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MINISTERUL CERCETĂRII,  
INOVARII ȘI DIGITALIZĂRII

Parteneri:




Kingdom of the Netherlands

BUCUREȘTI

# UrbanLab for Green Cities

17-19 Noiembrie

 The Entrepreneurship  
Academy

PEOPLE SHAPING SMART/RESILIENT/SUSTAINABLE/FRIENDLY/INNOVATIVE/ GREEN/ VISIONARY/ INCLUSIVE/ CULTURAL CITIES



# ECHIPA HEAL

**UrbanLab** for Green Cities  
București, 17-19 noiembrie 2023

**Nr. 7**

# 7 Echipa HEAL

## Codreanu Andreea Florentina

Student anul 4 la “Universitatea de Arhitectura si Urbanism Ion Mincu”

## Ferastrau Andrei Daniel

Student anul 4 la “Universitatea de Arhitectura si Urbanism Ion Mincu”

## Spirea Denisa

Student anul 4 la “Universitatea de Arhitectura si Urbanism Ion Mincu”

## Stancu Laurian Andrei

Student anul 4 la “Universitatea de Arhitectura si Urbanism Ion Mincu”

## Ion Andrei Cristian

Student anul 4 la “Universitatea de Arhitectura si Urbanism Ion Mincu”

# Problem

## Short problem description

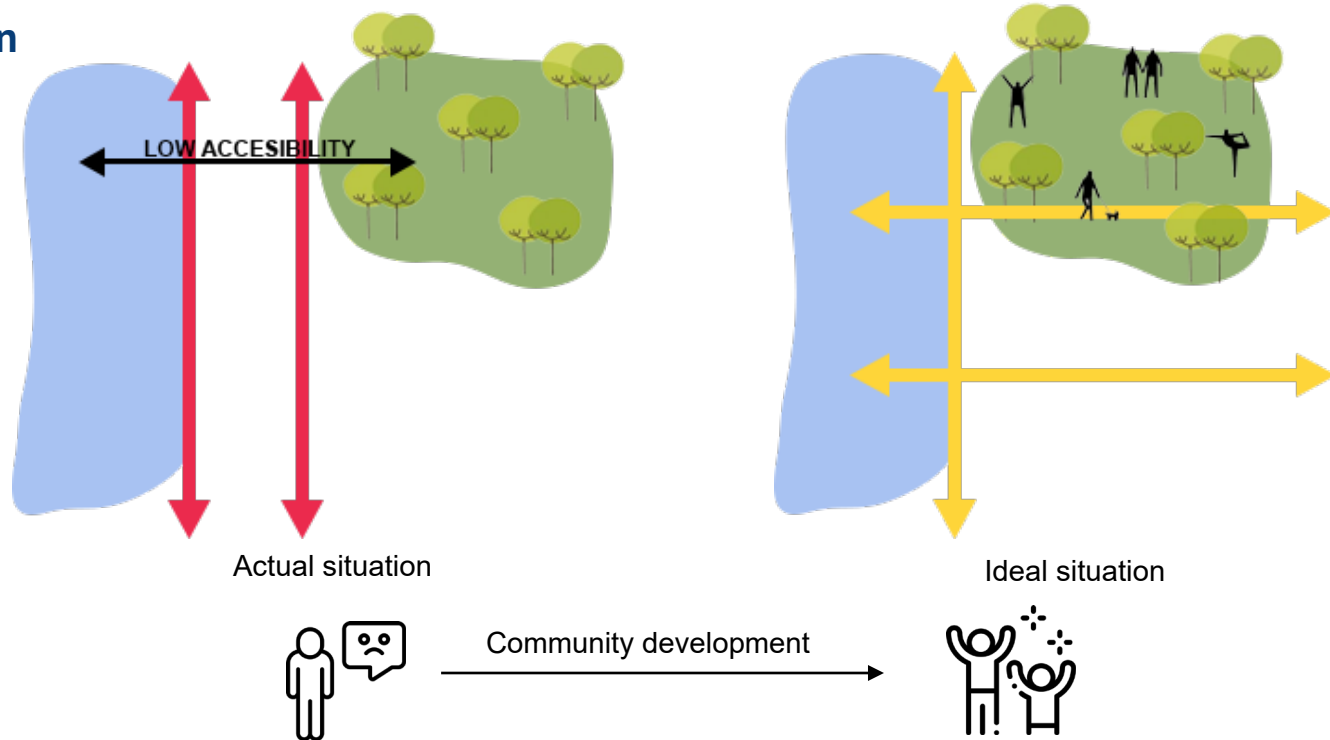
Bucharest, district 2-a zone with a big development potential.

Biggest problem

**Low accesibility between two natural resources-park and lake**

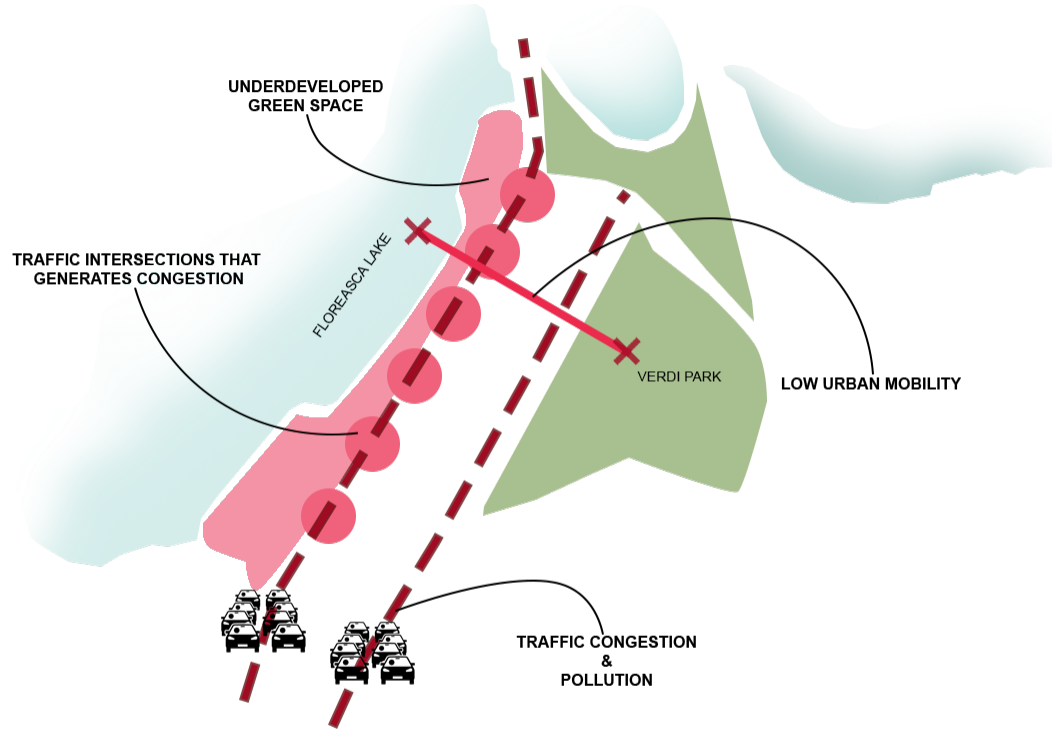
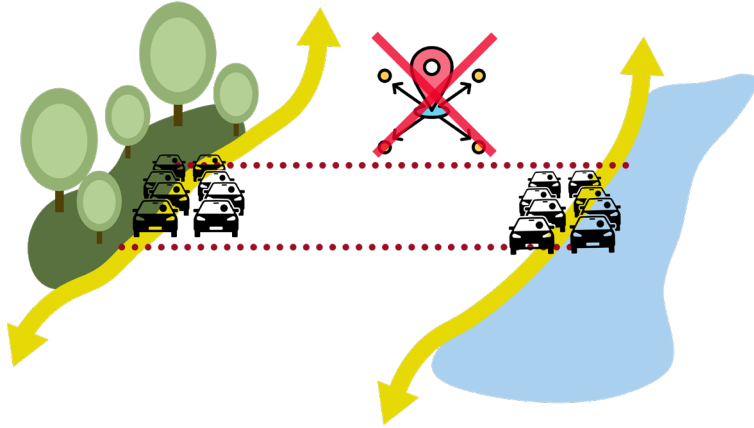
Other problems

- low urban mobility
- undeveloped leisure spaces
- traffic intersections that are too close to each other
- pollution caused by cars



# Problem - VISUAL

Visual representation of the actual situation for low urban mobility



# Exemples



United Kindom



Iceland



India



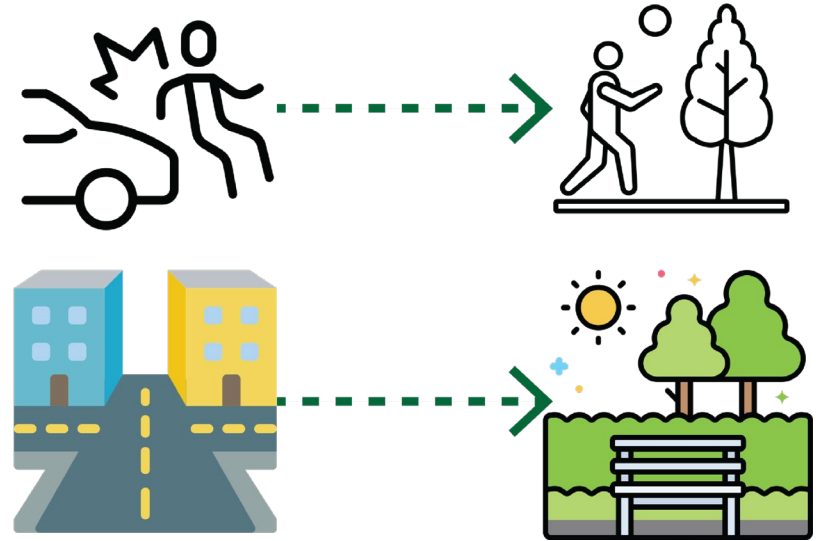
Copenhagen

# Our solution

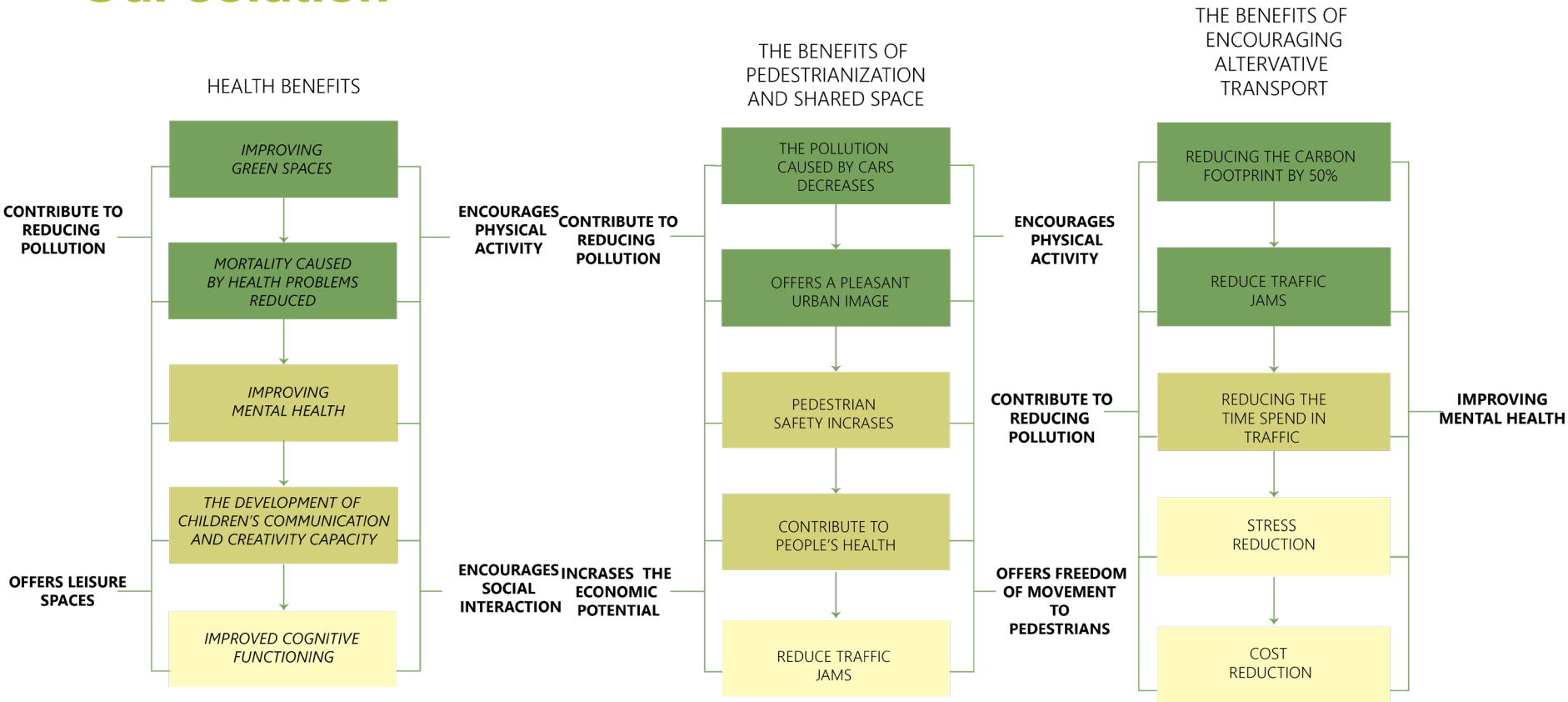
## Short description:

IDEAS:

- creating links between two green spaces, by increasing pedestrian mobility and safety
- creating pedestrian spaces and shared space
- implementing workhubs and the dock area with spaces for renting boats.

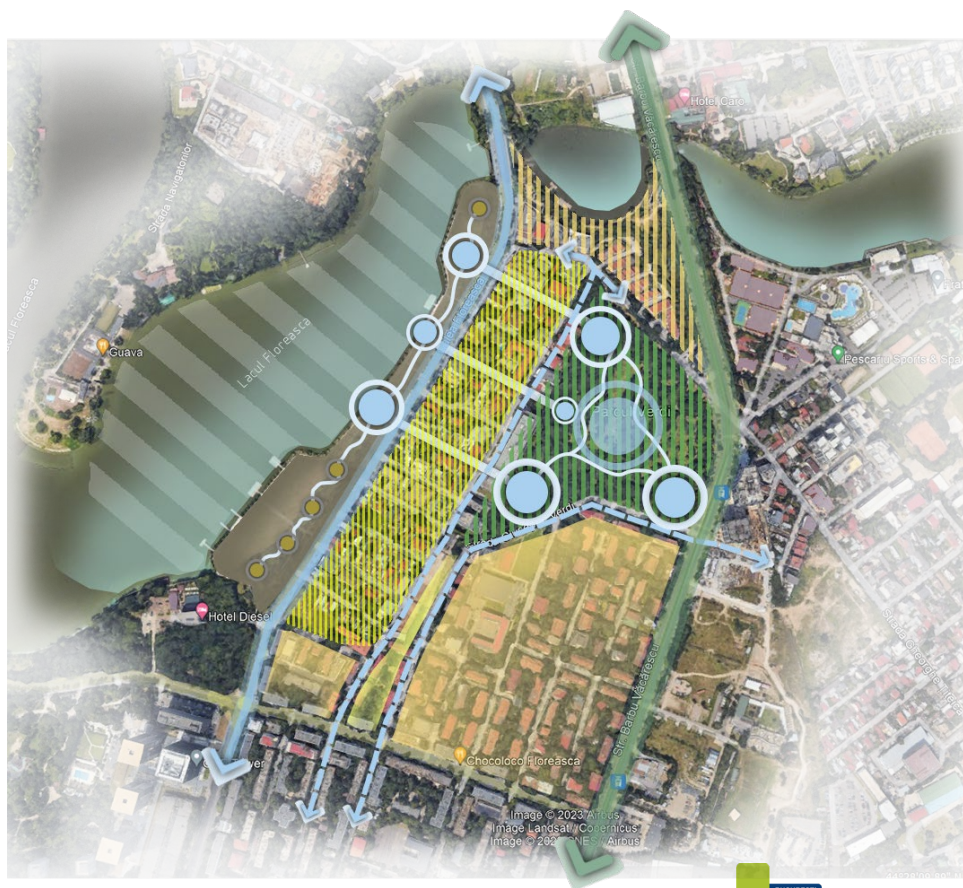
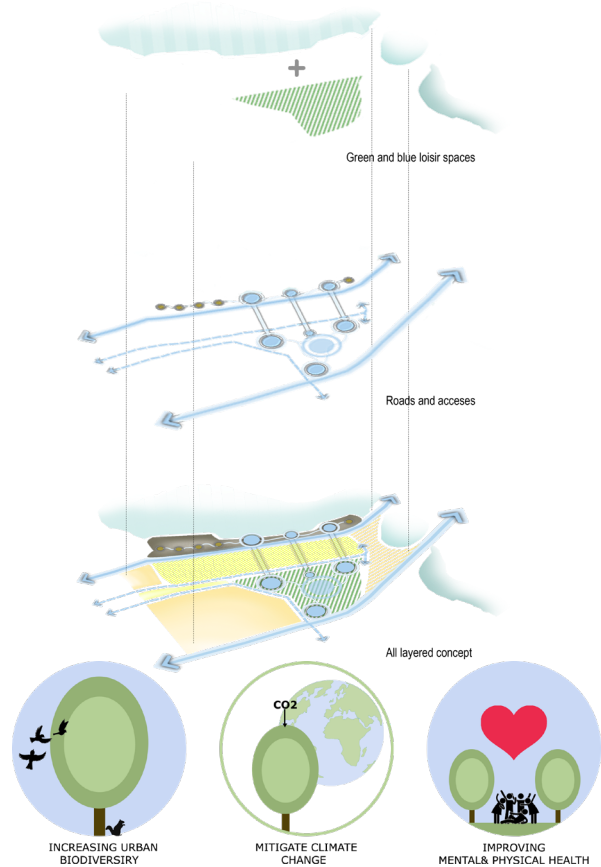


# Our solution





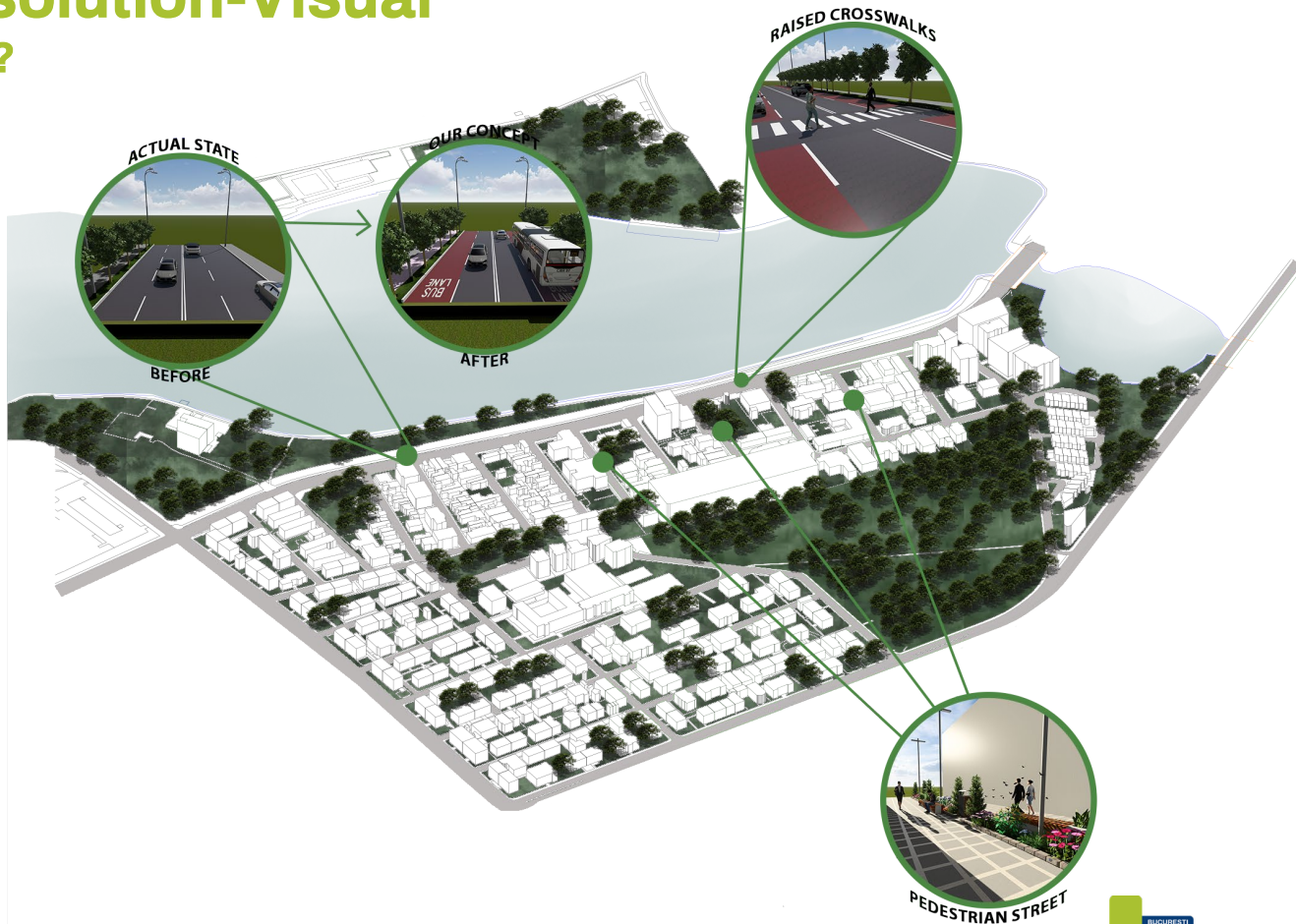
# Our solution-Visual



- Collective residences
- Individual residences
- Pietonal by the lake
- Lake
- Verdi Park
- Eco-friendly collective residences
- Eco-friendly individual residences
- Pedestrians walkways
- Pedestrians roads
- Working hubs
- Loisir places
- Main streets cat. II
- Secondary streets cat. III

# Our solution-Visual

## Where?



# Soluția - Avantajul competitiv

	<i>Soluția noastră</i>	<i>Competiție</i>	<i>Competiție</i>	<i>Competiție</i>	<i>Competiție</i>
The reduction of pollution is influenced by the encouragement of alternative transport and the reduction of traffic lanes	✓	✗	✓	✗	✗
Increase the area of green spaces by adding alignment plantations and in the arrangement of pedestrian streets	✓	✗	✗	✓	✗
Outdoor activities by arranging the existing docks on the Floreasca lake area.	✓	✗	✗	✗	✗
Increases the safety of pedestrians through the space dedicated to them and in the sharedspace area.	✓	✗	✗	✗	✓
Encouraging alternative transport through a special lane	✓	✗	✓	✗	✗
Bringing smart urban furniture into spaces designed for pedestrians.	✓	✗	✗	✗	✓

# Potențial de replicabilitate

Lacul Herăstrău



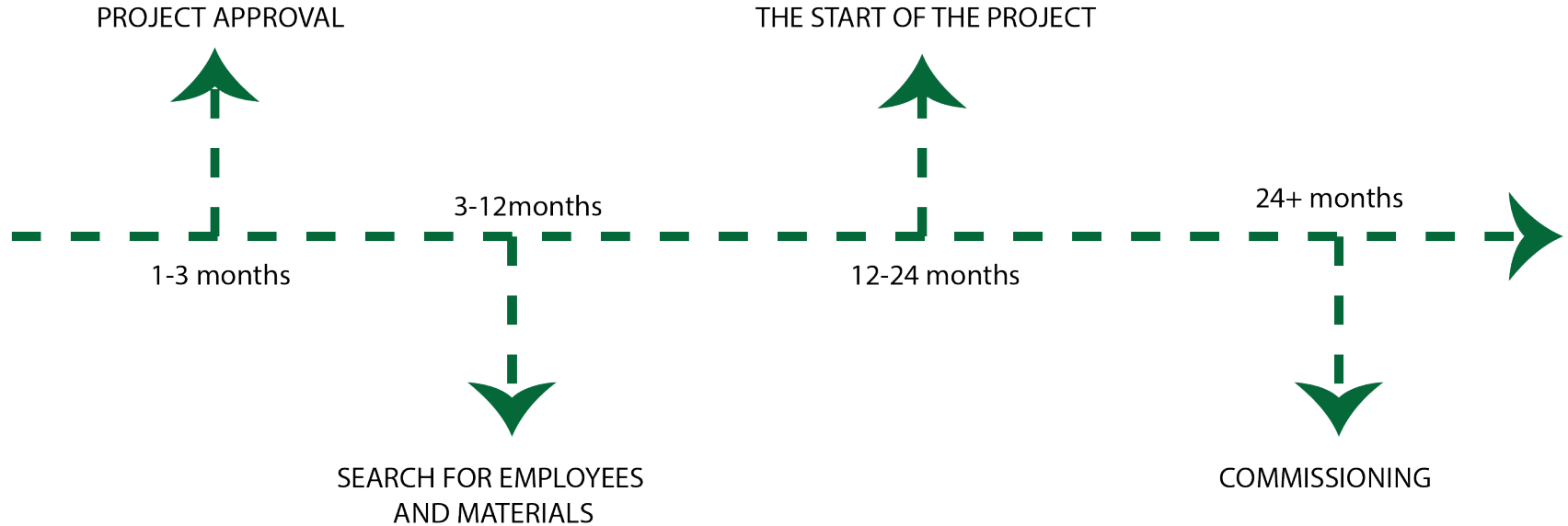
Soluția noastră  
Lacul Floreasca-Parcul Verdi



Lacul Tei



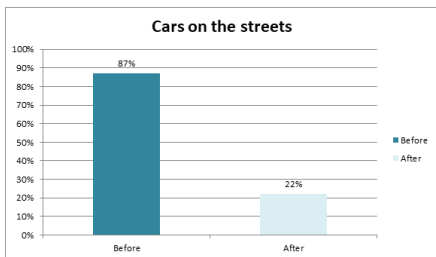
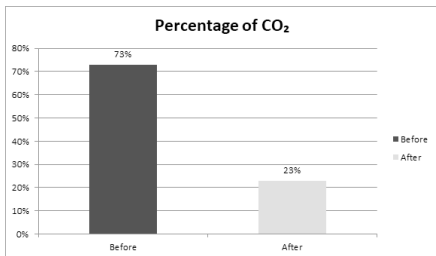
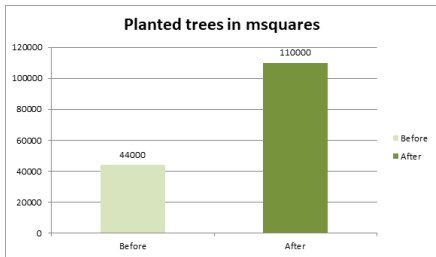
# TIMELINE



# Investiții necesare

Investitions	Price	Numărul de bucăți	Total
Smart benches	1.000€	25	5.000€
Trees-depends on species	TBD	60+	variable
Smart streetlamp	1000€	10	10.000€
Pavement	30€/m2	1200m2	36.000€
Panouri fotovoltaice	4.000€	4	16.000€
<b>Total costs</b>			<b>67.000€</b>

# Conclusions



**BENEFITS**  
**Trees: 66,000m<sup>2</sup>**  
**CO<sub>2</sub>: -48%**  
**Cars: -65%**

**THANK YOU!** 

**TEAM**

**H- Healthy**

**E- environment**

**A-and active**

**L-living**

