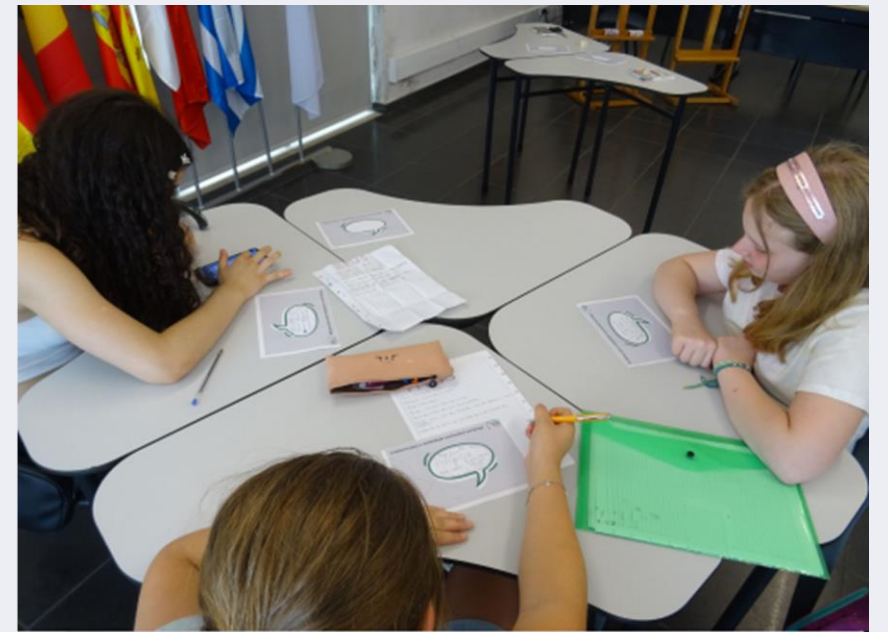
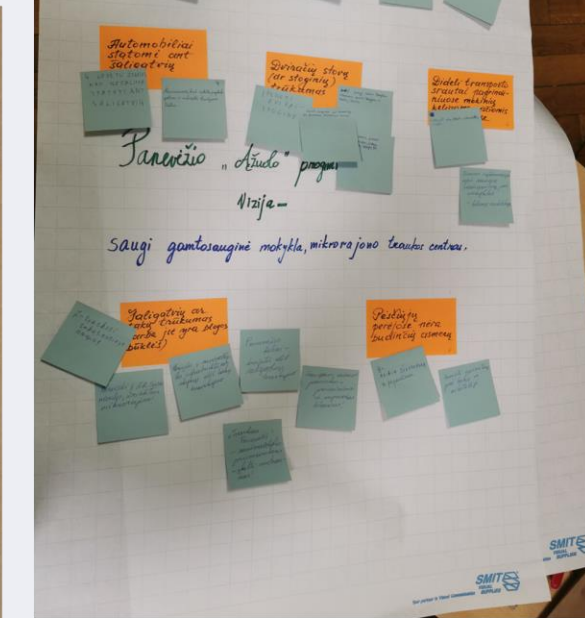
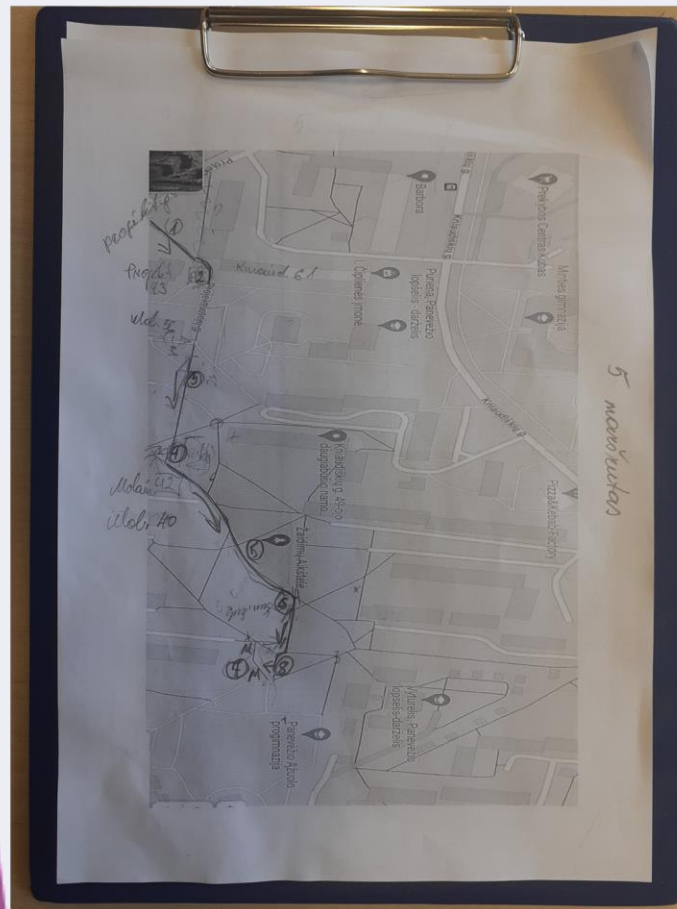


The webinar will start very soon



Feel free to introduce yourselves in the chat





This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101036640.

Accelerating sustainable mobility with future generations

Welcome

25th March 2024 | 11.00-12.30 CET



Agenda

Introduction

- Icebreaker
- Shared Green Deal overview

Case Studies

- Sustainable Mobility Stream experiments
 - Deep-dive: **Panevėžys**, Lithuania
- Q&A

Conclusions

- Good practices to achieve real changes
- Q&A and wrap up



1

2

3

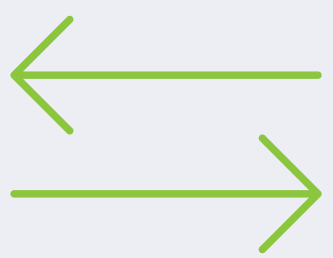
Webinar Objectives



Understand **Shared Green Deal**, local experiments, and outcomes



Processes and practices to **engage children** in planning sustainable ways to school



Replication strategies to promote real changes



SHARED GREEN DEAL has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement number 101036640.

WEBINAR:

Accelerating sustainable mobility with future generations

25th March 11:00-12:30 CET



Reggie Tricker

ICLEI Europe



Eliane Nemoto

ICLEI Europe



Lucas Barning

TU Wien



Iván Tosics

MRI



Lina Gelaziene

ECAT-Lithuania

SHARED GREEN DEAL partners

Local Partner

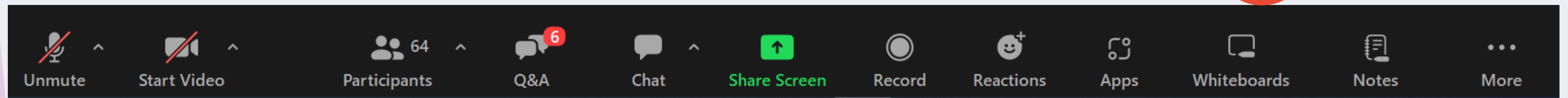
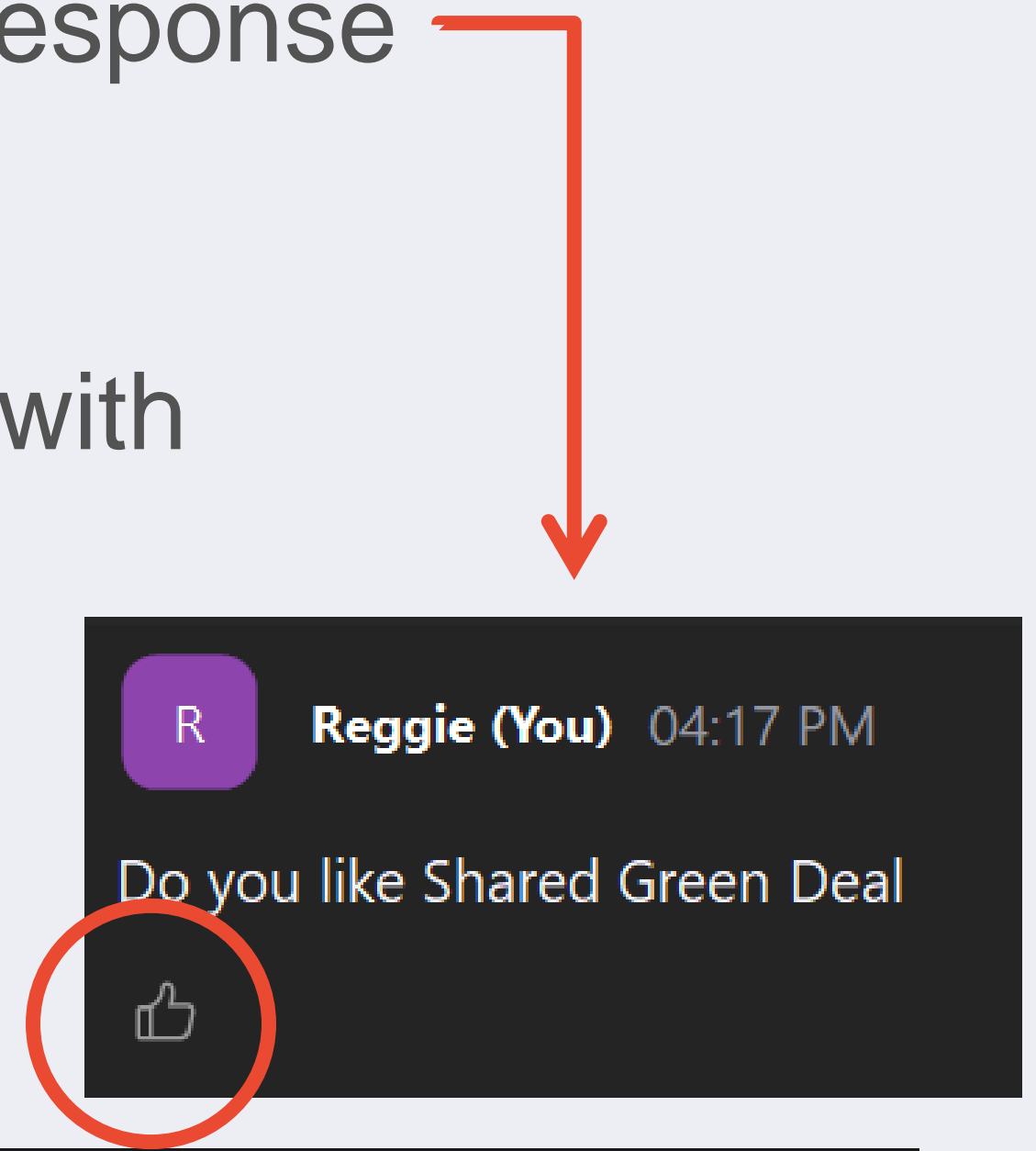
Zoom Housekeeping

We're recording. Please remain muted

The Q&A button allows you to pose questions for response during/after the webinar

The chat button allows you to discuss the webinar with other participants

The slides will be made available after the event





This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101036640.

SHARED GREEN DEAL

- **5-year** EU funded project (2022-2027)
- How can research in areas like *Sociology, Human geography, Psychology* (and more) support **socially innovative practices** for climate change goals?
- Unusually, we cover six sustainability topic areas: **energy, circular economy, renovations, mobility, food, biodiversity**
- We work closely with **local authorities and NGOs/ third sector organisations**, who are at the forefront of delivering on climate change policies
- **Case study guides** will be published in the autumn



Welcome Icebreaker

slido

Join at
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#4121 386





Shared Green Deal and the Sustainable Mobility Stream



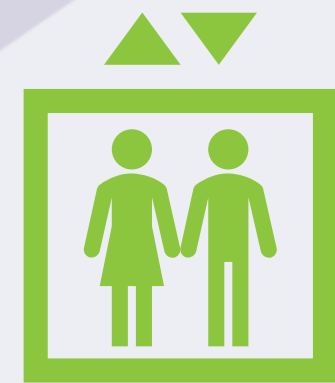
Lucas Barning

TU Wien

The Project

Stimulate **shared actions** on **Green Deal initiatives and priorities**

- Social Sciences and Humanities (**SSH**)
- **6** EU Green Deal policy areas
- **Local** and **regional**
- **Middle range changes** (meso-level) - bridge individual experiences (micro-level) and societal organisation (macro-level)
- **Behavioural**, social and cultural



Social Experiments

24 social experiments

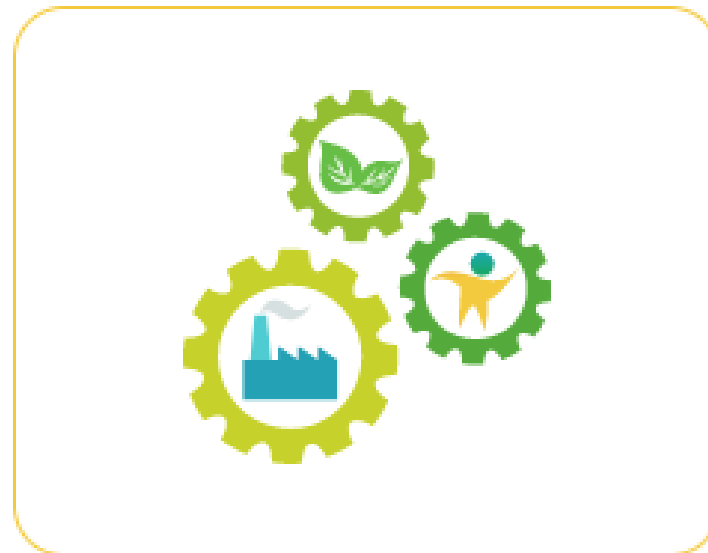
4 Experiments per stream

Different member states/affiliated countries

Clean Energy



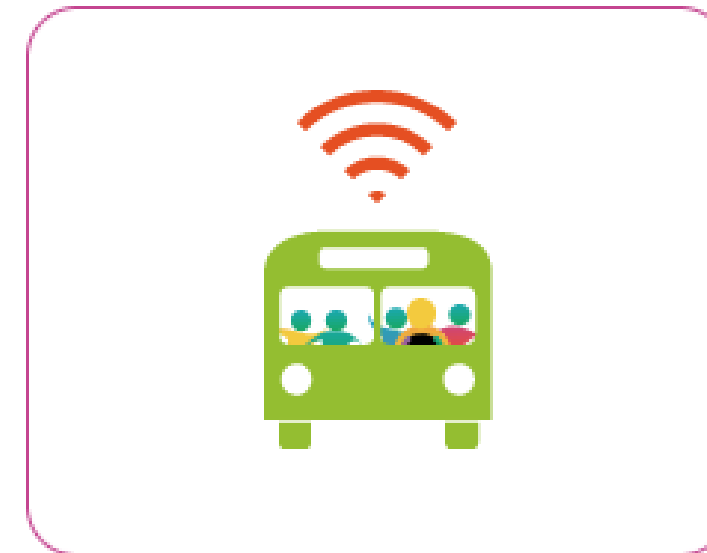
Circular Economy



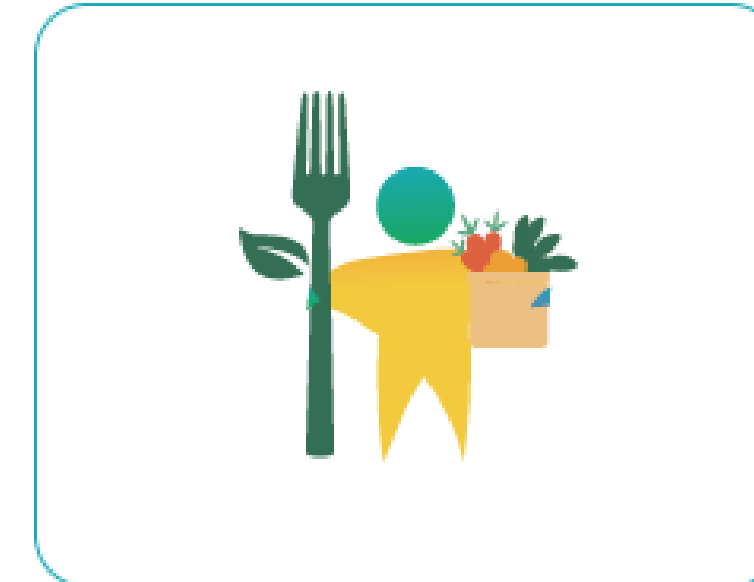
Efficient Renovations



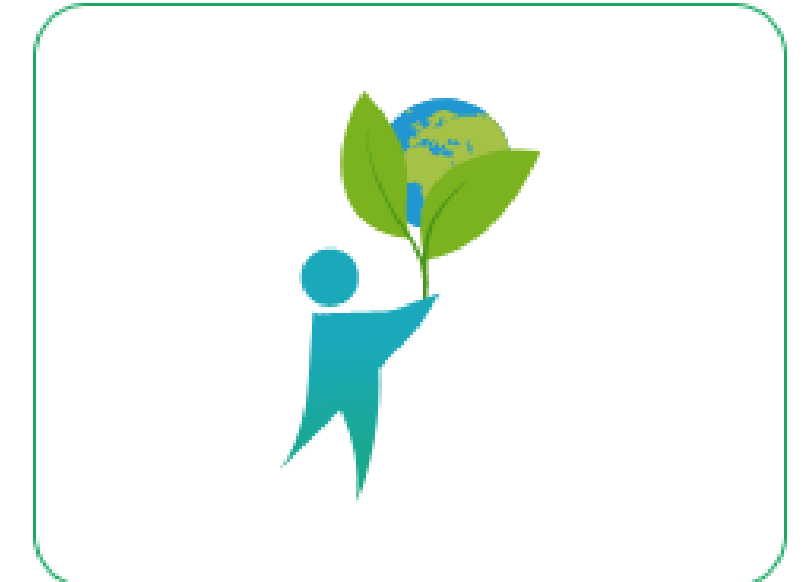
Sustainable Mobility



Sustainable Food



Preserving Biodiversity



4

SUSTAINABLE
MOBILITY

Accelerating the shift to sustainable
and smart mobility



Transport emissions represent around 25% of the EU's total greenhouse gas emissions and urban mobility has been singled out as a key focus area for the European Green Deal through its mission to have Europe be climate neutral by 2050. For that purpose, the European Commission published the European Urban Mobility Framework in 2021, proposing measures and initiatives for cities to meet the challenge related to making their mobility systems more sustainable.



The Mobility Experiment

Current mobility habits

- institutionalised behaviour and norms (meso-level) around travel to school in cities



Urban Mobility Labs

- schools within 4 different cities → each usually featuring the participation of 3 schools



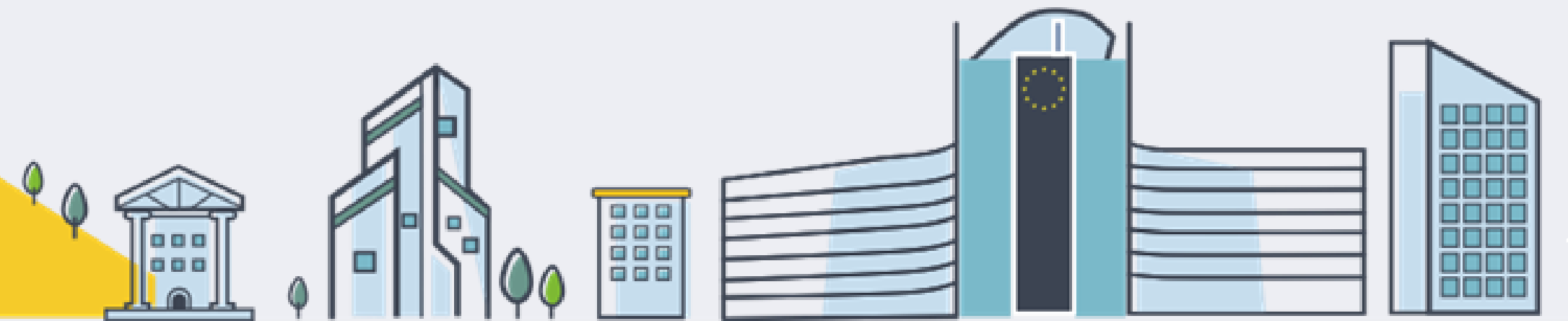
Context-specific solutions

- disrupt and develop behaviour/norms
- e.g. games, exhibitions, info boxes, educational material, small physical interventions
- raise awareness → public/social acceptance



Policy recommendations

- foster the representation of young people in policy making and planning processes





SUSTAINABLE
MOBILITY

Experiment Locations

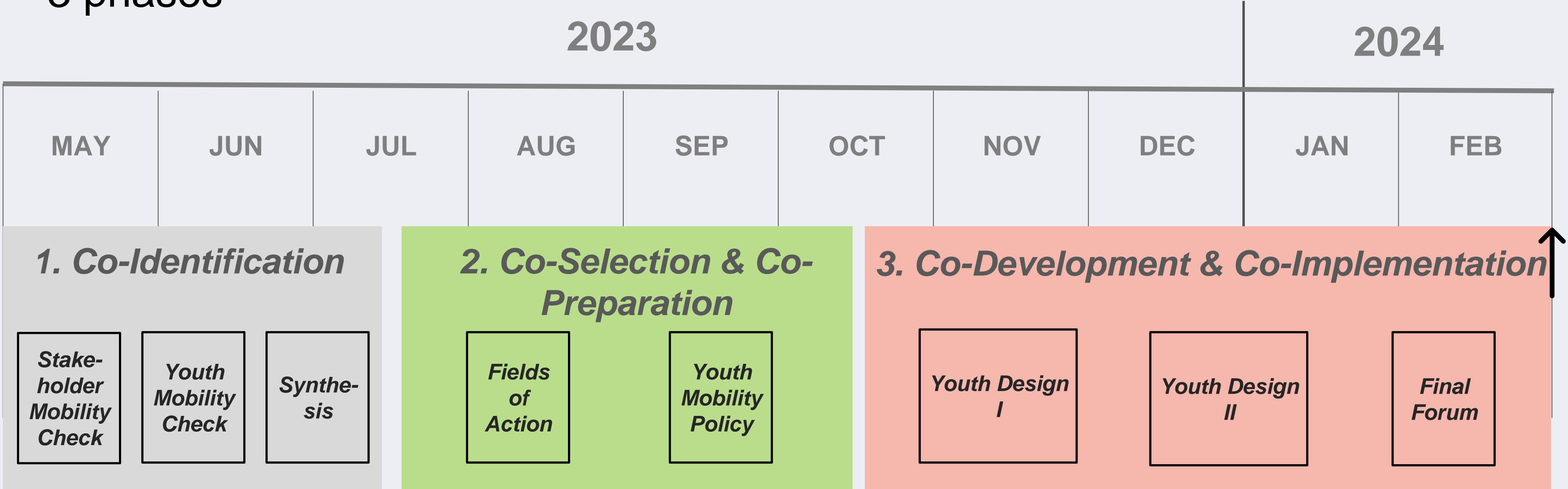
SHARED
GREEN
DEAL



Urban Mobility Labs

Each mobility lab includes **8 Mobility Forums**

- co-creative **participation process**
- 3 phases



Identify local school mobility-related problems and needs



Select **context-specific solutions** and formulate a list of **policy recommendations**



Develop and implement the solutions and validate and finalise the set of policy recommendations

Research Questions (RQs)

RQD1: How can local mobility experiments in schools initiate the **development of institutional future mobility strategies** to "accelerate the shift to sustainable and smart mobility"?

RQD1.1: What **influences contribute to the success/failure** of such social experiment approaches in the context of schools when it comes to accelerating the shift to sustainable and smart school mobility?

RQD1.2: How do **local mobility experiments** with the focus on the meso-level of institutionalised behaviour and norms related travel to school **influence individual behaviour and system change**

RQD1.3: How do **technologies and materials within the experiment** influence social outcomes and vice versa?

RQD1.4: How can **young people participate** in such experiments to co-create institutional strategies for a sustainable and smart future of school mobility and how can this lead to tangible recommendations for policy making?

- After implementation of Urban Mobility Labs, local partners will conduct **10 interviews** per location (**6** with young people + **4** with adults) → data basis for answering RQs



The Local Experiments



Eliane Nemoto

ICLEI Europe



The Local Experiments



Sofia (Bulgaria)



Braga (Portugal)



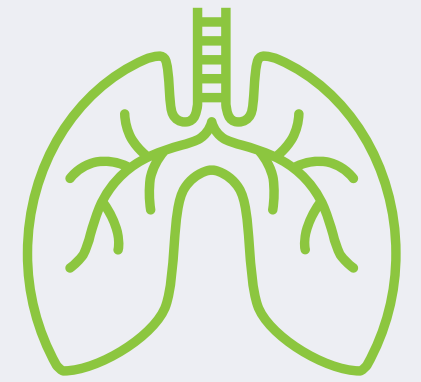
Galway (Ireland)

Bulgaria – Sofia

Mobility challenges:

Improve air quality

- Surrounded by high mountains, restrict natural air ventilation.
- Bike infrastructure and PT very limited.
- Current **modal split** shows great use of cars for school children (60%).
- Old habits and facilities do not help change the status quo.

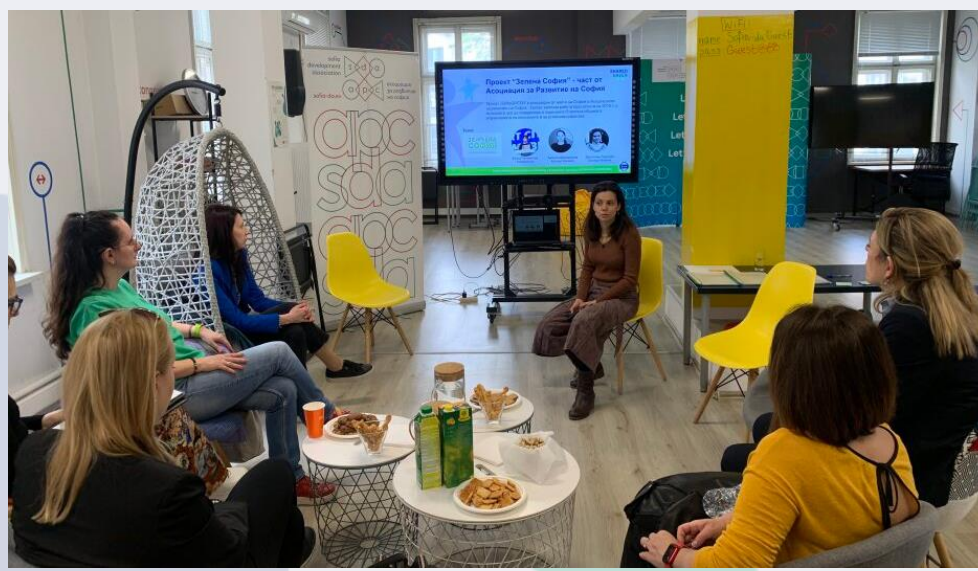


Aim of the experiment:

Explore the mobility habits and needs of students, to propose and implement new alternatives for kids to go to school. Overall aim is to **improve air quality with better safety conditions for kids.**

Intended outcomes:

- Increased awareness of children on sustainable school mobility
- **Local solutions (e.g. post boxes in each school for "my dream of going to school")**
- Policy recommendations for sustainable and safety school mobility (+ a [map](#) expressing the conditions of the walking routes around schools).



Bulgaria – Sofia





Sofia (Bulgaria)

Bulgaria – Sofia

Inhabitants: 1.276.956 (capital city)

Schools involved:

35th School for foreign languages *Dobri Voynikov*

- Densely populated area in outer city center

Students: 1200 -
1st to 12th grade
(age 7 to 19)

1st Secondary School *Pencho Slaveykov*

- Outskirts of the city center in a highly populated urban area

Students: 1076 -
1st to 12th grade
(age 7 to 19)

6th Primary School *Graf N.P. Ignatiev*

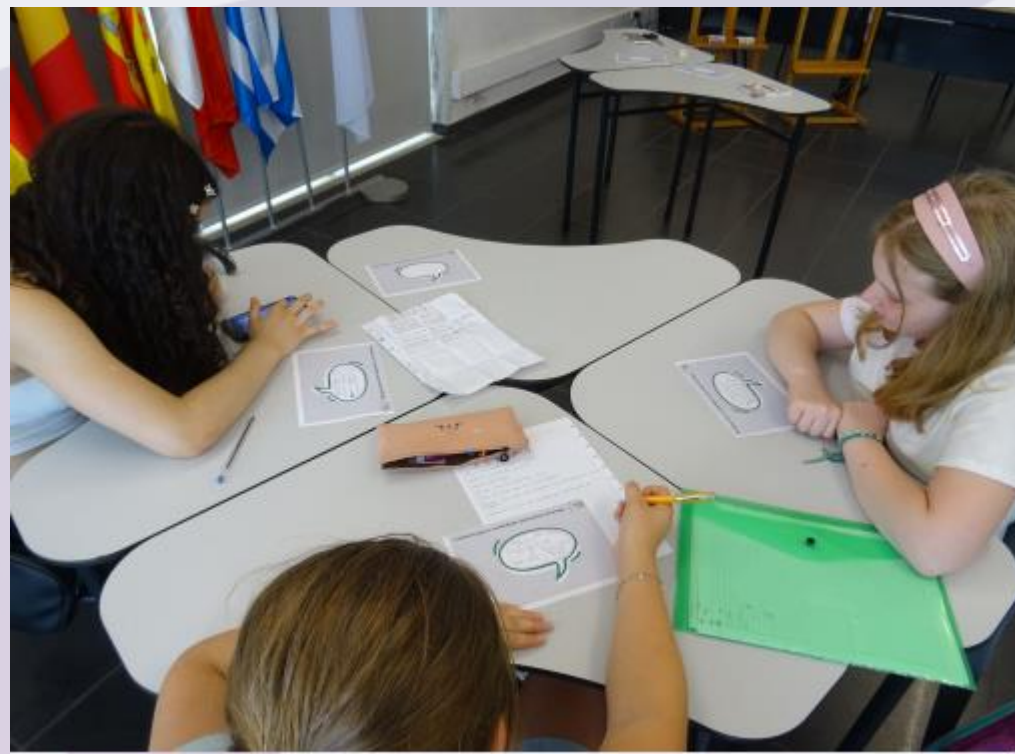
- City center

Students: 600 -
1st to 7th grade
(age 7 to 14)

Local Partner: Sofia Development Association (SDA) – NGO

- Resource center for testing innovations in the field of sustainable development, culture and digital transformation in Sofia

Portugal – Braga



Mobility challenges:

- Strong impact of the school community in the local mobility dynamics
- City centre areas around the main schools tend to be very problematic because of the **growing dependence on private cars** and old mobility habits.



Aim of the experiment:

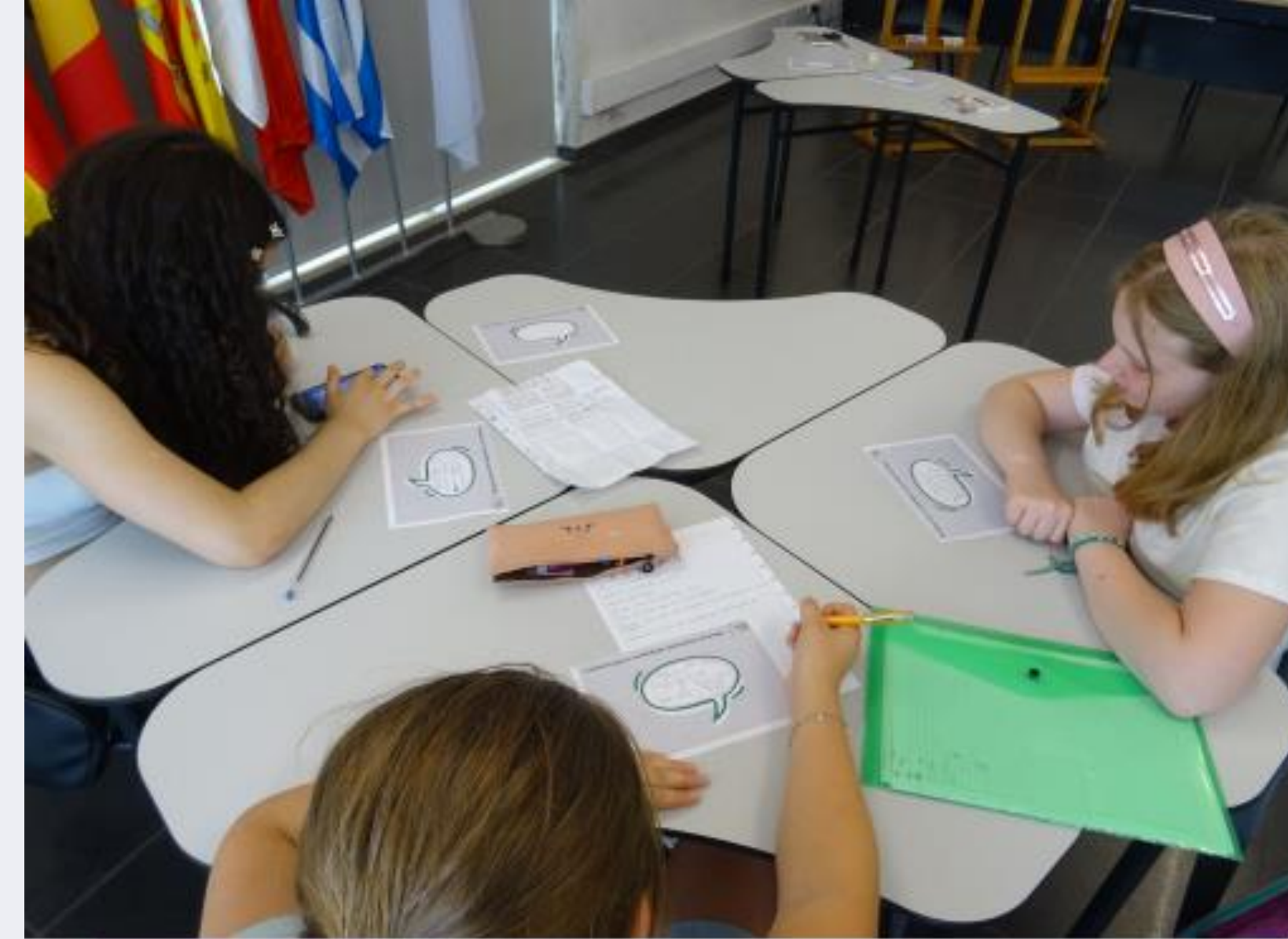
Reduce the number of vehicles in the areas surrounding the schools of the city centre - increasing the number of users of the **School Bus, the bicycle train and the PeddyBus.**

Intended outcomes:

- **Periscopes** as important tools to see the problems caused by cars with the eye of children.
- Suggested measures and context-specific solutions (e.g. increasing the number of **guardians** using public transport, **reducing parking spaces** in front of school, replacing by kiss&go, among others).
- Creation of an **exhibition** to debate the problems and the proposed policy recommendations.



Portugal – Braga



Portugal – Braga



Braga (Portugal)

Inhabitants: 192.494 (3th largest city in Portugal)

Schools involved:

D.Maria II High School

- City centre - high traffic flows, densely populated, multifunctional

André Soares Middle School

- City centre - high traffic flows, densely populated, multifunctional

Lamacaes Middle School

- 15-minute walk from the city centre - densely populated area. Students from 10 to 14 years attend the school.

- **Local Partner:** Braga Municipality

Students:
15 to 18 years

Students:
10 to 14 years

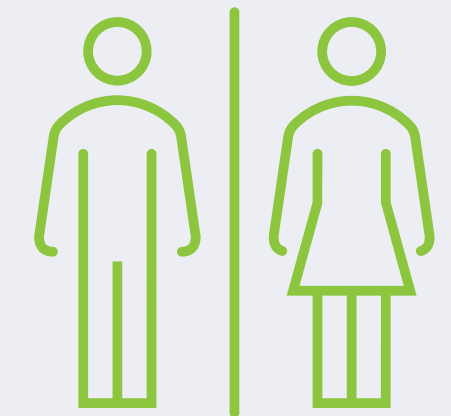
Students:
10 to 14 years



Ireland – Galway

Mobility challenges:

- Rates of **travel to school by bike** declined >50% in 1986 → <25% in 2016 - **Gender imbalance** amongst teens (37% boys vs 0,04% girls cycling)
- **Safe school zones** created - but just in primary schools.
- **Weather conditions** require better parking facilities.
- **Fear of traffic** is still seen as the biggest obstacle.



Aim of the experiment :

1. Discuss **gender difference** in young people cycling to school.
2. Identify **intervention** to help address inequality.
3. Identify motivators, challenges and **policy recommendations** for decision makers and/or grassroots community/school efforts.

Intended outcomes:

- **Walkability audit** and 3 open events with pop-up stalls in the two schools involved + the Youth Climate Assembly.
- **Survey** (more than 350 students participating) on barriers.
- **Local solutions** to increase girls' interest in active mobility and encourage cycling.



Galway (Ireland)



Ireland – Galway



Ireland – Galway



Galway (Ireland)

Inhabitants: 85,910

Schools involved:

Coláiste Éinde (St Enda's school)

- Suburban.

Salerno

- West side of Galway (very heavy traffic during school arrival and departure).

Local partner: An Mheitheal Rothar – NGO

- Promoting cycling since 2010 (bicycle-repair skills, organizing cycling workshops and activities or advocating for better infrastructure). Local schools and community groups focus.

Students:
12 to 18 years

Students:
12–18-year-old
(girls only)





Let's take a deep dive!



Lithuania - Panevėžys



Lina Gelaziene

ECAT-Lithuania

“School communities for sustainable mobility solutions in Panevėžys municipality”



Panevėžys municipality

Inhabitants: 86 599



- 5th largest city in Lithuania
- 50 sq. km
- Clean, cozy and green city. Parks and greenery in the city occupy about 700 hectares (**14% of the total area**)
- Important industrial spot

Panevėžys SUMP: developed in 2017

Modal Share: 20% walking / 3% cycling / 18% PT / 59% cars



Panevėžys - The schools

Berzu progymnasium

- **285 students** and 33 teachers
- Situated in residential apartment buildings area
- 87% walking
- 5% using public transportation
- 3% bicycles
- **5% by cars**

Azuolo progymnasium

- **569 students** and 49 teachers
- Situated in residential apartment buildings area
- 40% walking
- 10% bicycles / electric scooters
- **50% by cars**

Rozyno progymnasium

- **421 students** and 45 teachers
- Situated in private house area
- 15% walking
- 30% bicycles / electric scooters
- 15% public transportation
- **40% by cars**

Goals and motivation



Challenges

- Reduction of congestion
- Engage young people
- Change in attitudes and mobility habits of schoolchildren and parents
- **Moving away from the car and towards other more sustainable modes of travel**



Goals

- Raise awareness on climate change and sustainable mobility issues
- Help school communities better **understand their role** in the city's sustainable mobility
- Encourage young people **actively participate** in city life
- Enable young people's voices to **feed into the development of local policy** recommendations



Expected results

- 3 prepared **school travel plans** (STP)
- Developed **guidelines** for preparation of STPs
- Developed education and activities **toolkit** for schools.
- Prepared **policy recommendations** for travel to school strategies at the city level.

Implementation

Challenges

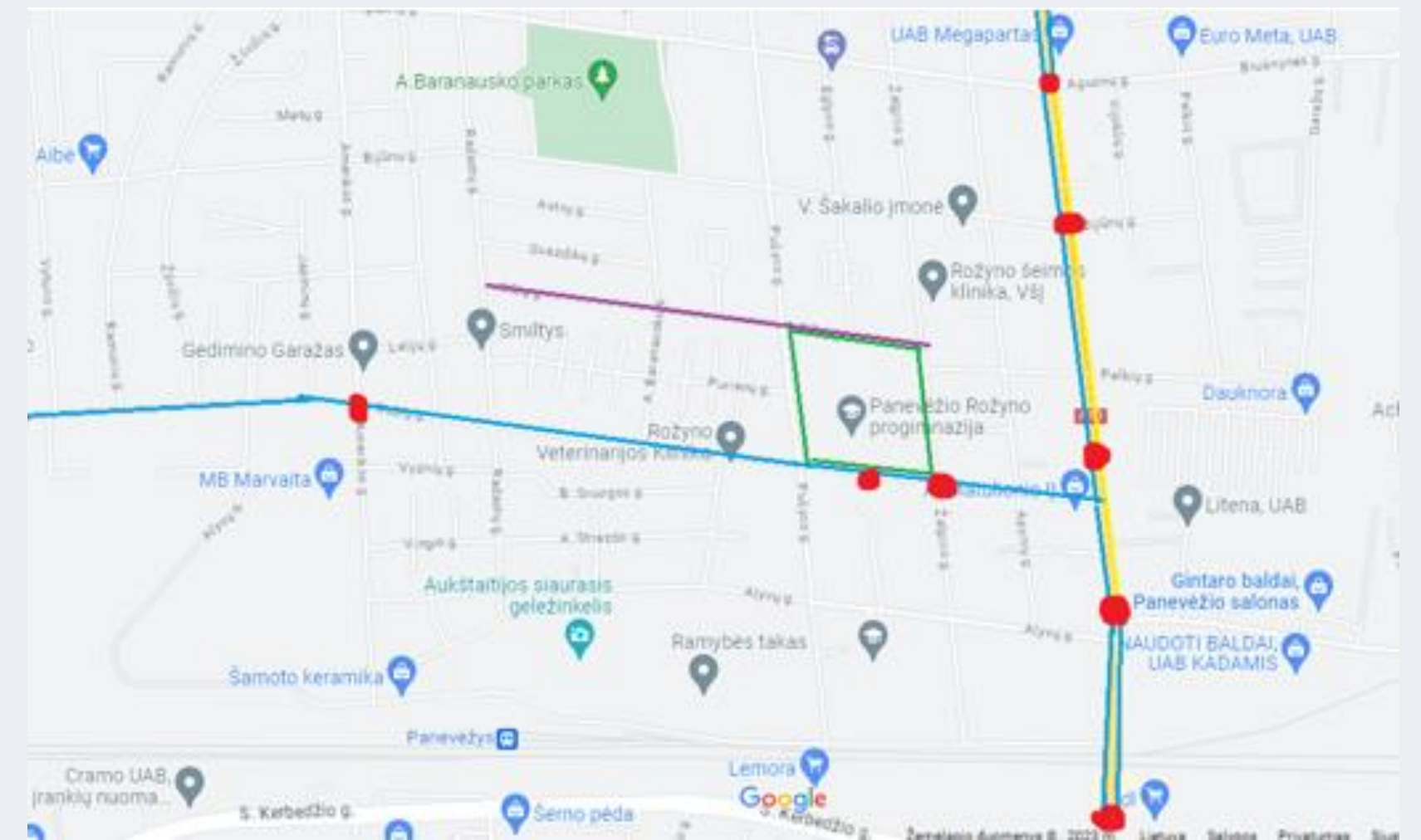
- **Stakeholder involvement**
- Sustainable mobility is **not the most popular** and well-known topic
- **Different-age** children, teachers and municipal officials: how they will communicate in the co-creation sessions?

Drivers

- **Experience** of working with different target groups
- **Knowledge** of the topic
- **Support** from the education department of the municipality
- **Interest and willingness** of the participating schools to implement the experiment

Implementation

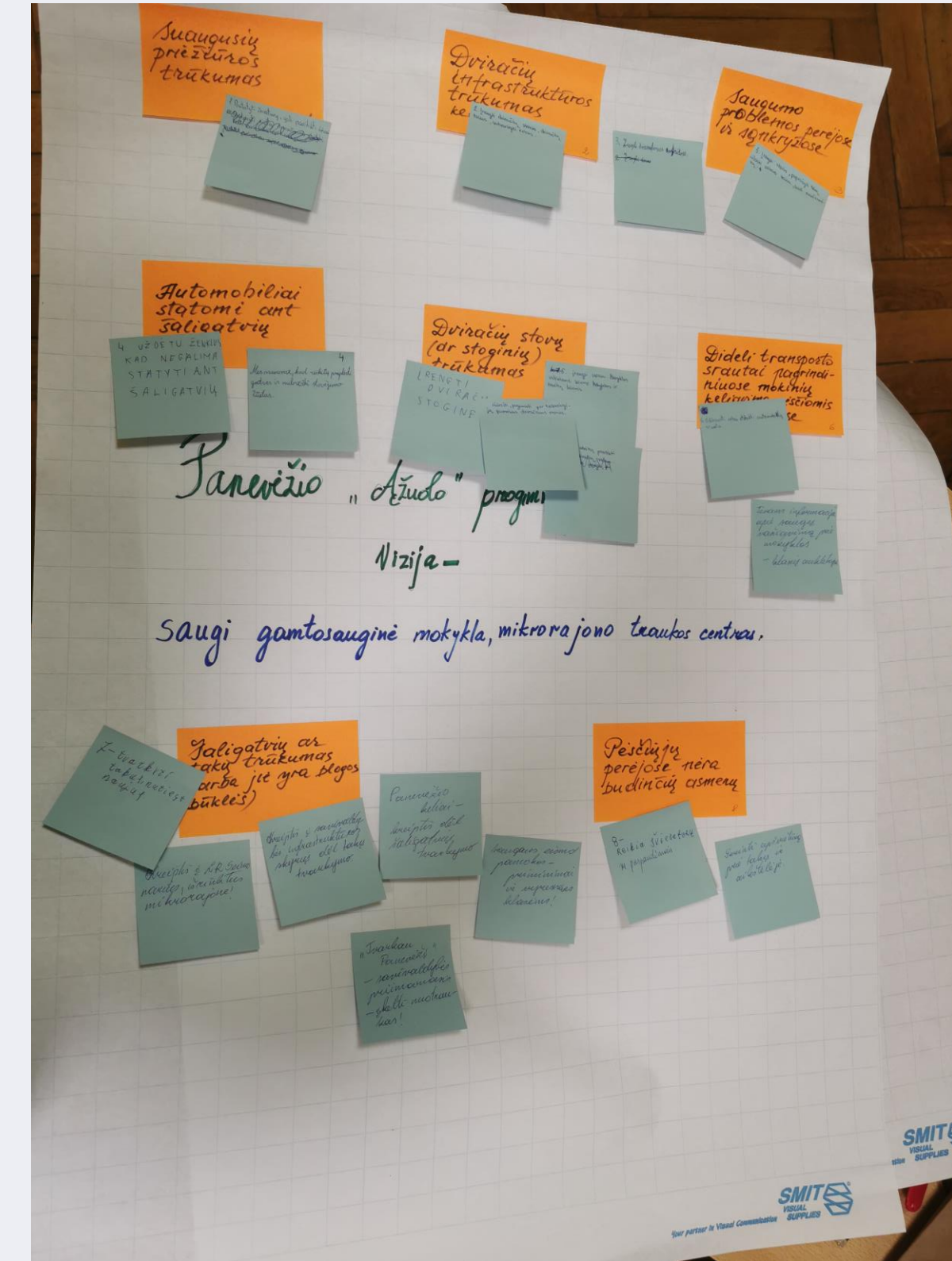
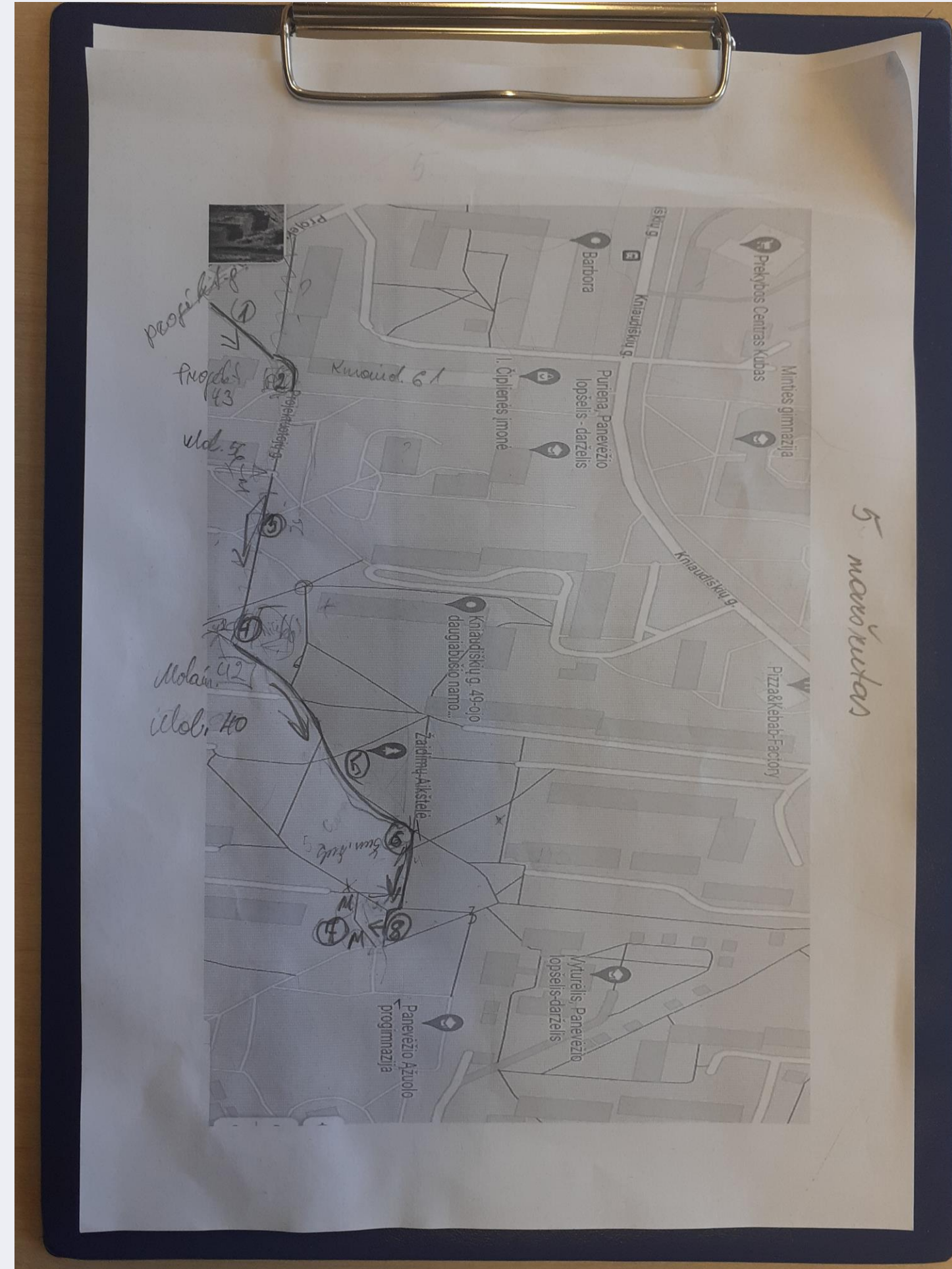






Engagement methods

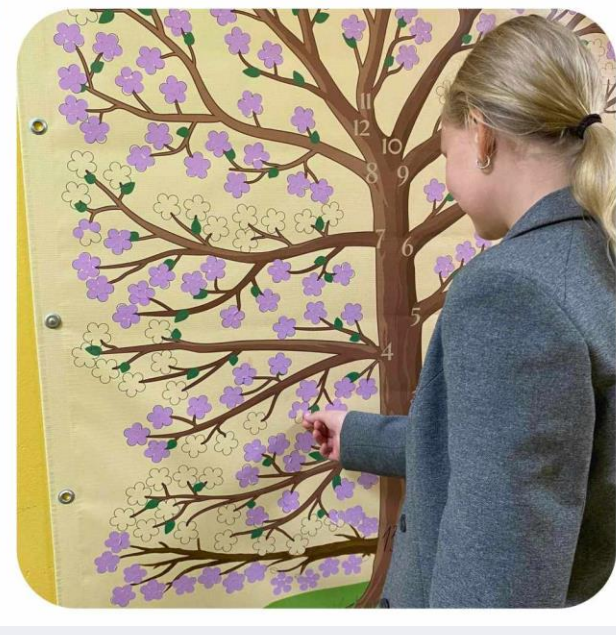
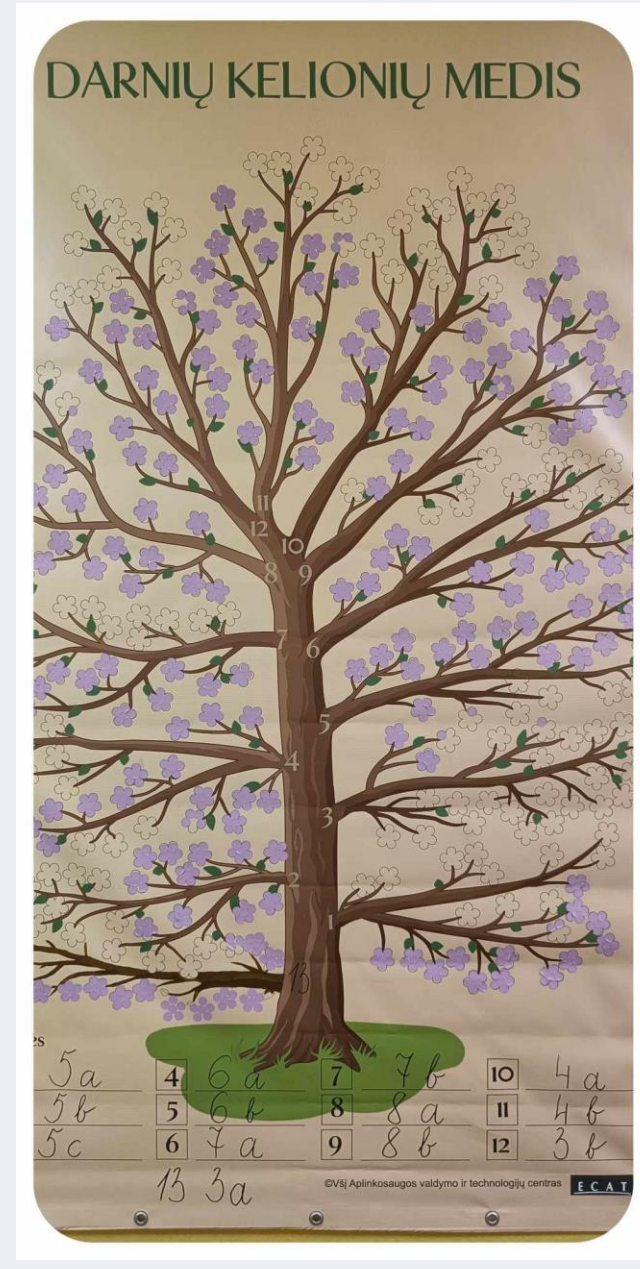
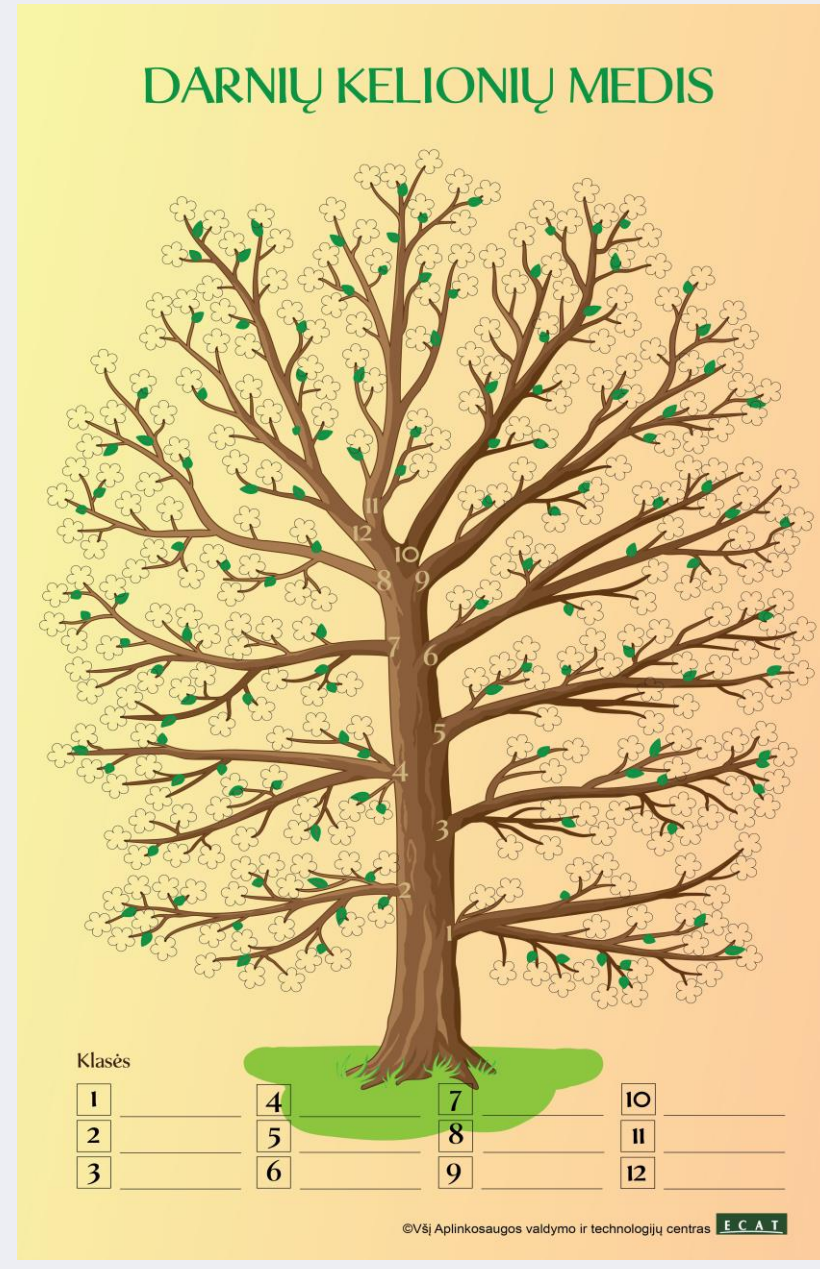
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The main outcomes



**SHARED
GREEN
DEAL**



PANEVĖŽIO „AŽUOLO“
PROGIMNAZIJOS

DARNAUS JUDUMO PLANAS iki 2028

Aplinkosaugos valdymo ir
technologijų centras
2023

REKOMENDACIJOS

KELIONĖS Į MOKYKLĄ PLANŲ RENGIMO REKOMENDACIJOS

Kelionės į mokyklą planas – tai edukacinė ir mokomoji eismo priemonė, skirta skatinti mokyklos bendruomenę ir ypač jaunuosius miesto gyventojus rinktis darnius kelionių būdus po miestą. Šis planas sujungia visas mokykloje keliamas judumo idėjas ir mintis, bei atveria galimybes mokiniams išreikšti savo požiūrį apie susisiekimą mieste, įvardinti judumo iššūkius iš savo perspektyvos.

Galimi kelionės į mokyklą plano tikslai:

1. Įvertinti pagrindinius mokyklos bendruomenės susisiekimo būdus, prioritetą teikiant viešajam keleiviniam ir bevarikiam transportui ar aplinką mažai teršiančiam transportui;
2. Ugdyti mokyklos bendruomenės narių darnius judumo įpročius;
3. Didinti mokyklos aplinkos patrauklumą, gerinti gyvenimo kokybę ir bendruomenės sveikatą;
4. Didinti eismo saugą ir užtikrinti saugumą;
5. Mažinti oro užterštumą, triukšmą, šiltnamio efektą sukeliančių dujų išmetimą ir energijos vartojimą;
6. Perduoti mokyklos bendruomenės lūkesčius susisiekimo tema atsakingoms institucijoms.

REKOMENDACIJOS

Šios rekomendacijos yra tik vienas iš žingsnių, kurių reikia siekiant skatinti mokinių darnų judumą. Svarbu, kad šios gairės taptų naudojamu įrankiu sprendimų priėmėjams, be kurių aktyvus įsitraukimo nebus pasiektas laukiamas pokytis ir įgyvendinti numatyti darnaus judumo tikslai.

Darnaus judumo skatinimas tarp mokinių yra ilgalaikis procesas, reikalaujantis kompleksinio požiūrio ir nuoseklaus politikos įgyvendinimo. Panevėžio miesto sprendimų priėmėjai, įgyvendindami šias rekomendacijas, gali žymiai pagerinti mokinių kelionių į mokyklą saugumą, ekologiškumą ir patogumą. Aktyvus bendradarbiavimas su įvairiomis suinteresuotomis šalimis ir nuolatinis tobulėjimas leis Panevėžiui tapti darniu ir pavyzdiniu miestu, kuriame mokiniai gali laisvai ir saugiai judėti.

Rekomendacijas parengė Panevėžio „Ažuolo“, „Beržų“ ir „Rožyno“ progimnazijų moksleiviai ir mokytojai kartu su VšĮ Aplinkosaugos valdymo ir technologijų centru, įgyvendinant projektą „Mokyklos už darnų judumą Panevėžio mieste“.

REKOMENDACIJOS

DARNIAI KELIAUJANTI MOKYKLA

REKOMENDACIJOS PANEVĖŽIO MIESTO VADOVAMS DĖL MOKINIŲ DARNAUS JUDUMO SKATINIMO

Mokyklų darnaus judumo planai yra nauja iniciatyva Panevėžyje. Šiais planais siekiama supažindinti jaunuosius eismo dalyvius su darniu judumu, skatinti aktyvų mokyklos bendruomenės formavimą, bendrų tikslų kėlimą, įtraukiant į planavimą visų klasių mokinius ir įvairių sričių mokytojus. Mokyklos darnaus judumo planas apjungia visas mokykloje keliamas judumo idėjas ir mintis, bei atveria galimybes mokiniams išreikšti savo požiūrį apie susisiekimą mieste, įvardinti judumo iššūkius iš savo perspektyvos.

Mokyklų bendruomenės, augindamos jaunuosius judumo dalyvius, supranta savo atsakomybę formuoti darnius moksleivių judumo įpročius, tuo pačiu prisidedant prie miesto strateginės krypties įgyvendinimą 2018 m. patvirtintą Panevėžio miesto darnaus judumo planą. Šiame plane numatyta kurti geresnę ir sveikesnę miesto aplinką, siekti aplinkosauginės, socialinės ir ekonominės darnos mieste, užtikrinti šiandieninius ir rytojaus Panevėžio miesto judumo poreikius, o mokyklų bendruomenės ypatingai laiko save kaip svarbią to dalį, prisidedančią prie bendro darnių kelionių pasiskirstymo mieste augimo.

Mokyklų bendruomenės parengė šias rekomendacijas Panevėžio miesto sprendimų priėmėjams ir kitoms suinteresuotoms šalims siekdamas sklandaus tarpusavio bendradarbiavimo, noro padėti įgyvendinti miesto darnaus judumo tikslus ir skatinti jaunąjį judumo kartą atsakingai rūpintis mus supančią aplinką ir klimato kaita.

Changes after the social experiment

- **Increased awareness and understanding** of sustainable travel among schools
- There are **tangible shifts** in travel behavior among some teachers and students
- Demonstrated **willingness from schools** to collaborate with municipal administration might lead to constructive dialog and cooperation in the future.
- **Children's enthusiasm** and idea-sharing might foster the potential spread of sustainable practices to other schools and the city's mobility system.



Time for questions



Insights on Good Practices and Strategies to Achieve Real Changes



Iván Tosics

MRI

Innovative tools for achieving a more sustainable school mobility

Building periscopes in Braga (Portugal)



Working on the survey in Galway (Ireland)

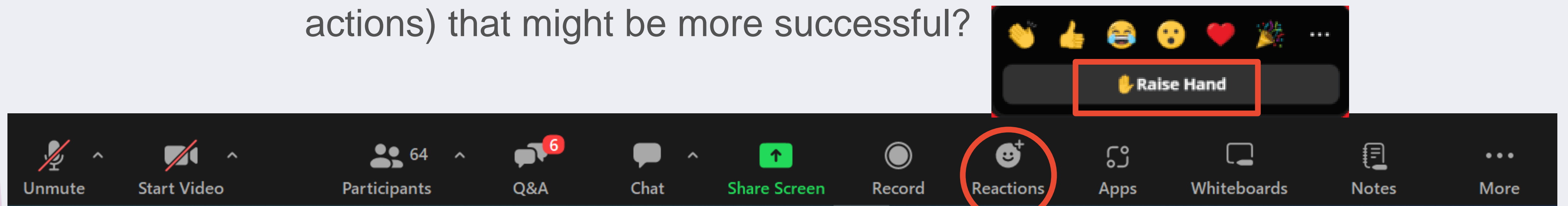
Mobility game in Panevezys (Lithuania)



Preparing post-boxes for „my dream of going to school” in Sofia (Bulgaria)

Discussion questions on outcomes and replicability

- Do you have any **innovative tool/method/strategy** used for achieving a more sustainable school mobility, differently from the cases shown?
- **Is it possible** to achieve real changes in school mobility with these innovative solutions? If yes, what are the pre-conditions of success?
- If not, what do you see as the main **barriers**?
- Are there any **other types of interventions** (e.g. guerrilla actions) that might be more successful?





Wrap Up



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101036640.

SHARED GREEN DEAL Network

SHARED GREEN DEAL will create a **network of individuals and organizations** interested in the use of Social Sciences and Humanities research to support EU Green Deal ambitions.

The network will **run events and disseminate resources over 2025-2029**. This will provide opportunities to **build the capacities of the Network's members** and explore the sustainability and replicability of **socially innovative practices** for meeting climate change goals.



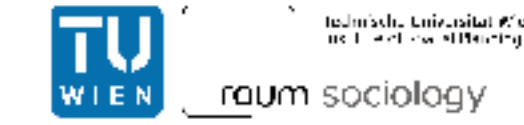
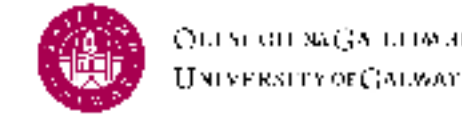
Be involved in the shaping of the network!

Your inputs are essential in ensuring that the network is tailored to support the needs of groups such as **NGOs, municipalities and researchers** (and beyond) effectively



Thank you very much for joining us!







This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101036640.

Accelerating sustainable mobility with future generations



25th March 2024 11.00-12.30 CET