



METAMORPHOSIS

Metamorphosis

Transformation
of neighbourhoods
in a child-friendly way
to increase the quality of life
for all citizens

“The Highlights”



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 723375

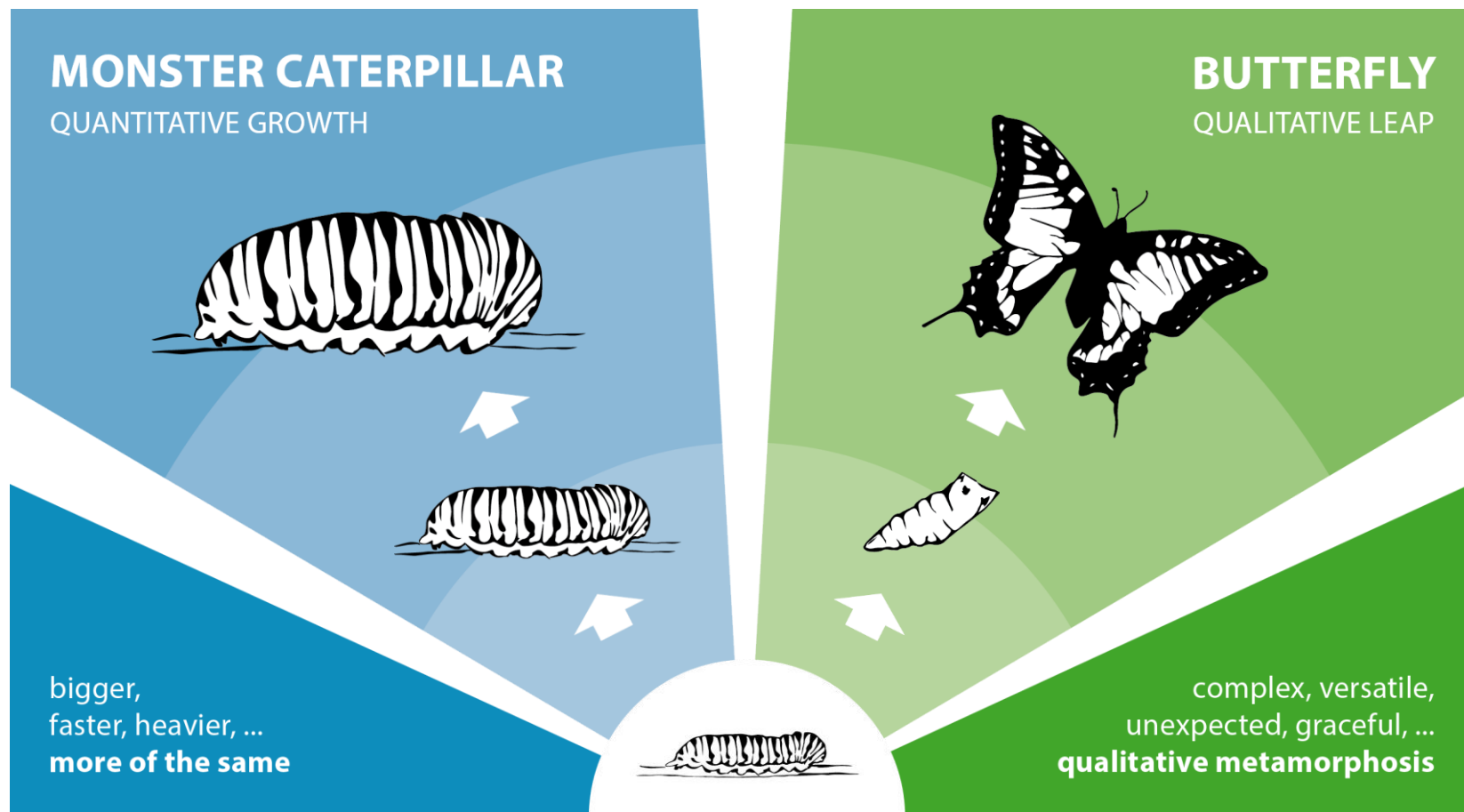


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QUANTITATIVE growth

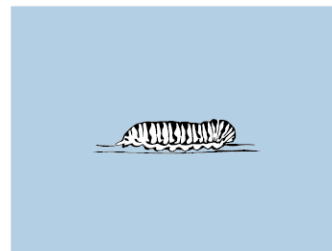
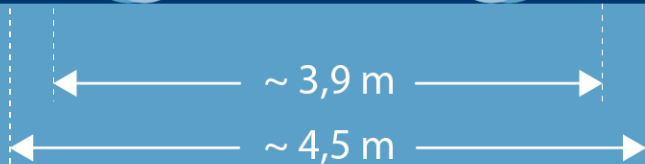
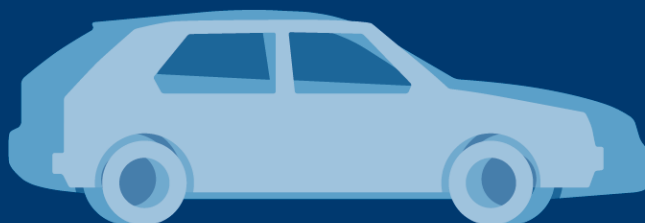


~ 3,9 m



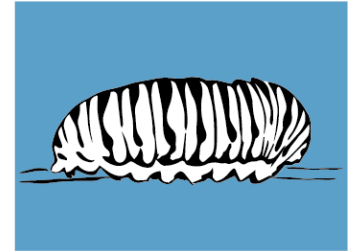


QUANTITATIVE growth





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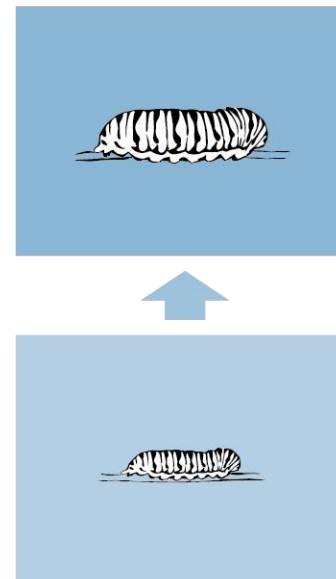
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QUANTITATIVE growth



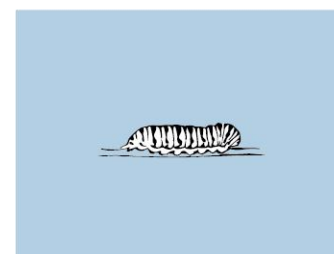


QUANTITATIVE growth





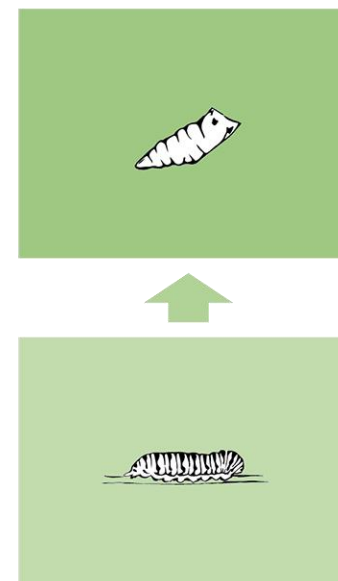
QUANTITATIVE growth





QUALITATIVE Metamorphosis





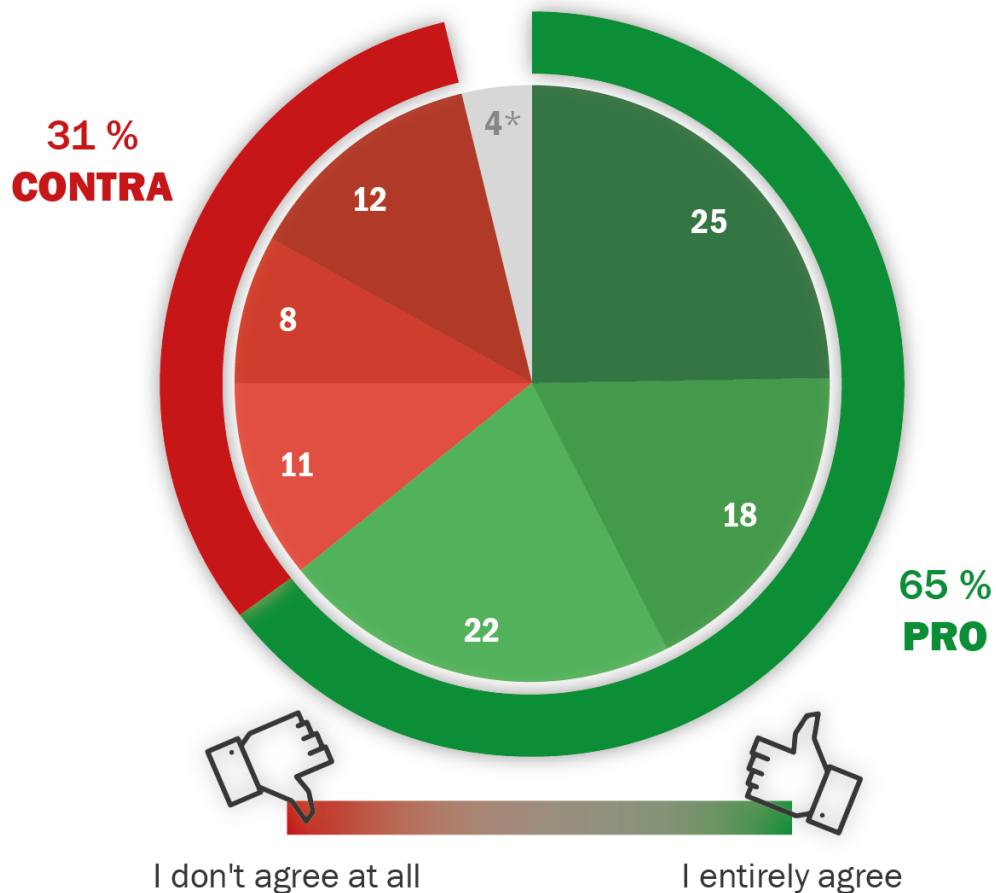


QUALITATIVE Metamorphosis

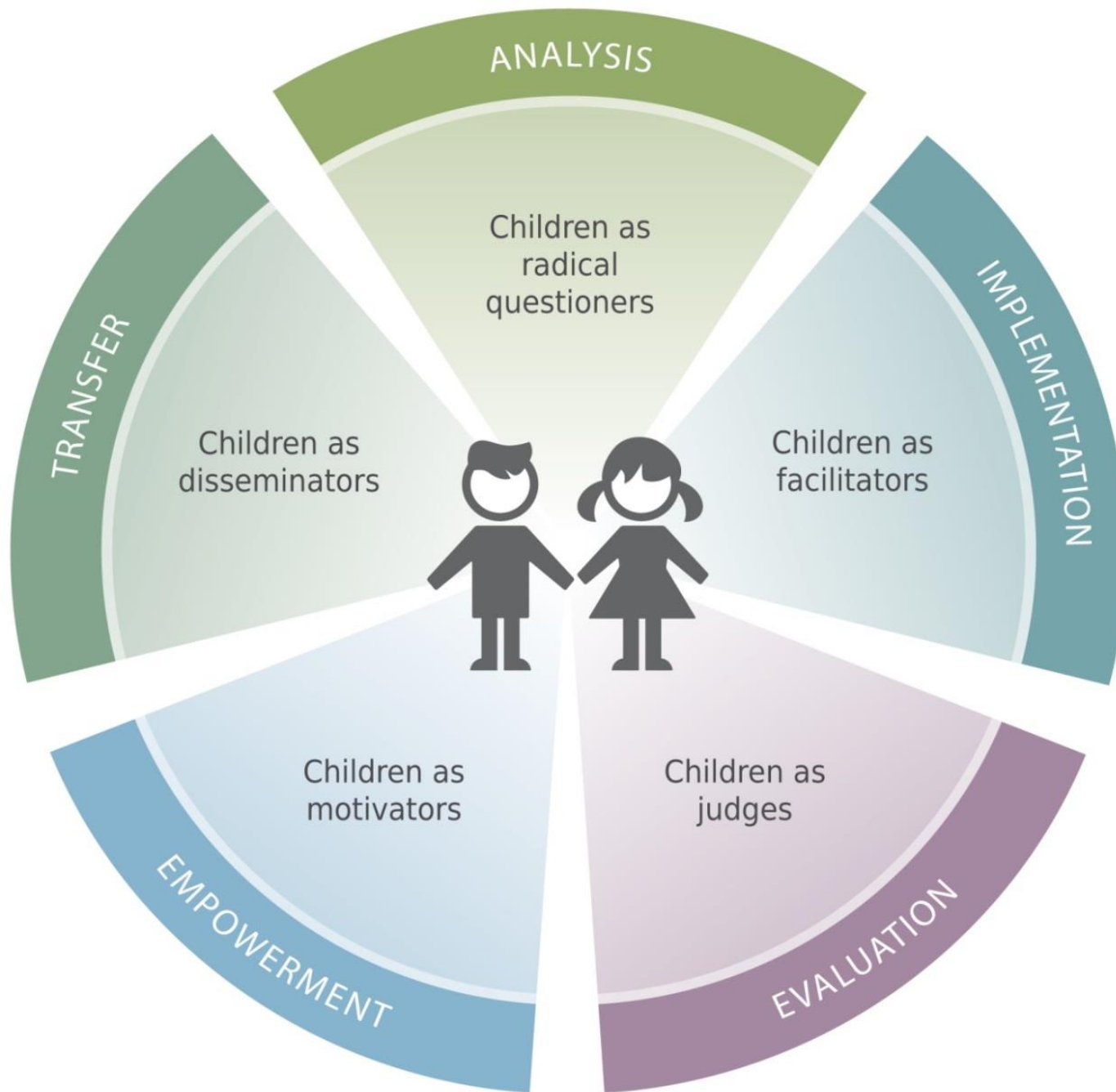




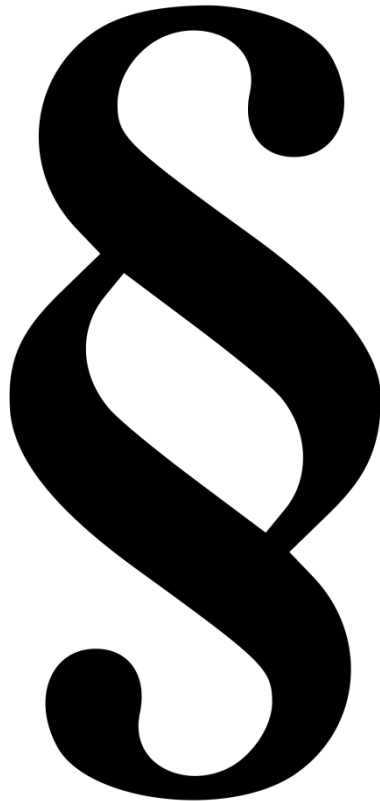
Should areas of motorized traffic be reallocated in favour of pedestrians and cyclists?



*not sure
N=2,011, survey of major German cities. Population from the age of 16. Figures in %, differences due to rounding if necessary
Data: ADAC (2019): Umfrage zu Zielkonflikten aus Sicht der Verkehrsteilnehmer. Durchführendes Institut: infas quo GmbH, Nürnberg



“The simplest indicator for the living quality in a city, is the number of children in the streets” Jahn Gehl

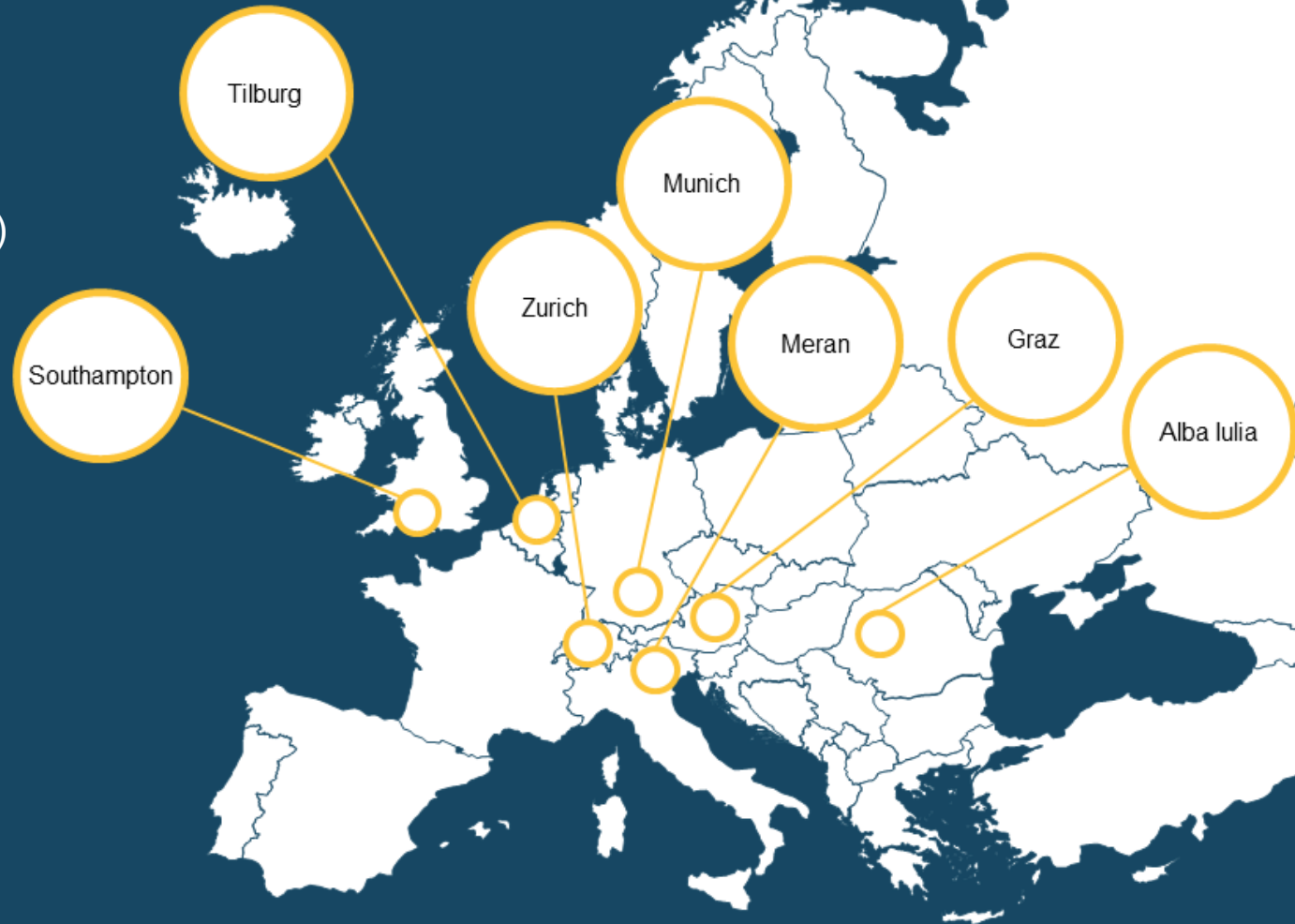


It was challenging....

- Ethic work package
- Informed Consent Procedures
- Data Protection
- Ethic approvals (different in every country)
- Special rules for children
- Independent ethic advisor

Project Partners

University of
Southampton (SOTON)
TU-Dresden
Breda University (Buas)



FGM-AMOR, Graz
Synergo, Zürich
Ökoinstitut, Bolzano
Lendwirbel, Graz

Activity Fields



Temporary
street
openings



Interventions
in public
space



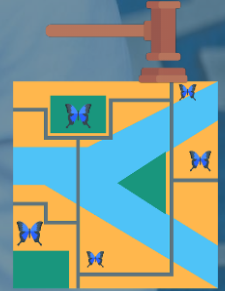
Educational
tools



Empower
active
mobility



Crystallisation
points



Planning
procedures
and
integration
in SUMP



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...to ease Community Street- Openings - Southampton





School environment scan & Safe to school

City of Tilburg





School Street Model Bolzano/Merano „Traffic-Acupuncture“

To free streets in front of the schools for 15–30 min in the mornings/afternoons



Verkehrsaufkommen vor der Schule



Crystallisation Point - Urban Gardening

City of Alba Julia, City of Graz, City of Meran



Walking Trees – City of Munich



Skater ramp – to fight against illegal car parking (Meran)





The street as an extended school / play area, and as Livin' Lab for a new space distribution





Reclaim streets for one day:

e.g. Car Free day, parking day, special local days

Several days and regular street openings:

e.g. mobility week, energy week etc.

Permanent freeing from car traffic for school hours:

e.g. living lab – open school streets without cars during school hours

Integration of traffic calming in the school lessons:

Integration into teaching lessons, exercises, homework

Inspire activities in residential areas near schools:

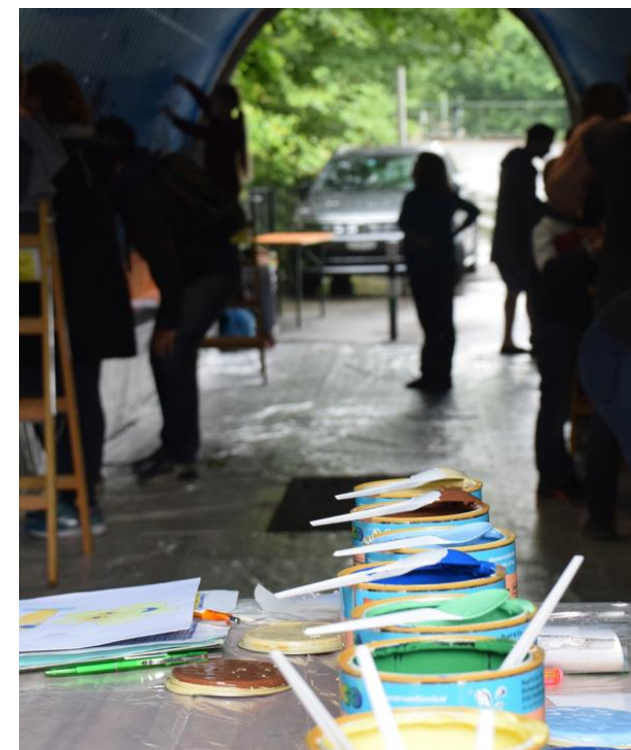
The know how travels home via home work eg. awareness raising for home zones





City of Zürich

Neighbourhood analysis / Share point / Tunnel painting





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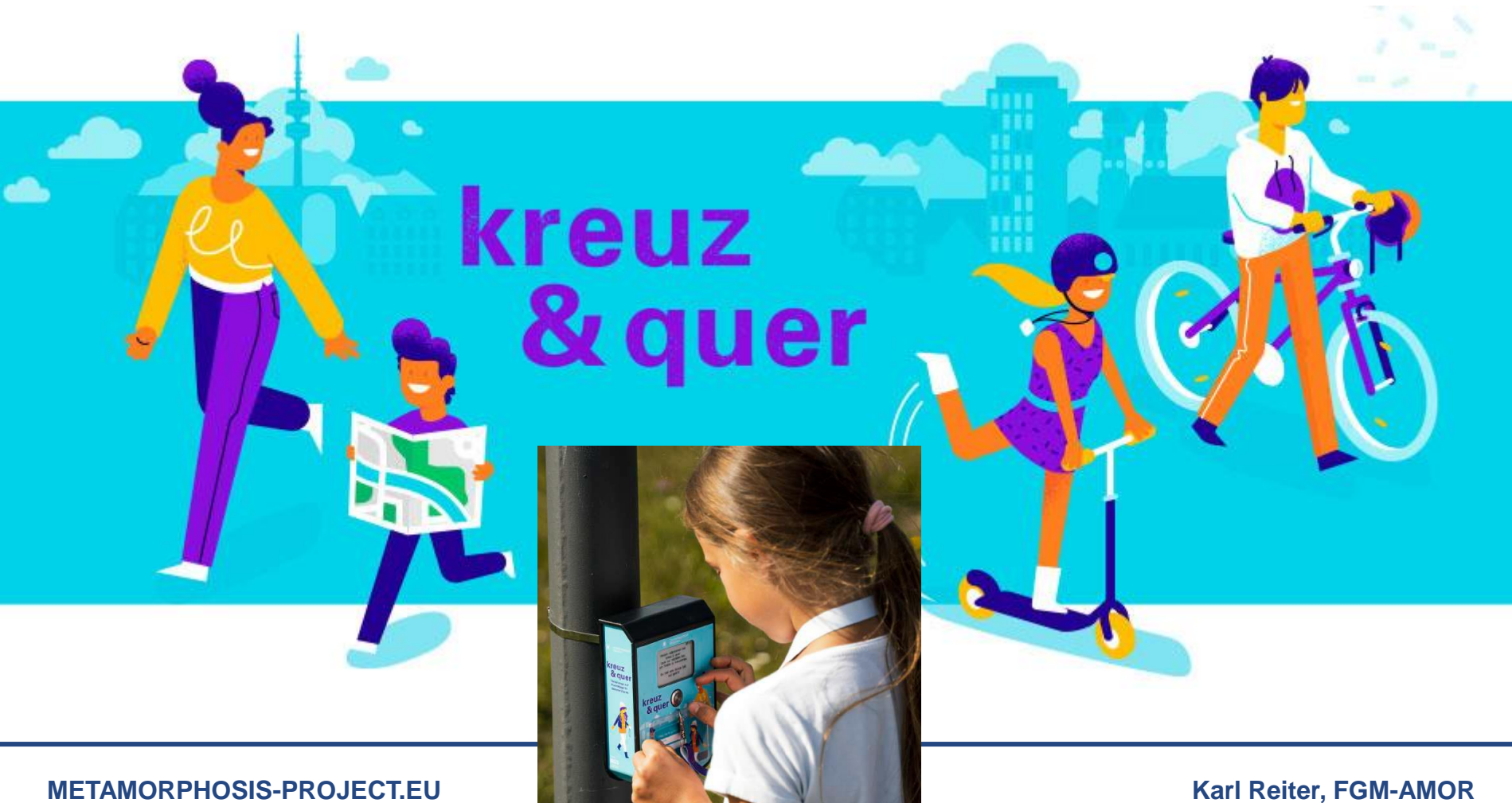


On street lesson in arts and handycrafts



Gamification to promote active mobility (Munich)

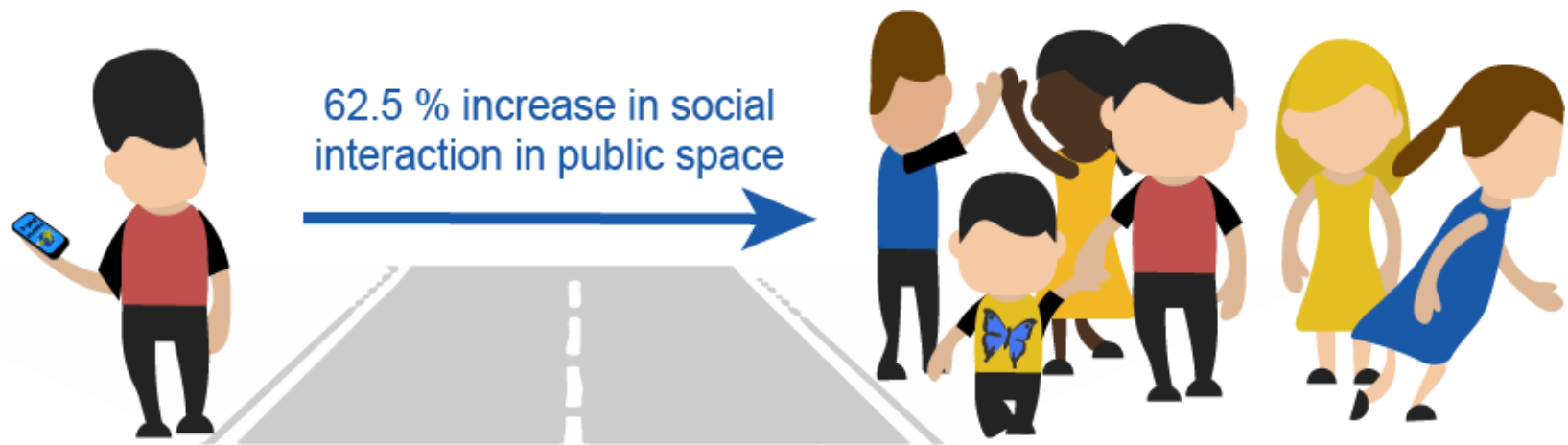
Collect kilometres by food, bike and skateboard and get a reward!





Outcomes

- number of children playing in the street increased by 54 percent
- increase of children walking (80%) or cycling and scooting (31%)
- 6062 people of all ages and up to 82 (\bar{X} = 12.3 years) years played kreuz & quer
- 2019 May - July, participants walked, cycled a total of 72000km





Hybrid zones – Neighbourhood Breakfast Graz





Moveable parking space transformer





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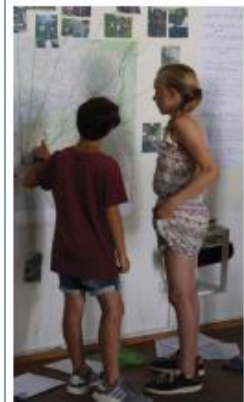
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METAMORPHOSIS FACT SHEETS

Zurich

Implemented measures of the Metamorphosis Project 2017 - 2020



METAMORPHOSIS FACT SHEETS

Interventions in public space

Implemented measures of the Metamorphosis Project 2017 - 2020



METAMORPHOSIS FACT-SHEETS

Selection of the implemented measures of the Metamorphosis Project 2018 - 2020



What you will find !

- Short description
- Outcomes
- Impacts
- Process information
- Costs, effort
- Application area
- Valuation
- Recommendations
- Contact to the Implementers

STREET OPENINGS - MERANO

Three street opening took place in Merano where the street was opened out to people, and closed to cars. One was organised by the children's council, involving many games. The other two were organised together with local shops and took up the themes of sport and music. The shops were invited to present their goods or services on the street and engage people.

Outcome

Hundreds of participants, young and old, experienced how an urban street can become a play-ground and good meeting place. There was speciality food tasting, an open air hairdresser, and an outdoor cosmetics shop. There was also a sewing workshop, where leftover fabric was processed into environmentally-friendly shopping bags.

Impact

Child-friendly



Increased of neighbourhood



Revitalisation of cycling and walking



Through activities, children were able to use the street space, which was closed for traffic. The closure was only temporary though.

A street closure brings people together, especially from the neighbourhood. The involvement of local shops helped to bring the neighbourhood inhabitants closer.

A traffic-free zone is a good opportunity to try out different non-motorised vehicles. Lots of participants came by bicycle or on foot.

Process

1. Discuss the idea with the city council and youth workers (on how to involve children).
2. Set dates for the closures and check with police and local groups, and involve them.
3. Development of the programme.
4. Get the permit.
5. Open discussion with critical voices and local neighbours.
6. Carry out the closure.
7. Monitor and evaluate.



Average effort, collectively - two man-weeks or more.



Potentially city-wide application.



Costs depend on what is organised and how big the event is.

Valuation

A street opening is a good measure to give people an idea of how traffic-reduced areas can look like. It is easy to carry out. However, it is important to repeat the measures and include as many shops and restaurants as possible.

Recommendations

1. Plan in advance to receive the permit in time. Also involve all partners from the beginning.
2. Choose a suitable square or street section.
3. Inform all inhabitants (via flyers, talking to them, posters, social media)



für Straßentransformation
in Nachbarschaften



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www.metamorphosis-project.eu

Download the
brochure
in 10 languages
from the
METAMORPHOSIS
website

and

- Info- Graphs
- Presentations for
every activity field



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***Let's establish a
new “normal”***

J.Gehl / Mikael Colville Andersen



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Thank you!



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