

HERBAL STRING

1 the connecting ecotone

In ecology, an ecotone is defined as a transition zone between different ecosystems. Establishing a herbaceous fringe as an ecotone connects not only habitats but also bordering landscape elements.

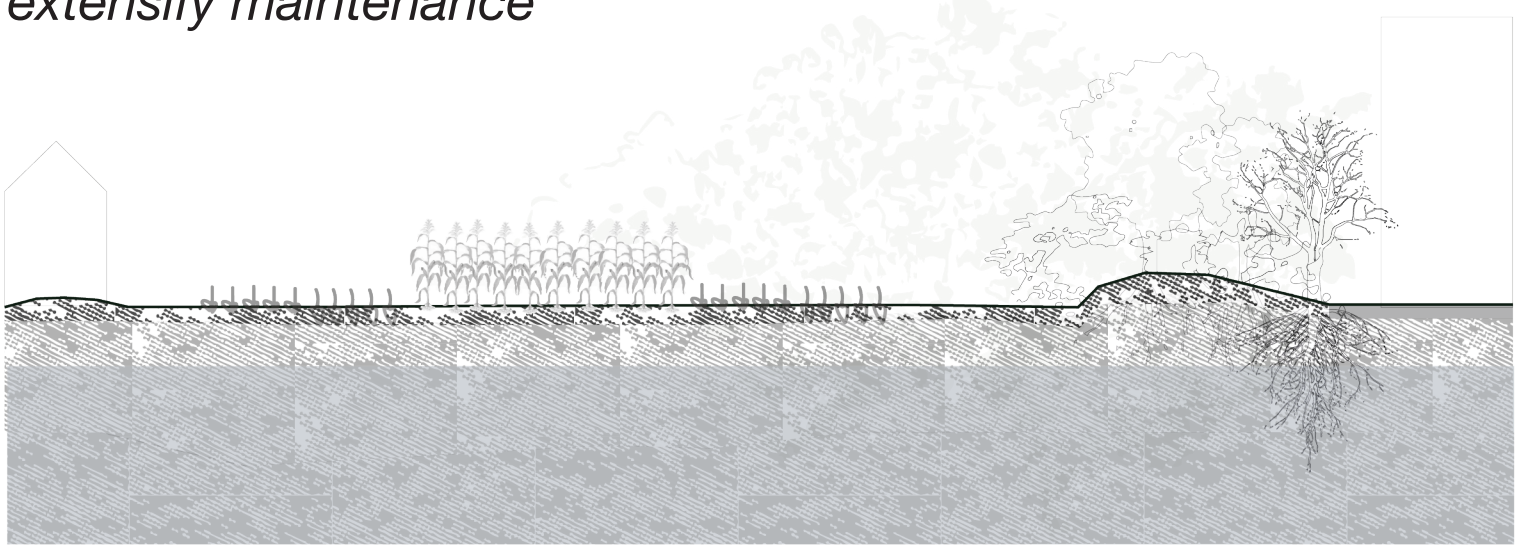
A herbal string weaves the landscape patches together.



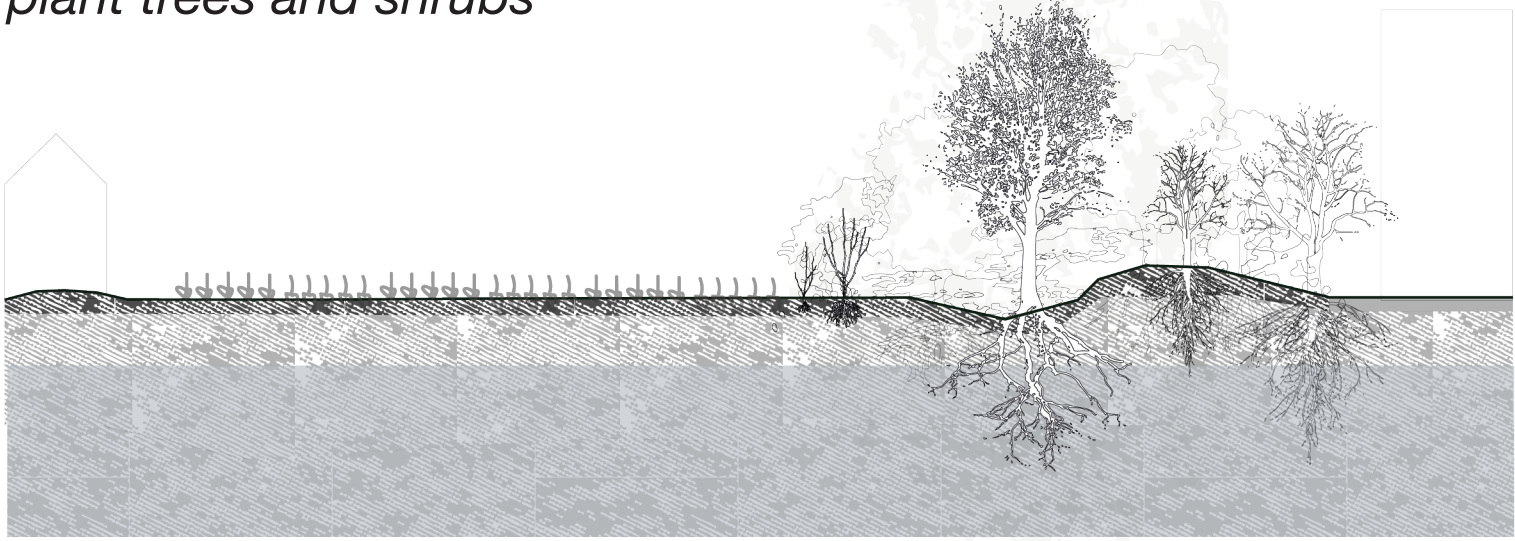
The design idea of the connecting ecotone „herbal string“ siteplan I M 1:2000

2 design and development process

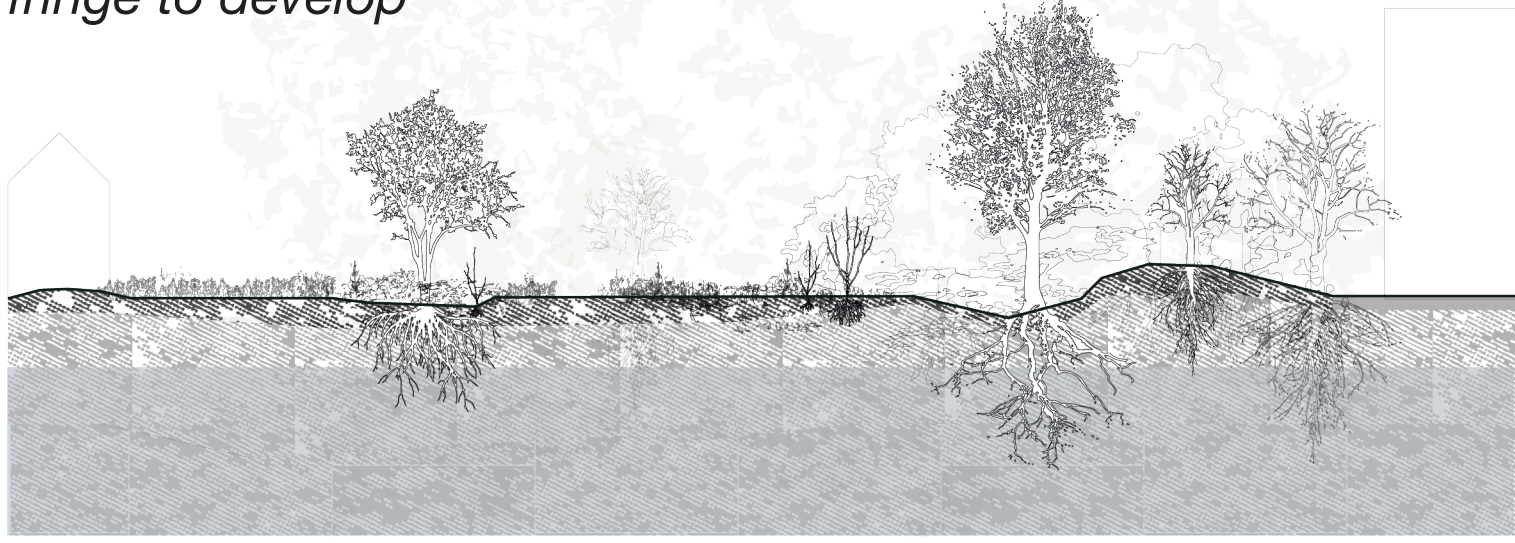
#1 make space, extensively maintenance



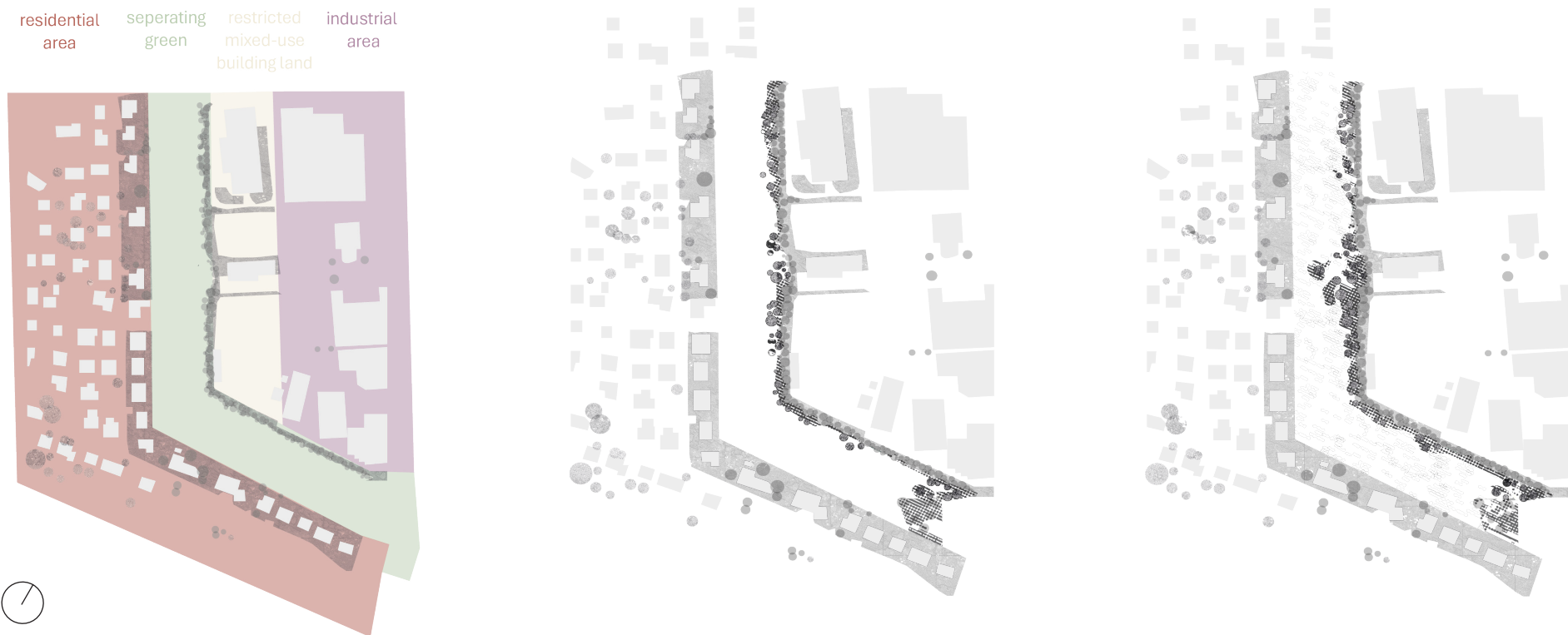
#2 change topography, plant trees and shrubs



#3 allow the herbaceous fringe to develop



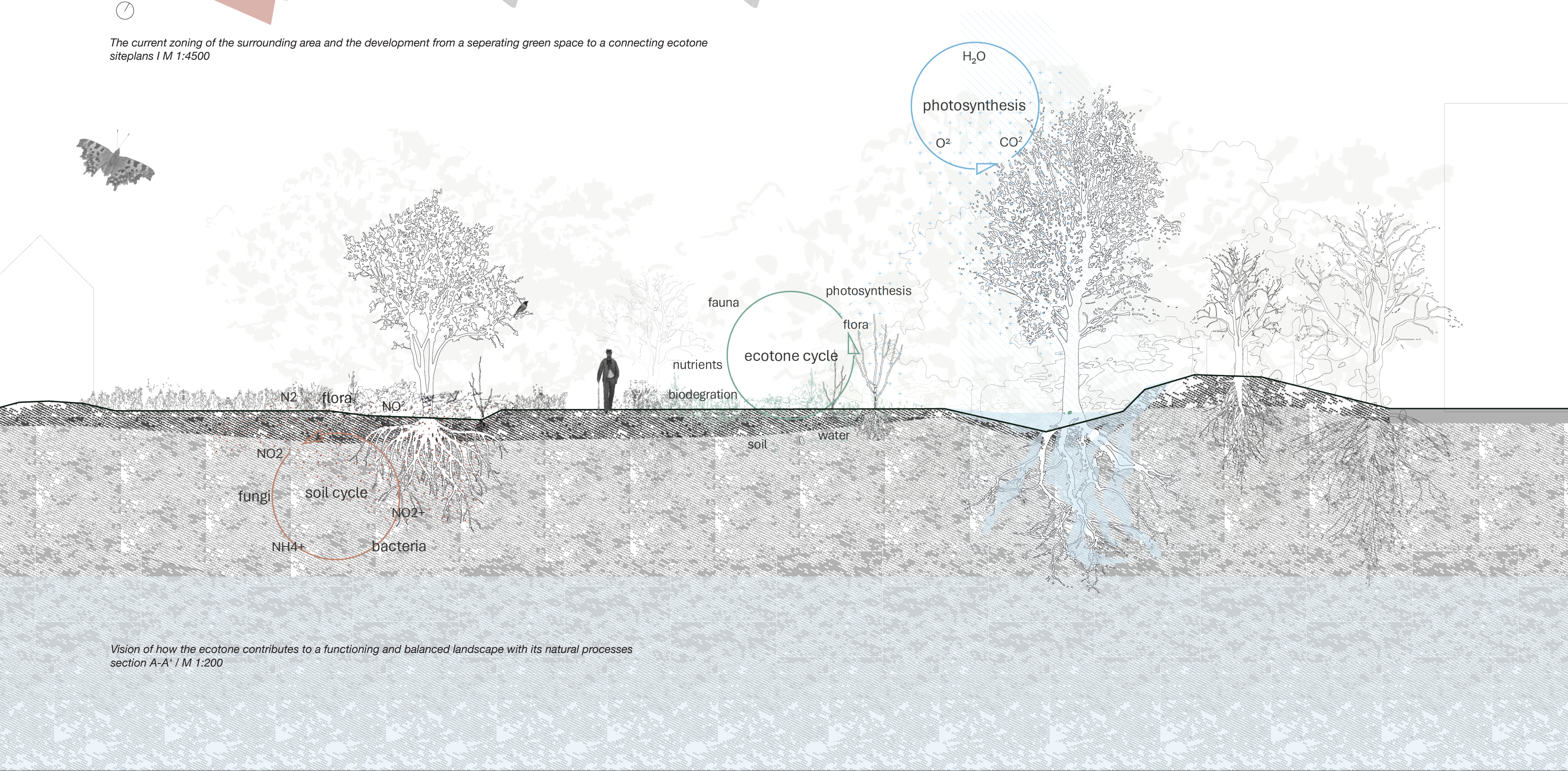
The possibilities and the process of creating a herb fringe on agriculturally used land sections A-A' over time I M 1:450



The current zoning of the surrounding area and the development from a separating green space to a connecting ecotone siteplans I M 1:4500

3 the productive ecotone

As a transitional area, the ecotone contributes to greater biodiversity, promotes soil formation through nutrient production, and its natural water cycle provides a cool environment in times of climate crisis and enables photosynthesis in plants, thus contributing to fresh air. Not only for biodiversity itself, but also for the people living and working in the neighboring residential and industrial areas.



Vision of how the ecotone contributes to a functioning and balanced landscape with its natural processes section A-A' I M 1:200