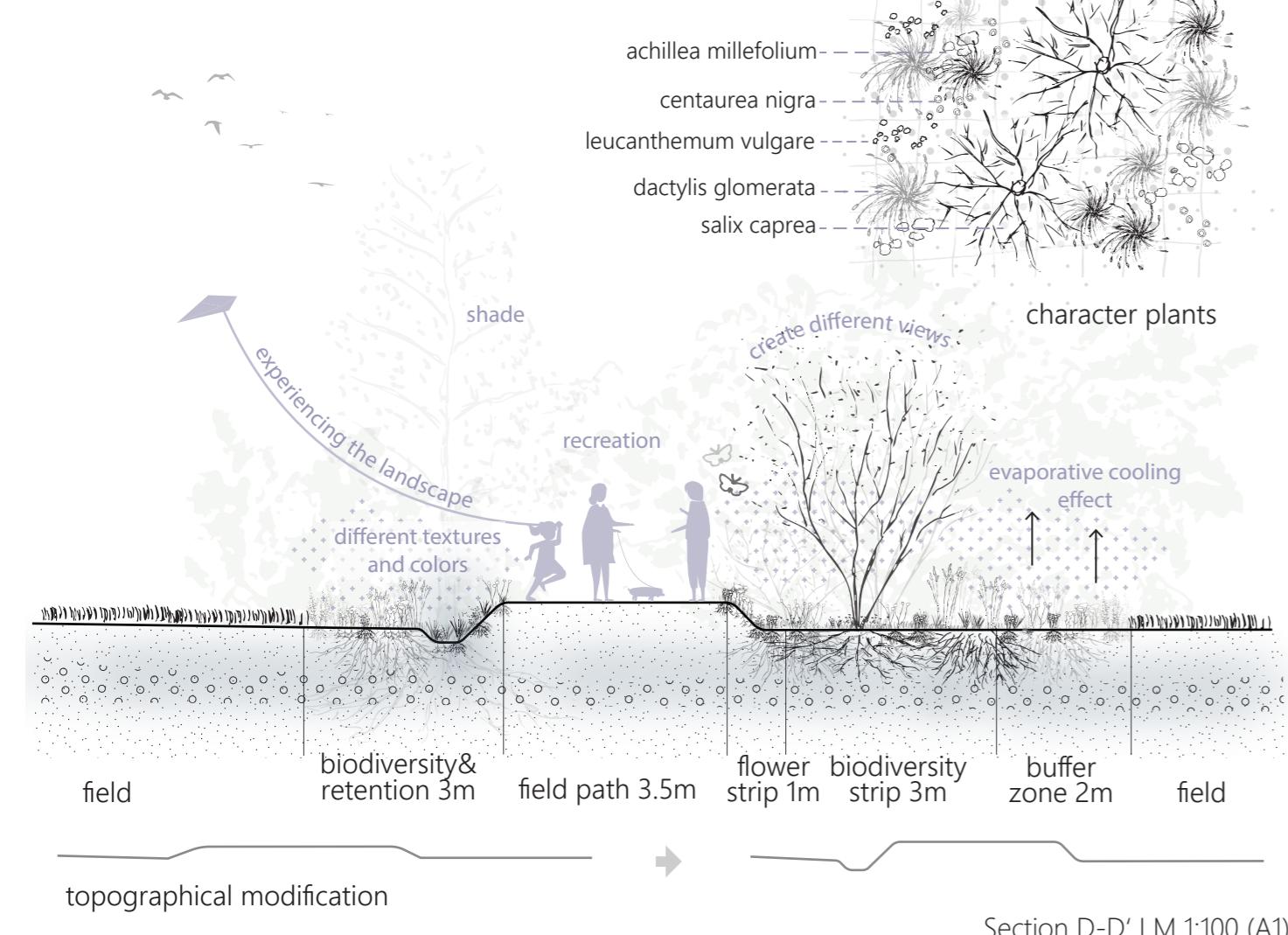
Each type prioritizes a specific theme while incorporating the others

3 the concept

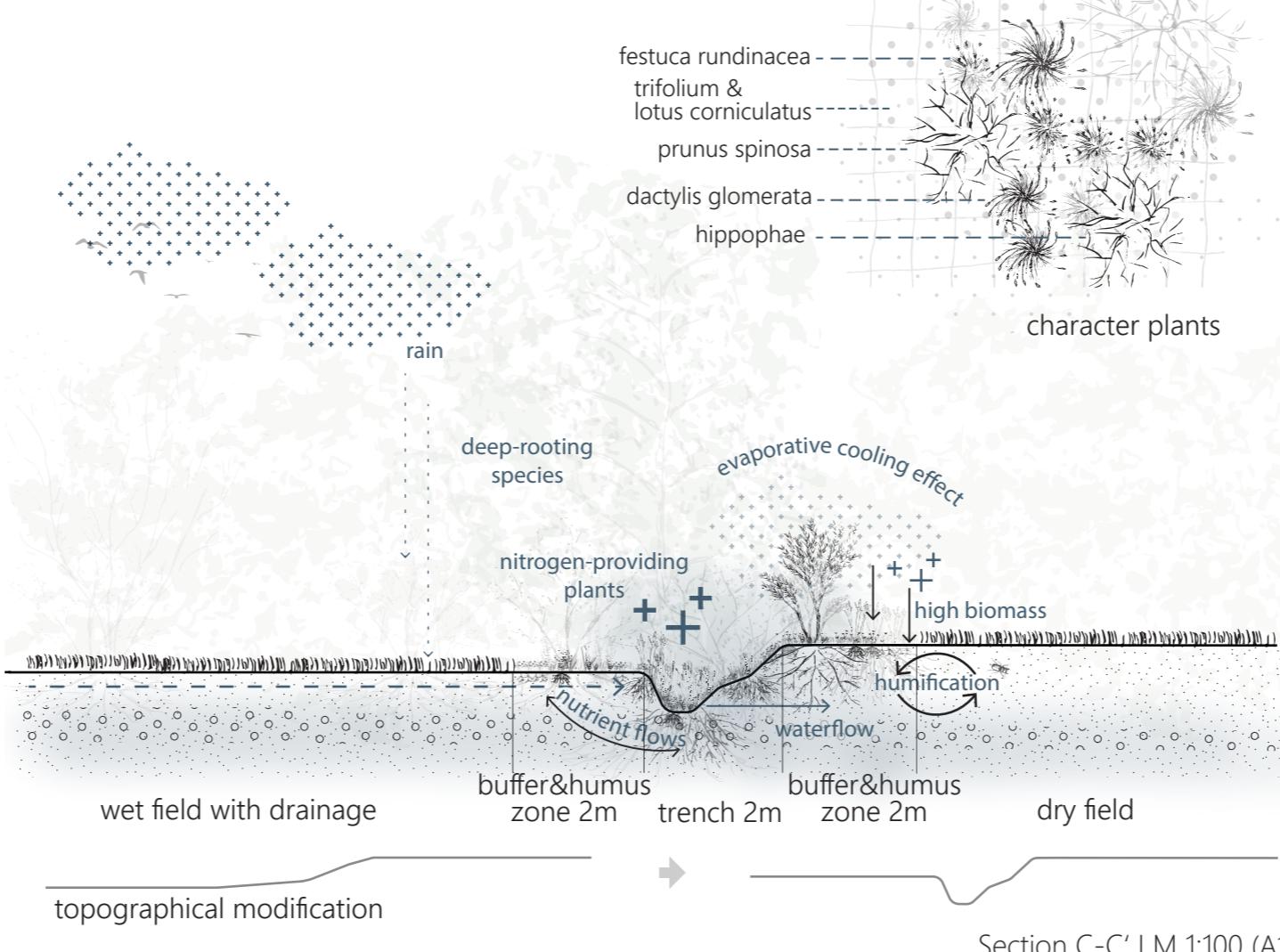
Add the stripes to field edges in need, which seem already damaged and create a multifunctional system.



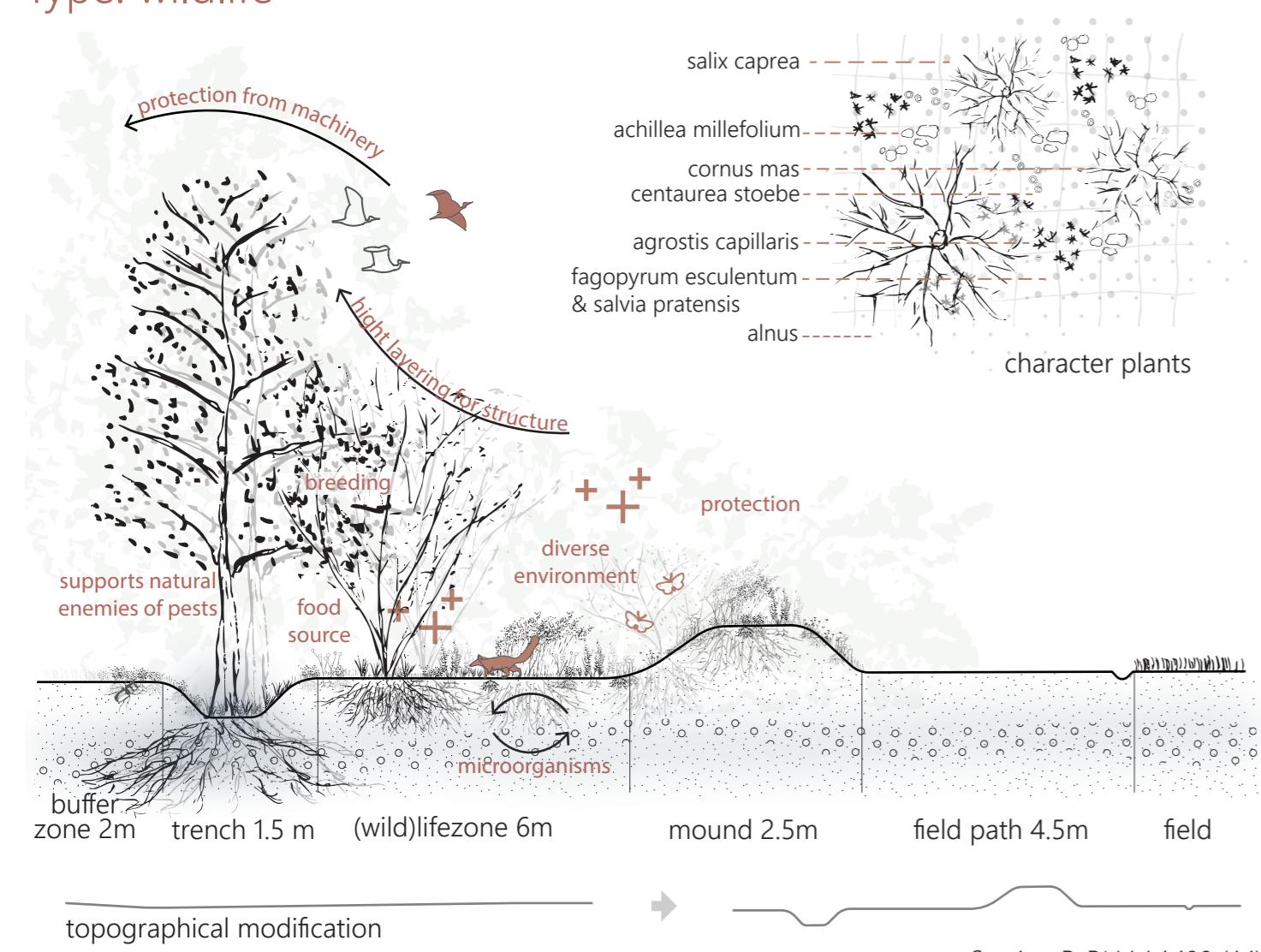
Type: experience



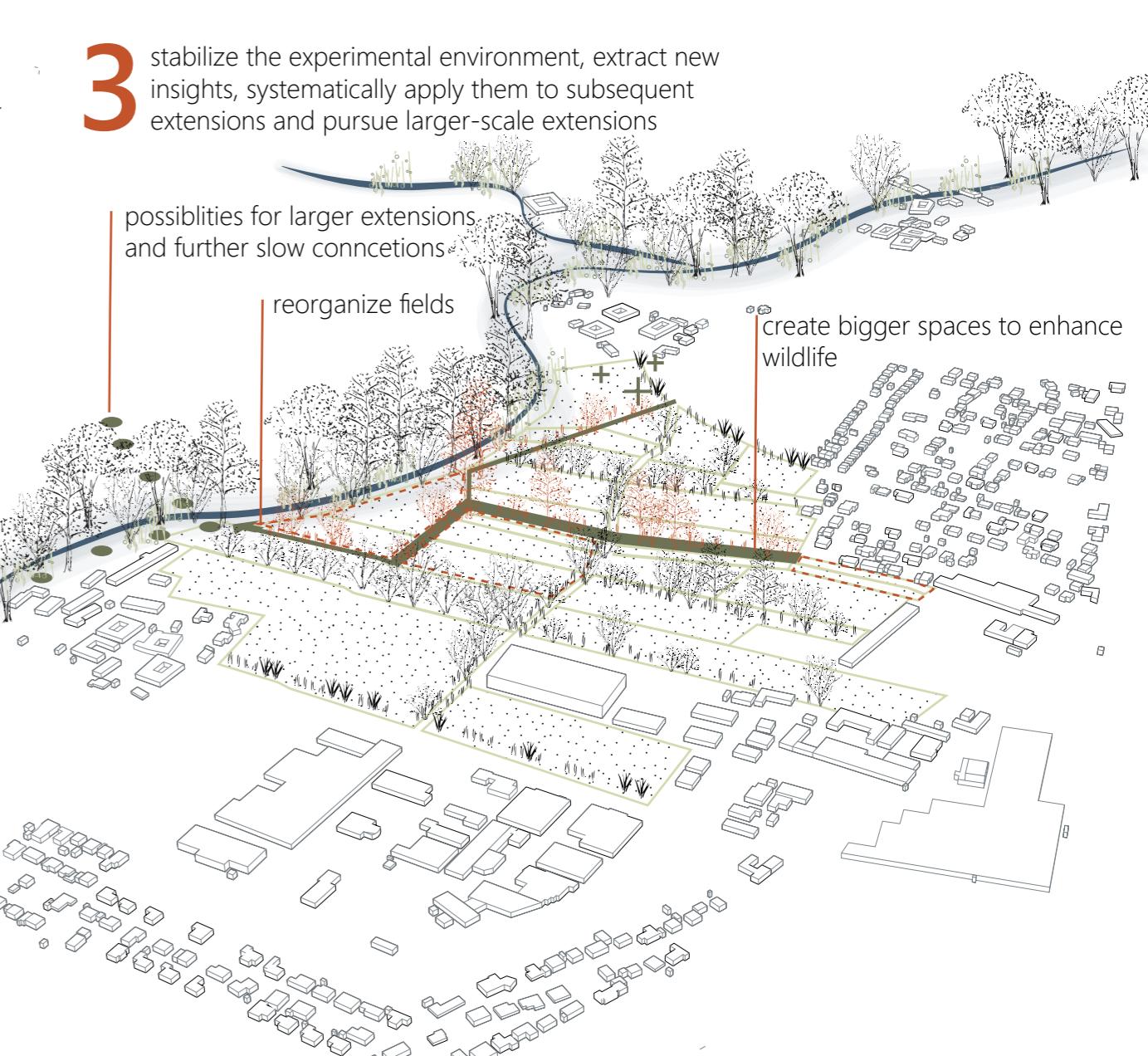
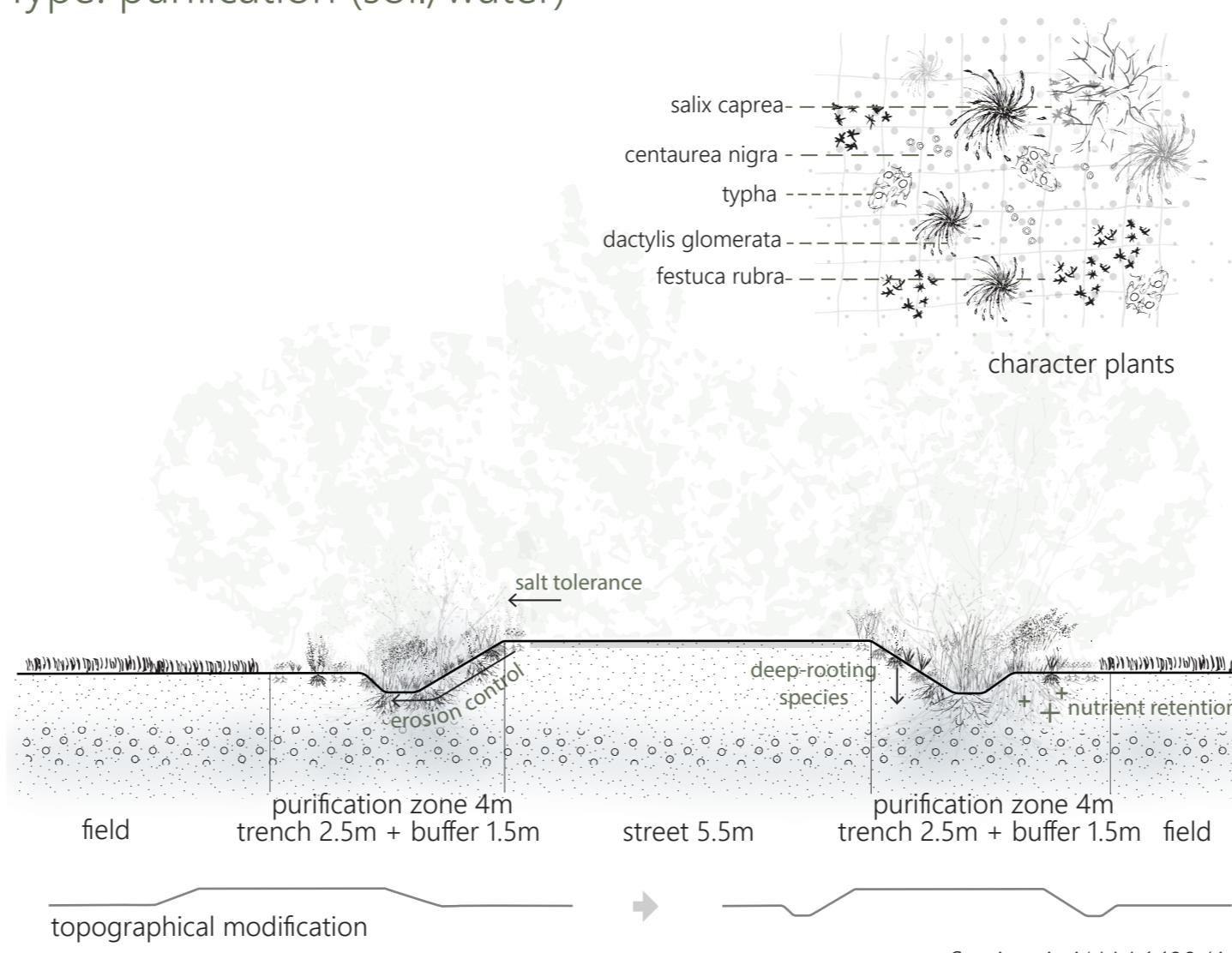
Type: humus & water



Type: wildlife

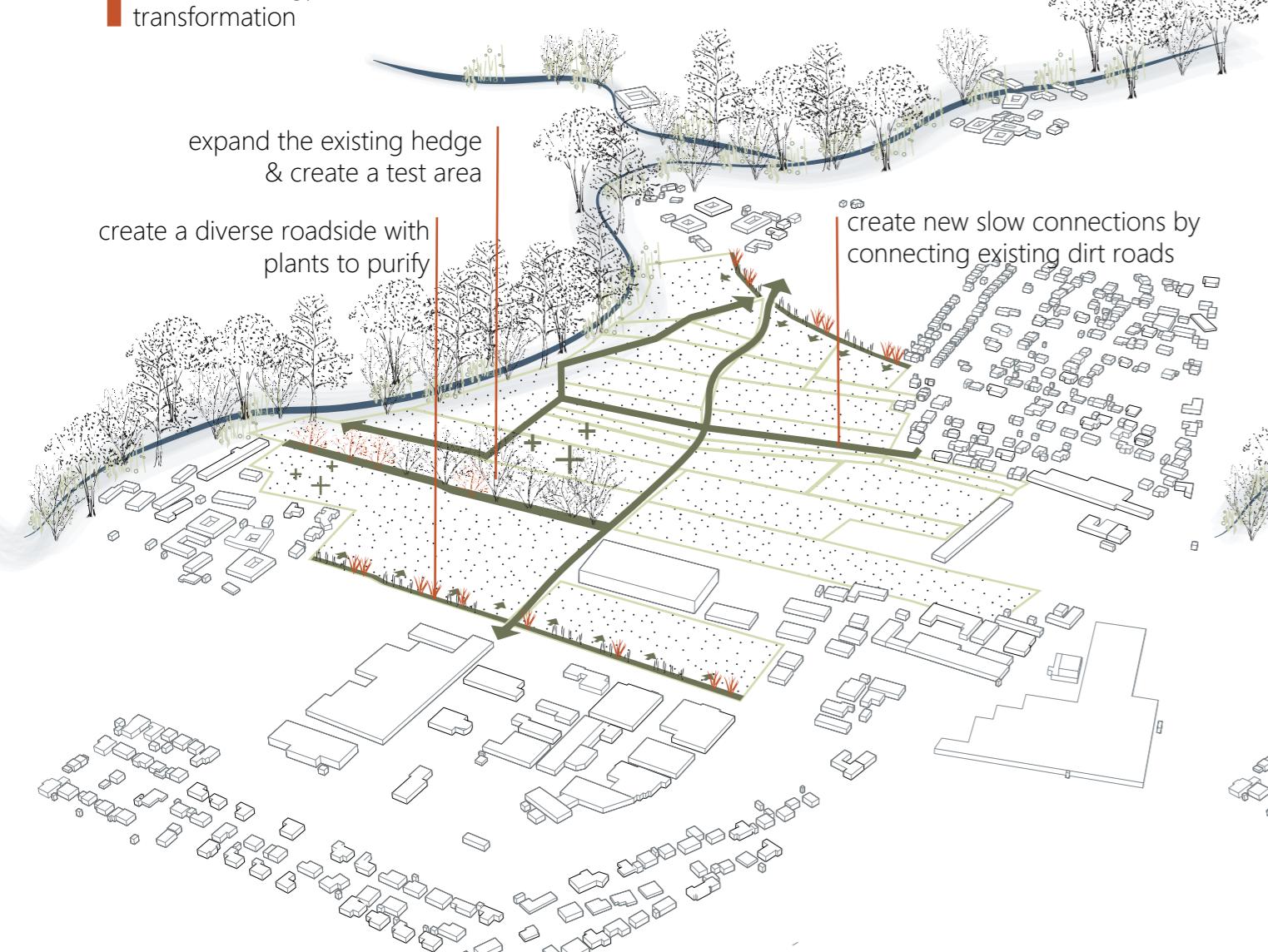


Type: purification (soil/water)

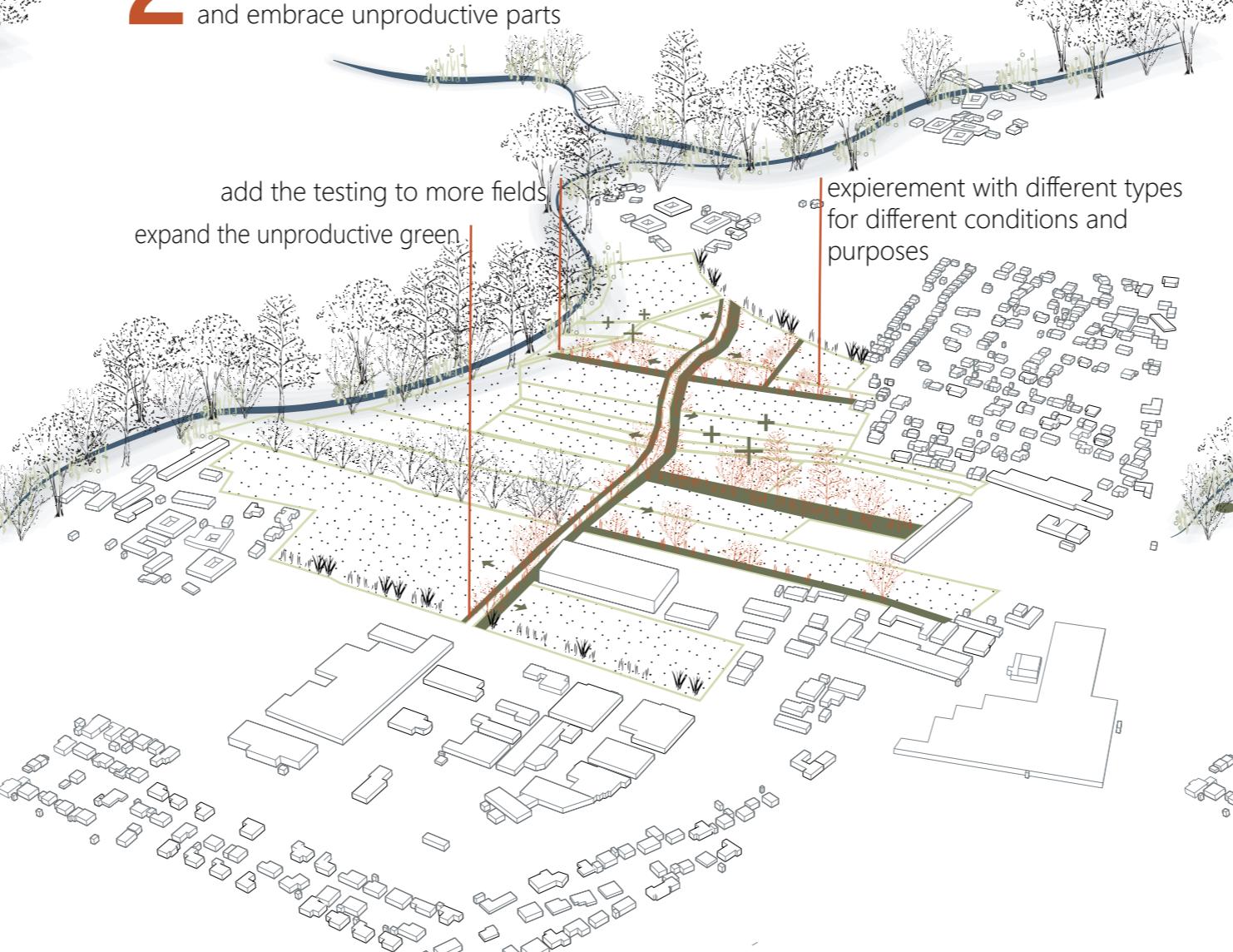


The process

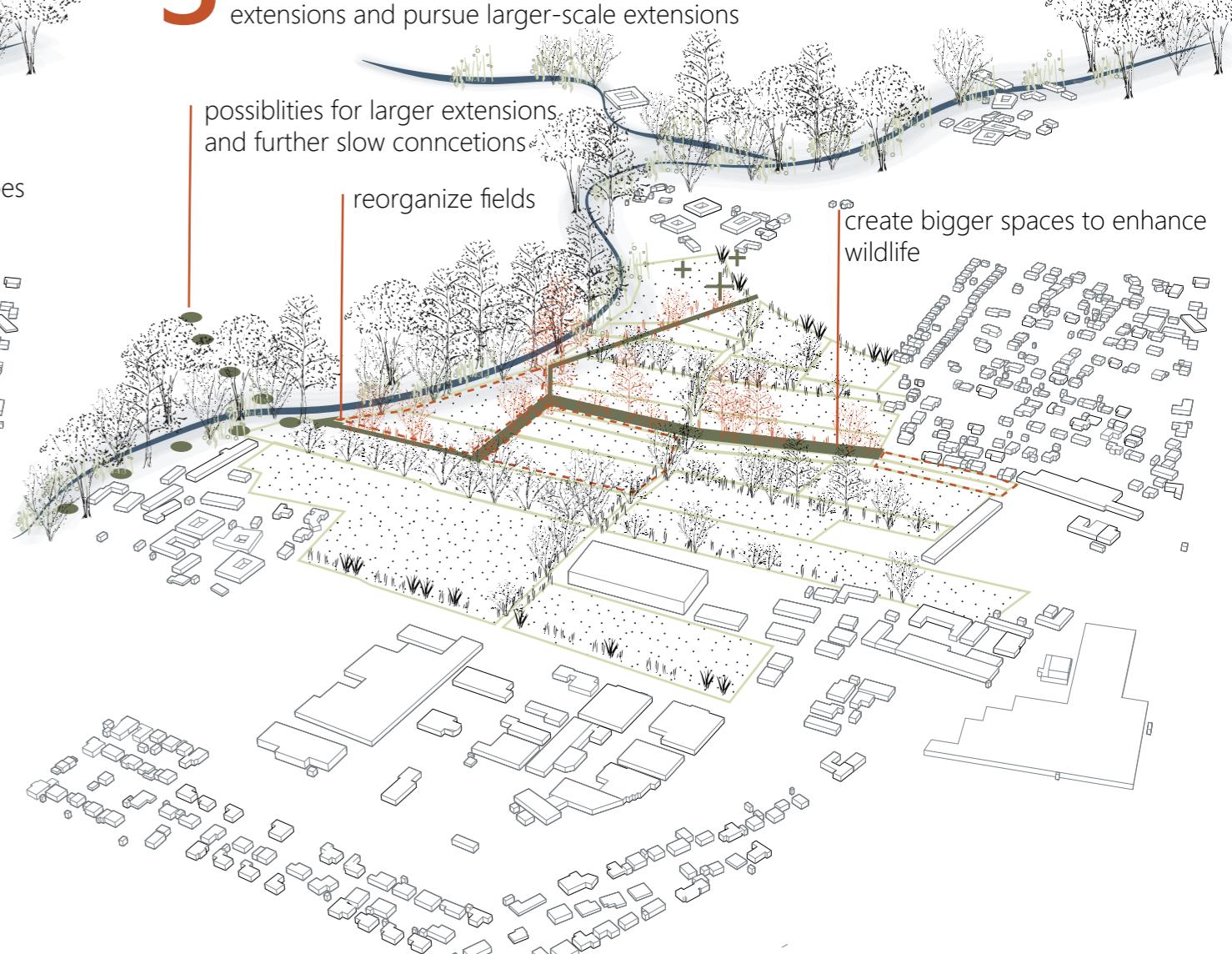
1 minimal but meaningful interventions to set a starting point for the transformation



2 create an experimental environment for different types of new agricultural landscape and embrace unproductive parts



3 stabilize the experimental environment, extract new insights, systematically apply them to subsequent extensions and pursue larger-scale extensions



The connection

