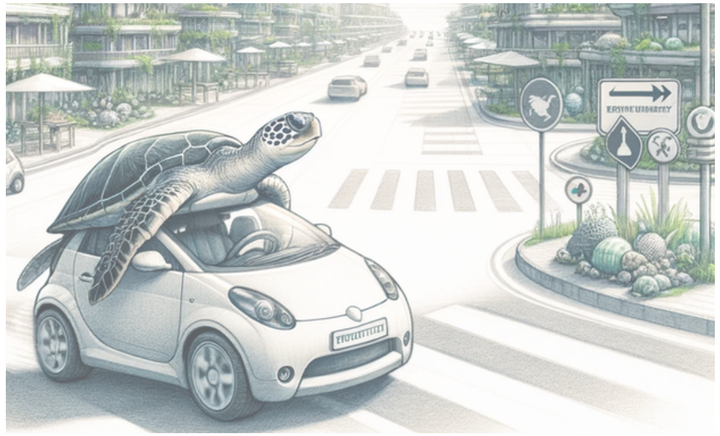
The car etta city

SAFE AND EFFICIENT



system analysis

CONCLUSIONS:

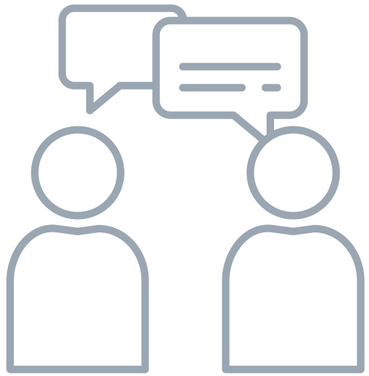
- not integrated mobility system
- only a few routes
- transport-related exclusion areas

WHAT WE OBSERVED:

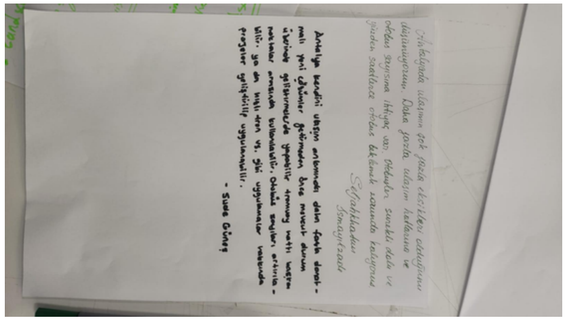
- irregular and buses
- long routes
- traffic jams
- not inclusive transportation
- poor pedestrian infrastructure
- cars priority

mobility challenges

What is the problem with mobility in Antalya and Manavgat area?

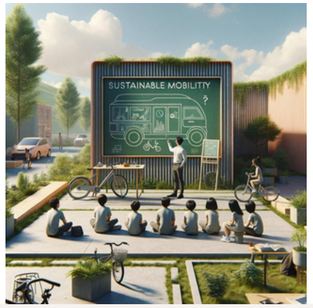


- a small number of bus services
- some of the routes are very long
- no buss schedules on stops and no clear applications or signs
- pollution and noise
- empty rotating rings
- the time between bus services is very long
- crowded and insufficient seats
- expensive
- insufficient numbers of busses
- arrival times are long due to traffic
- long refilling queues and insufficient filling machine at the stops
- drivers are a little rude
- the variety of means of transportation is few
- difficulties during the online refilling the card
- no bus schedules, poor signatures

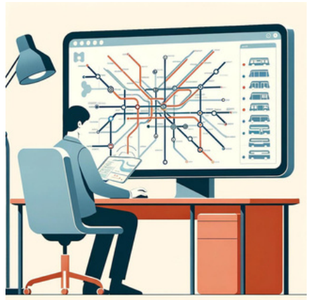


solution synthesis

What The Caretta Team will do about the problems?



educational system about sustainable mobility in schools



in-depth research on public transportation is needed

creating new efficient bus&tram lines

public transportation based on renewable energy

workshops and meetings with community

connecting rural and city area

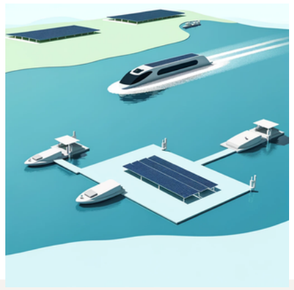
informative application and digital maps

shared-mobility system (cares, bikes scooters)

introduce pedestrians priority

exchanging parking lots for green areas

make the infrastracture accessible for everybody



activating water transportation

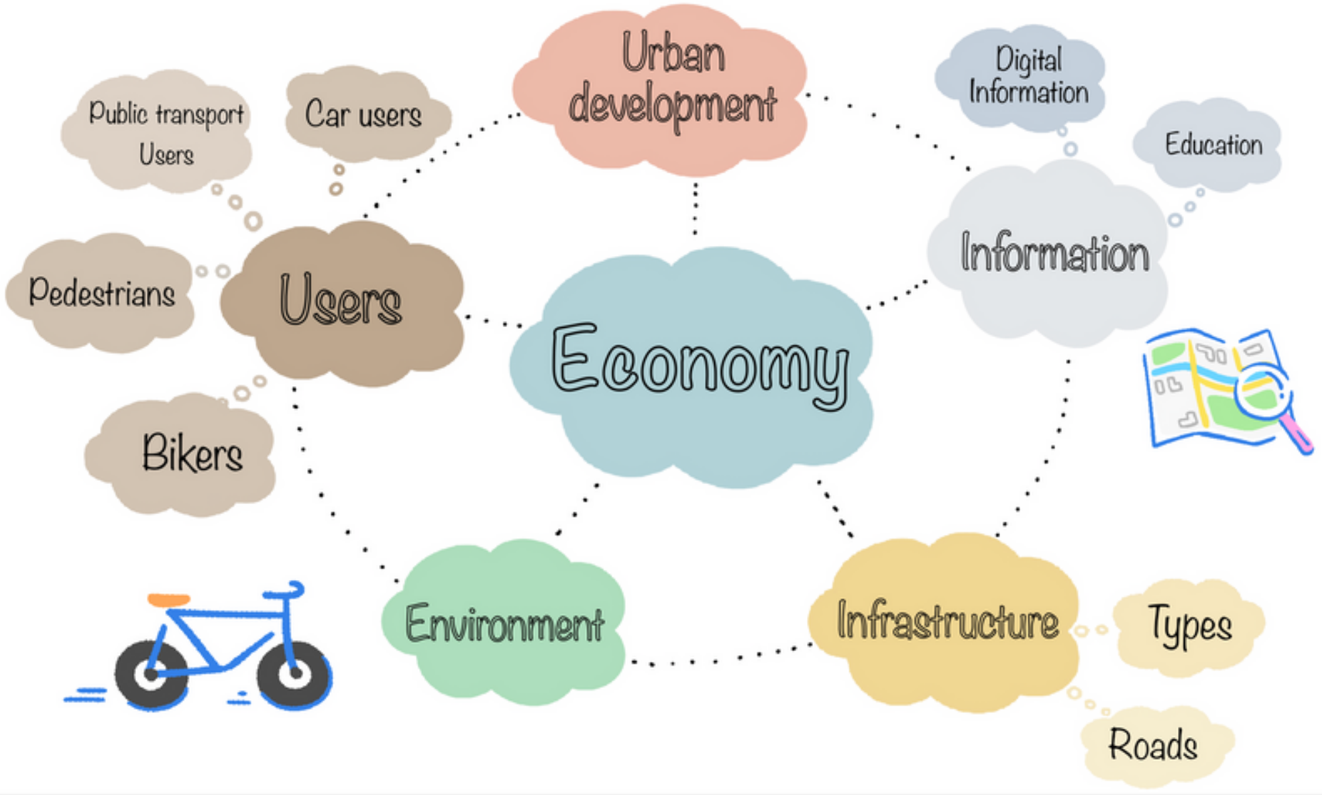
INTEGRATING all means of transportation

creating sustainable, social, commercial transfer hub center

our vision & goals

By 2050 we achieve fully integrated and operating mobility system based on renewable energy. It is sustainable, resilient, accsessible, inclusive, clean, smart and safe. The change starts now with educational and informational system.

SUSTAINABLE MOBILITY IN MANAVGAT



prototype

ANTALYA — MANAVGAT — ALANYA

EDUCATION & INFORMATION

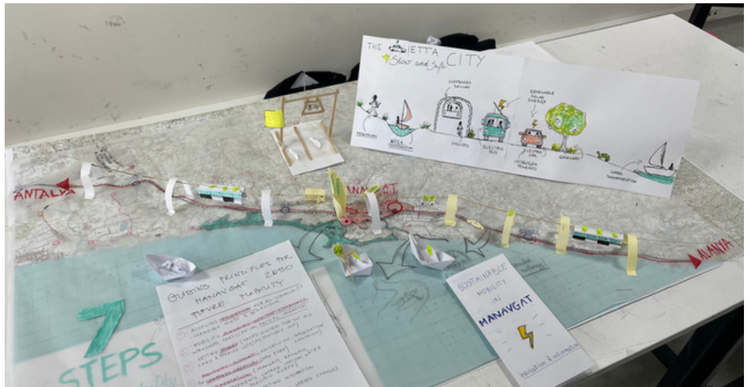
- public participations
- workshops and lectures for community
- website & easy to use app
- clear schedules and signs

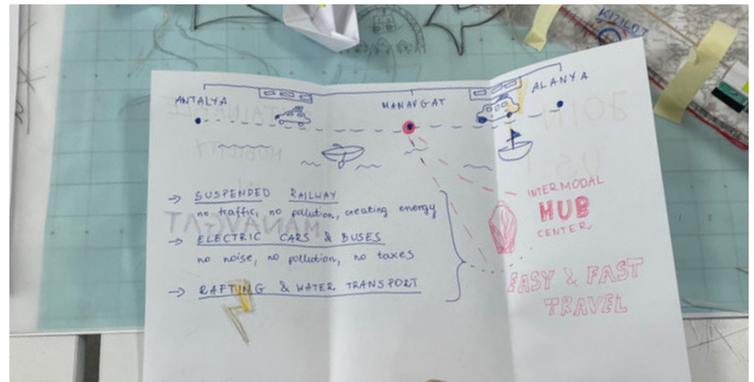
INFRASTRUCTURE

- fast and efficient, cost-saving railway connection
- multi-modal hub in Manavgat
- integrated public transport system
- based on renewable energy
- shared-mobility system

URBAN DEVELOPMENT

- Transit Oriented Development
- Multi-modal hub center with local services
- more green areas due to car reduce
- accessible and inclusive spaces





social business canvas

PUBLIC - PRIVATE PARTNERSHIP "THE CARETTA CITY"

**BY 2050 WE ACHIEVE FULLY INTEGRATED AND OPERATING MOBILE SYSTEM. IT IS BASED RENEWABLE ENERGY.
IT IS RESILIENT EFFICIENT ACCESSIBLE INCLUSIVE SAFE CHEAP CLEAN SMART-INTELLIGENCE EDUCATION AND INFORMATION PROCESSES
STARTS NOW AND CONTINUOUSLY DEVELOP IN 2050**

KEY PARTNERS:

- School and university
- Municipalities
- Experts (landscape, engineers, planners)
- Investors (local companies)
- Governments
- Banks and Funders
- Community (crowd funding)

KEY PROCESSES:

Education
Research - Discussions
Consulting - Planning
Funding Advertising
Implementing - Building
Monitoring - Improving

KEY RESOURCES:

People - support - space infrastructure - technology - knowledge - money

VALUE PROPOSITIONS:

- Efficient transport (cheap and fast)
- Innovative technology
- Multi-modal system
- Info&edu programme programmers
- Transport Oriented development
- Health and well-being
- Fair Transportation
- Less traffic
- Green areas in the city
- Increased value of real estate in Manavgat

KEY-PRODUCTS&SERVICES:

- Railway transport
- Eco public transport
- Multi-modal Hub
- 15 Minutes City structure
- Improved road system
- Education programmes

CHANNELS:

HUB
- Digital information (App, website, social media)
- Physical Info (Maps, stops, info boards, brocheries)

EDUCATION
Workshops, lecturers, classes, discussions

CUSTOMERS:

- Farmers - workers - tourist - citizens - delivery companies - local communities - bikers pedestrians - students - people with disabilities

BENEFICIARIES:

- Farmers - municipalities - governments - local companies - tourists - local community - University - volunteers - associations - schools and people with disabilities

value propositions

COST-DRIVER

infrastructure and Technology Investments - Construction materials and Advertising

REVENUE-DRIVER

Tickets Taxes services in the hub (rent locals), parking fee, charging stations and advertisement

CUSTOMER & BENEFICIARY INPUT

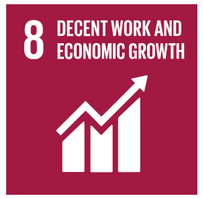
Feedback, finance support, workforce

KPI (KEY PERFORMANCE INDICATOR)

energy produced for kilowatts, number of passengers daily, energy conception measures, air pollution check yearly, yearly income from service and transport

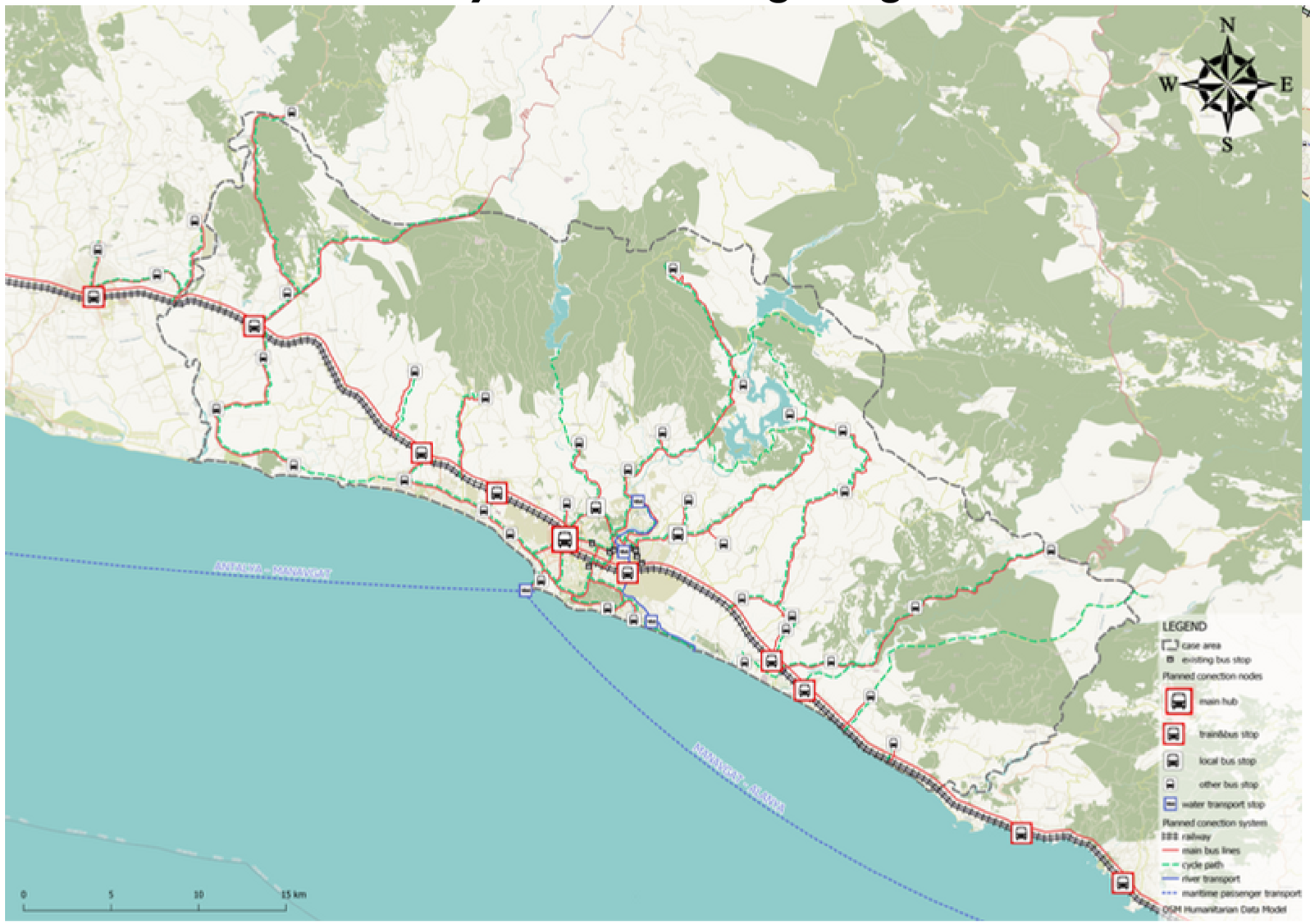
THE IMPACT

THE GLOBAL GOALS



spatial vision

Sustainable Urban Mobility Plan for Manavgat Region



SUMP for Manavgat & Side

CONCLUSIONS:

- increased accessibility and inclusiveness
- intergration of different means of transportation
- creating 15-minutes areas
- more bus routes
- connecting rural areas with the city
- introducing water transportation

timeline

the 7 steps plan

education

educational and informative programmes for community - change of minds and habits

planning

planning with the community - participation process, tactical urbanism

funding

crowd funding, investors, implementing tax-system and paid parking lots

suport

getting political support, advertising, marketing, creating needed companies and partnerships

application

creating, railway, public transportation system, solar power and charging stations

monitoring & improving

collecting data and information (feedback, implementing needed changes

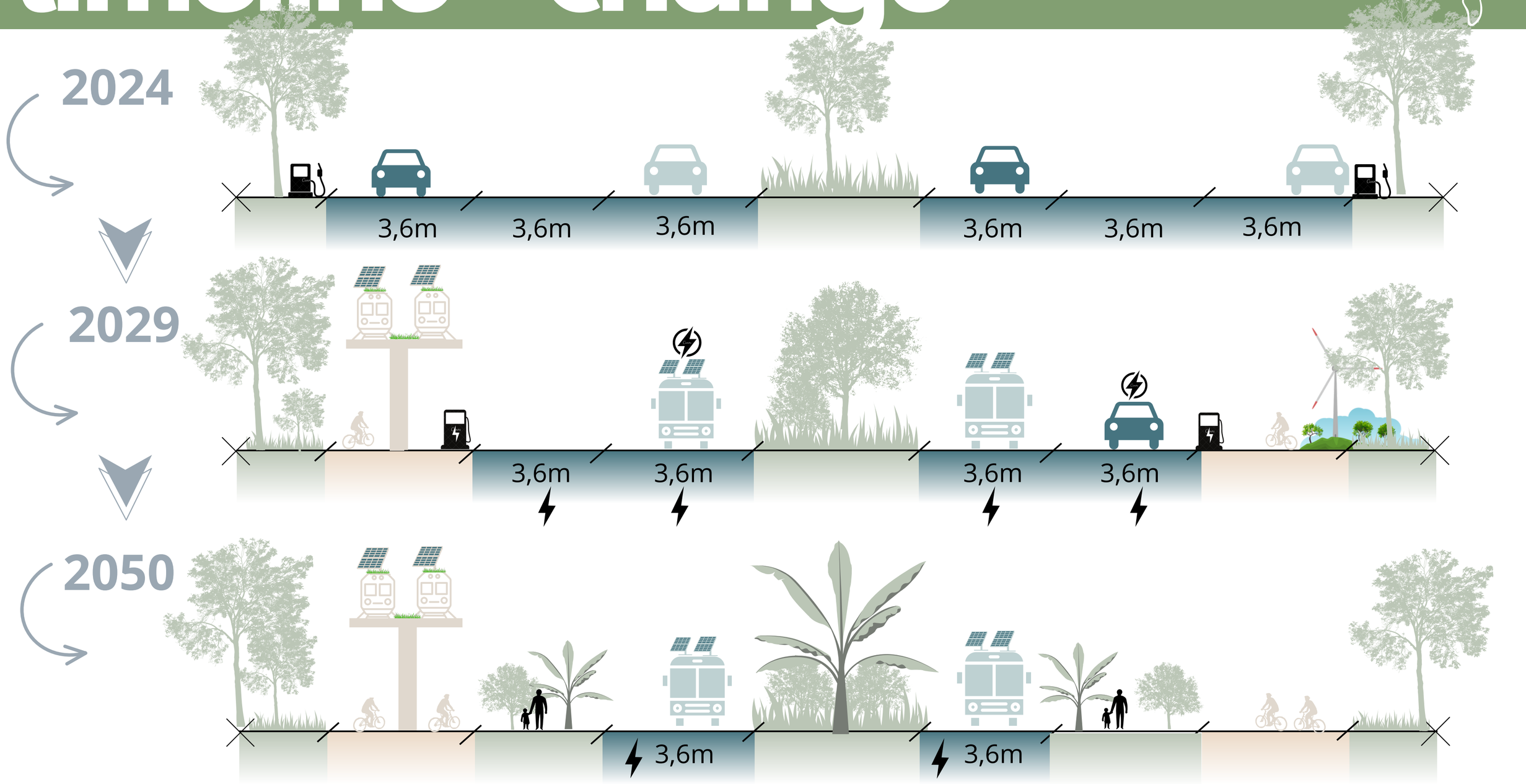
SUSTAINABLE MOBILITY IN MANAVGAT

2025

2029

2050

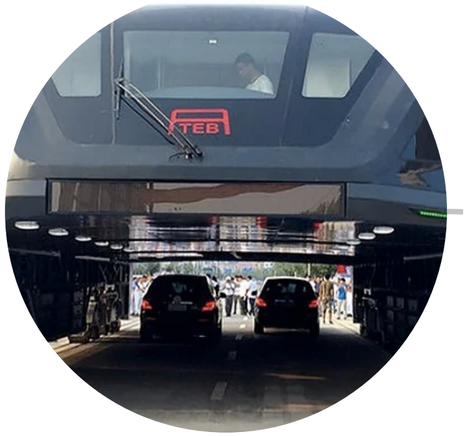
timeline - change



alternative future

FUTURISTIC VISION

GREEN MOBILITY SYSTEM



Transit Elevated Bus

Hoverbike

Volkswager Hover Car

Maglev

Sealander/Riverlender

mobility landscape system

MAGNETIC RAILWAY ON STILTS AS A LANDSCAPE IDENTITY OF MANVGAT REGION

Thank you for attention!

The Caretta Team!

Sources:

https://pl.pinterest.com/pin/985231162542792/
https://paratic.com/en-cilgin-ulasim-araclari/