





# LOST PLACES

Everyone knows them: places that feel unsafe, are paved over, and become unbearably hot on warm days.

Spaces you only pass through quickly, places you'd rather avoid.

IMAGE: TILBURG FROM ATLAS NATUURLIJK KAPITAA



# **URBAN CHALLENGE**

Cities face complex challenges in making the living environment future-proof. These include:



### CLIMATE ADAPTATION & URBAN ECOLOGY

- > Managing stormwater and sewer capacity
- Declining biodiversity
- Heat stress
- > Irrigation during drought
- > Air pollution



### MAINTENANCE & INFRASTRUCTURE

- > Green space maintenance
- > Underground infrastructure
- Soil improvement
- > Handling peak loads in electricity, water, and gas
- Archaeological research



## SOCIAL & SOCIETAL

- > Engaging stakeholders
- > Changing mobility & parking
- Historic sites
- > Vandalism and litter
- > Health and happiness of residents and visitors





# WHAT GREEN TRANSFORMATIONS DO

We create livable, future-proof cities by improving green and blue structures. Green Transformations are the solution to heat stress. They also promote biodiversity, adapt to climate change, and absorb CO<sub>2</sub> and fine dust.

By deploying ecosystem services and biobased solutions, such as smart plant combinations and manageable greenery, we create habitats for insects, microbes, and other organisms (including people).

Above all, Green Transformations contribute to the happiness and health of residents. They increase city appeal and property values while supporting effective water management.

## THE BENEFITS OF GREEN TRANSFORMATIONS

**Energy savings in buildings**A cooler climate reduces the cooling demand.



Cooling through water elements Water evaporates and lowers the surrounding temperature



**Water Retention and irrigation:** 

Stores water and used efficiently.



<<< Afnemende druk op het riool Minder wateroverlast door natuurlijke

<<<



**Visually Attractive** 

infiltratie en waterretentie.

Green cities become more pleasant. <<<



What Green Can Do Greenery increases living and working enjoyment.



**Increased Property Value** Greener neighborhoods are economically more attractive.









**Healthy Soil** 

Better water regulation and biodiversity



CO<sub>2</sub> Storage

Greenery captures carbon and reduces emissions.



Clean Air

Plants and trees filter dust and CO<sub>2</sub>.



**Ecosystem Strengthening** Native flora/fauna thrive.



Promotion of biodiversity

More greenery creates a richer ecosystem.



**Recreation and Social Interaction** 

Green contributes to mental heath and

human connection. >>>



**Human-Nature Connection** 

Green contributes to mental recovery.



**Healthy Residents** 

Encourages exercise, reduces health issues.



**Lower Mortality Rate** 

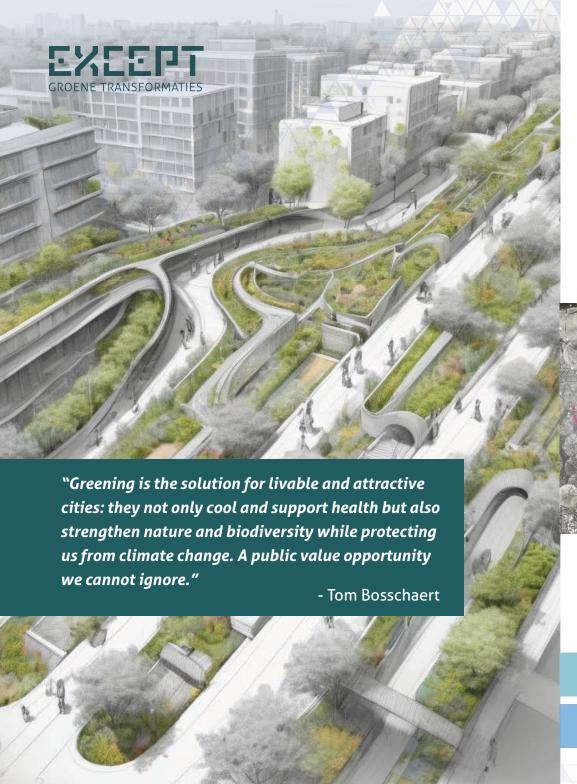
Less heat stress and better air.



A healthy living environment prevents diseases and health complaints.

CARAN ECOLOGY

HAPPINESS N



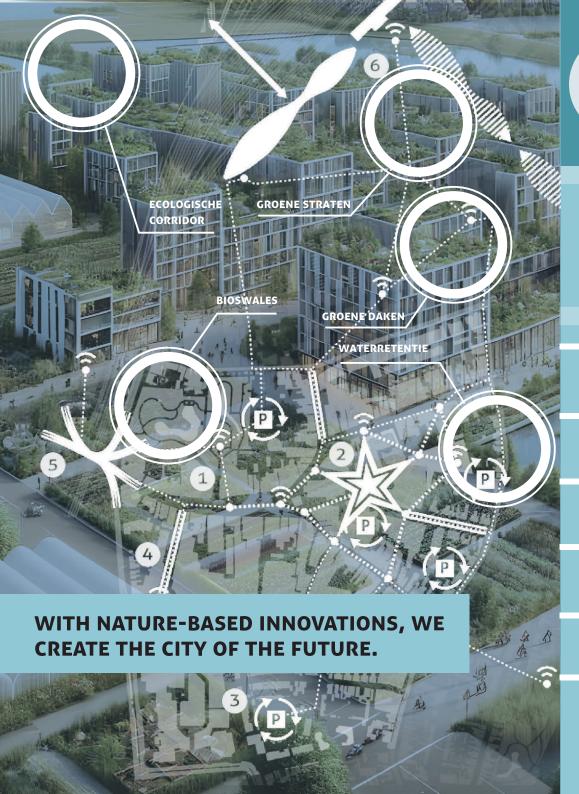
# GREENER, MORE RESILIENT AND LIVABLE

Except developed a streamlined service with over 20 cities to transform urban areas into green gems. It delivers initial analysis to community involvement, impact analysis, concept development and an implementation plan. All that for an affordable price that allows any community or organization to start transforming their environments today.



Except offers two strategies for green transformations, which can work independently or in combination:

- STRATEGIC MAP OF OPPORTUNITY LOCATIONS
- 2 CONCEPT DESIGN TRANSFORM A LOCATION



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# **STRATEGY MAP**

## OF OPPORTUNITY LOCATIONS

**Duration: 6 weeks** 

In this short strategic phase, we analyze the city or district as a whole, and pinpoint the most effective locations for a green transformation.

#### APPROACH:

### 1. Analysis & Preparation

Documentation and future plans are collected and studied.

#### 2.Site Visit

A meeting with relevant officials and a site visit.

## 3. Sketch Strategy Map

An initial sketch is made, and interactive co-creation is facilitated.

## 4.Feedback Session

A feedback round takes place in an online meeting to refine the plan.

## 5. Strategy Map & Action Plan

The map, action plan, and timeline are developed.

## 6. Presentation & Follow-up Steps

The results will be presented, and follow-up opportunities will be discussed.



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# **CONCEPT DESIGN**

### TRANSFORMING AN OPPORTUNITY LOCATION

#### **Duration: 5 months**

In this process, we transform a specific opportunity location into a green and attractive area. Co-creation is central to the process, involving direct stakeholders for a widely supported and sustainable plan. The outcome is a supported concept design with cost estimation and impact evaluation, and guidance on implementation.

#### AANPAK:

#### 1. Analysis & Site Visit

Information, documentation, and city plans are collected and validated. A meeting with relevant officials and site research will then take place.

#### 2. Information Session

An interactive session with stakeholders, including residents, entrepreneurs, and other involved parties.

### 3. Design and Presentation of Plan Scenarios

Input from the session is integrated into the initial design explorations of the plan in two design directions.

#### 4. Co-Creation Session

The plan scenarios are discussed, after which a desired design direction is developed collaboratively.

### 5. Design Iteration to Full Concept

The design direction is further elaborated, with an in-depth exploration of the details of greening and cooling interventions.

### 6. Presentation, Impact Calculation & Delivery

The concept design is presented to the stakeholders. Final adjustments are made, after which the plan is recalculated and officially delivered.

--> The concept plan is now ready for technical development.

# ABOUT EXCEPT

Except is a social enterprise that develops innovative concepts and strategies for a resilient, just, and regenerative built environment, organizations, and industries.

Since 1999, we have worked passionately on forward-thinking yet practical projects. In every trajectory, we collaborate with public and private partners in co-creation to push the boundaries of sustainability.



# **PARTNERS**







Our headquarters is located in our self-developed sustainable center, <u>Utrecht Community for pioneers (UCo)</u>, a sustainably redeveloped historic train depot. How can we help your organization become more sustainable?

View our 25 years of work or contact us at: www.except.eco.



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