Trial back to the landscape - Reactivating the city of Heerlen with a landscape approach

Anyi Zhou  4119592  Landscape Architecture

Introduction

Instead of the existing main urban road structure which functionally connect the urban area, the new path system will go back to the existing landscape and stimulates new energy and recreational landscape.

Path typology study

1. Infrastructure line as an instrument to redevelop the landscape
2. Functional line as an instrument to build the new landscape
3. Shrinkage problem as an opportunity for new landscape
4. Interpretation the energy elements as fundamental and educational function

Concept

To create a green heart for Heerlen by a new path system.

Site study

1. Topography
2. Natural landscape
3. New urban landscape
4. Mining landscape
5. Energy landscape

Design experiment

1. New path system goes into different landscapes and directions
2. Infrastructure reuse and regeneration will be around landscape instead from linking areas
3. Merges landscape and urban areas as an urban corridor with a natural landscape
4. Reuses mining energy projects and urban landscape
5. Diverse cultural centers are located in mining areas

Conclusion

1. Two urban corridors are developed around landscape areas
2. Three energy projects are integrated into landscape and connect to each other
3. Merges landscape and energy projects with urban areas
4. Diverse cultural centers are located in mining areas
5. Diverse cultural centers are located in mining areas

Path typology study

1. Infrastructure line as an instrument to redevelop the landscape
2. Functional line as an instrument to build the new landscape
3. Shrinkage problem as an opportunity for new landscape
4. Interpretation the energy elements as fundamental and educational function

Concept

To create a green heart for Heerlen by a new path system.

Site study

1. Topography
2. Natural landscape
3. New urban landscape
4. Mining landscape
5. Energy landscape

Design experiment

1. New path system goes into different landscapes and directions
2. Infrastructure reuse and regeneration will be around landscape instead from linking areas
3. Merges landscape and urban areas as an urban corridor with a natural landscape
4. Reuses mining energy projects and urban landscape
5. Diverse cultural centers are located in mining areas

Conclusion

1. Two urban corridors are developed around landscape areas
2. Three energy projects are integrated into landscape and connect to each other
3. Merges landscape and energy projects with urban areas
4. Diverse cultural centers are located in mining areas
5. Diverse cultural centers are located in mining areas