



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



Metamorphosis

20 good reasons for street transformations in neighborhoods

Karl Reiter, Austrian Mobility Research FGM-AMOR



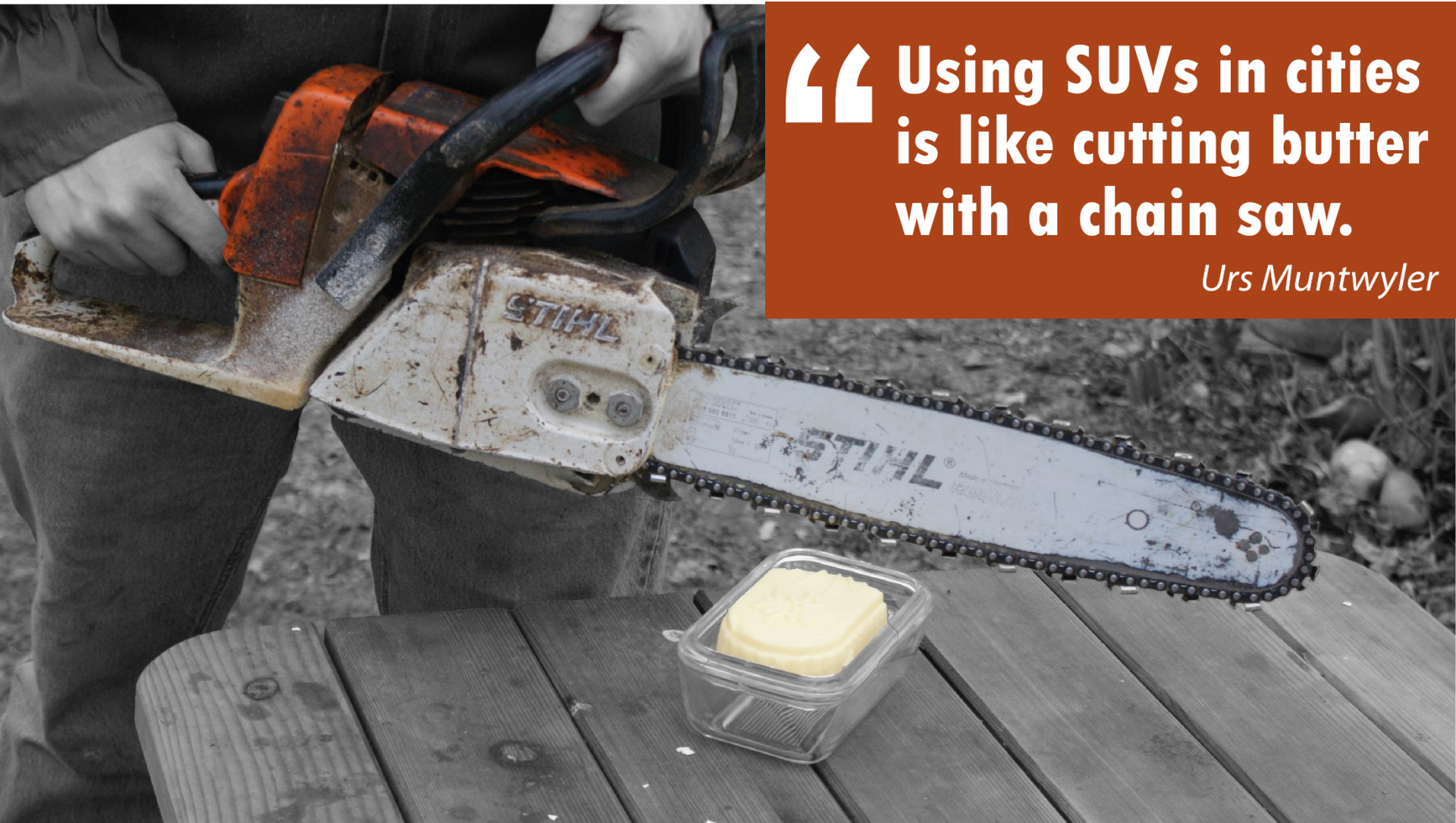


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“ Using SUVs in cities is like cutting butter with a chain saw.

Urs Muntwyler



We have accepted that...

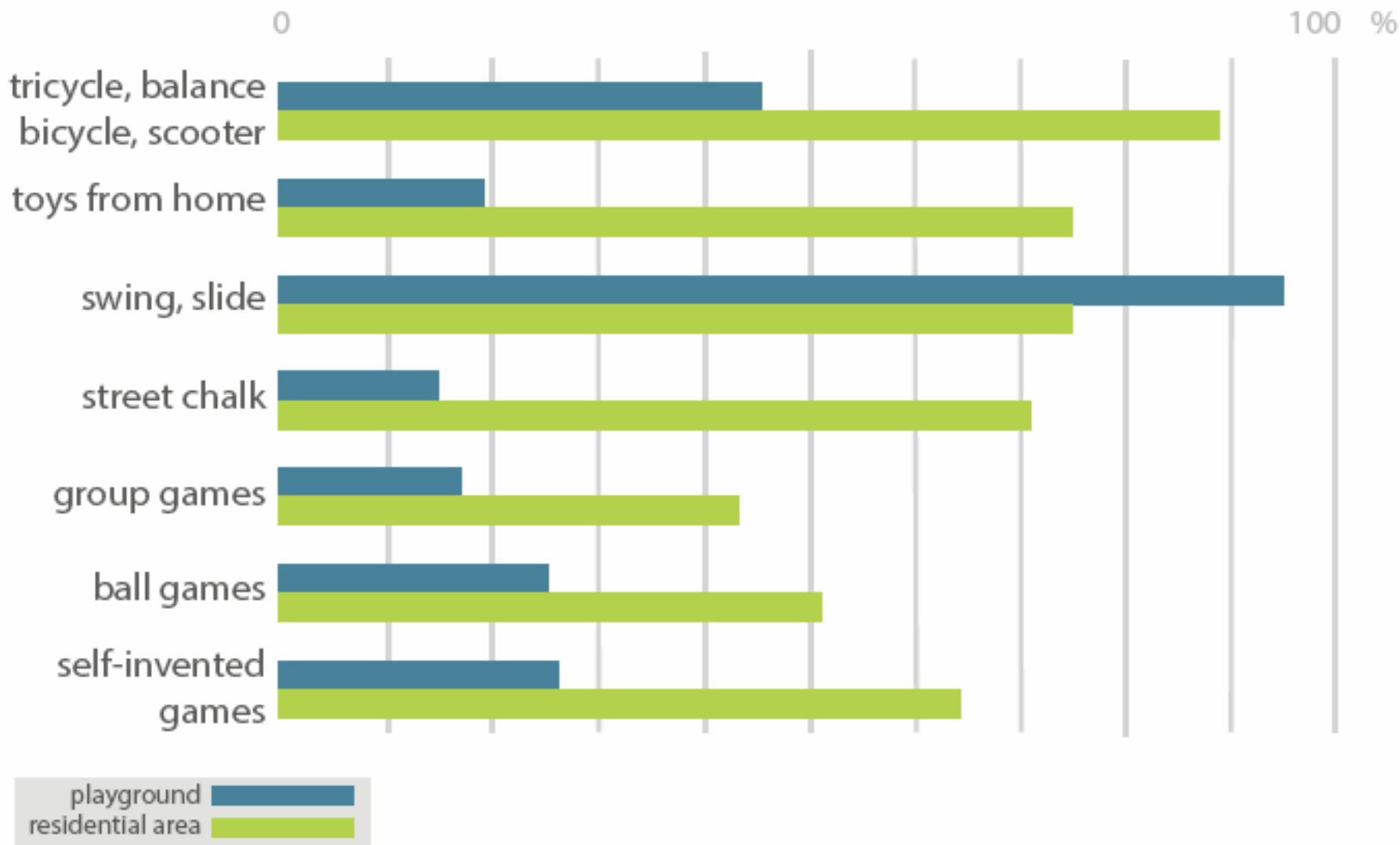
- Children have disappeared from City streets
- Children are banned to "reservates" called playgrounds to play safe
- ...Yet 24/7 allowance for car traffic, even in front of schools and kindergardens
- > 90% of the space for stationary traffic is reserved for parked cars
- Traffic rules are mainly designed for the requirements of car traffic
- That cars are a big source of danger for our children



The Scooter....my tool to explore the streets in the 60's



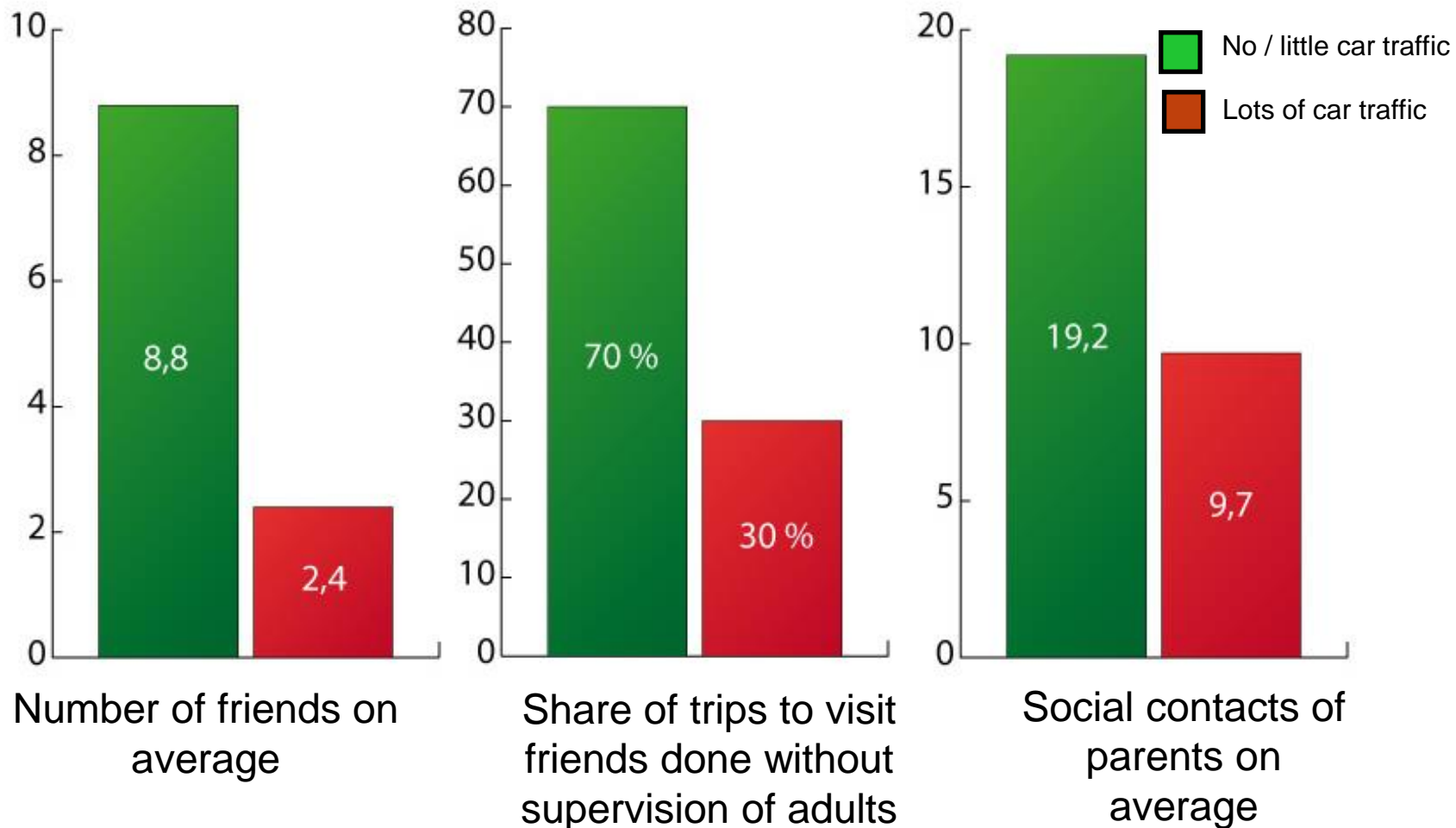
Where and what do children prefer to play?





Home zones generate friendships

5 year old children and their parents





School Street Model Bozen/Meran „Traffic-Acupuncture“

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

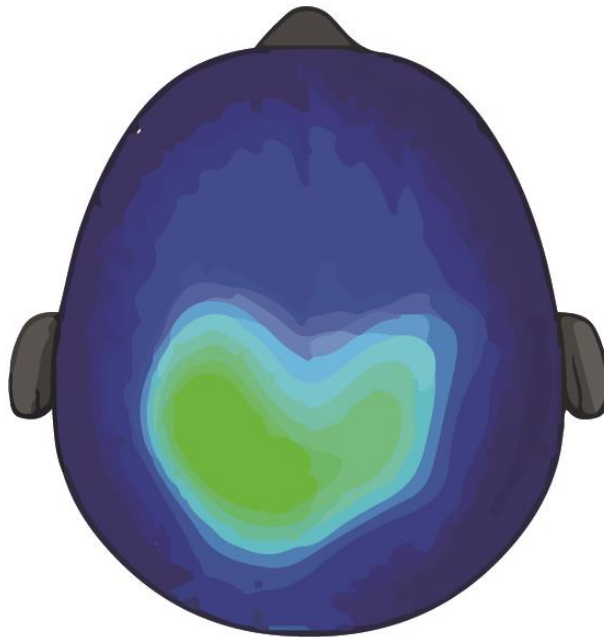




On street lesson in math's on a 7 to 5 school street

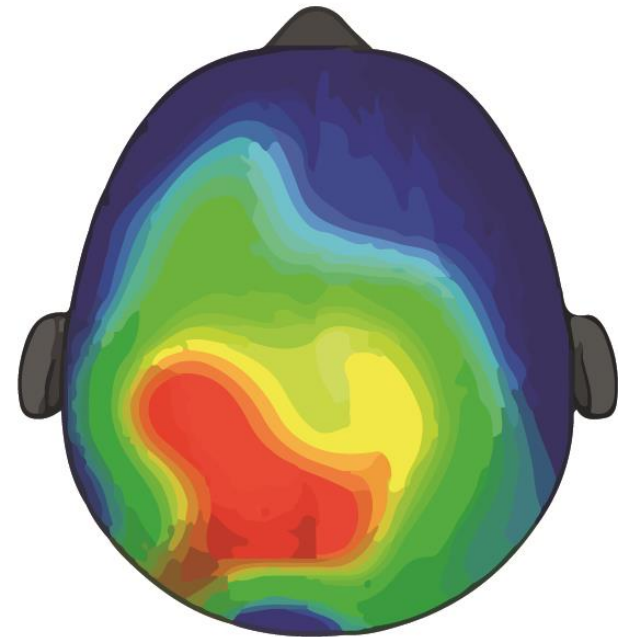
Nach 20 Minuten ruhigen Sitzens

After 20 min sitting quiet



Nach 20 Minuten gehen

After 20 min walking



* Source: Charles Hillman, and Hillman et al. (2009), in *Neuroscience*

Blau = geringere neuronale Aktivität / lower brain activity

Rot = höhere neuronale Aktivität / higher brain activity

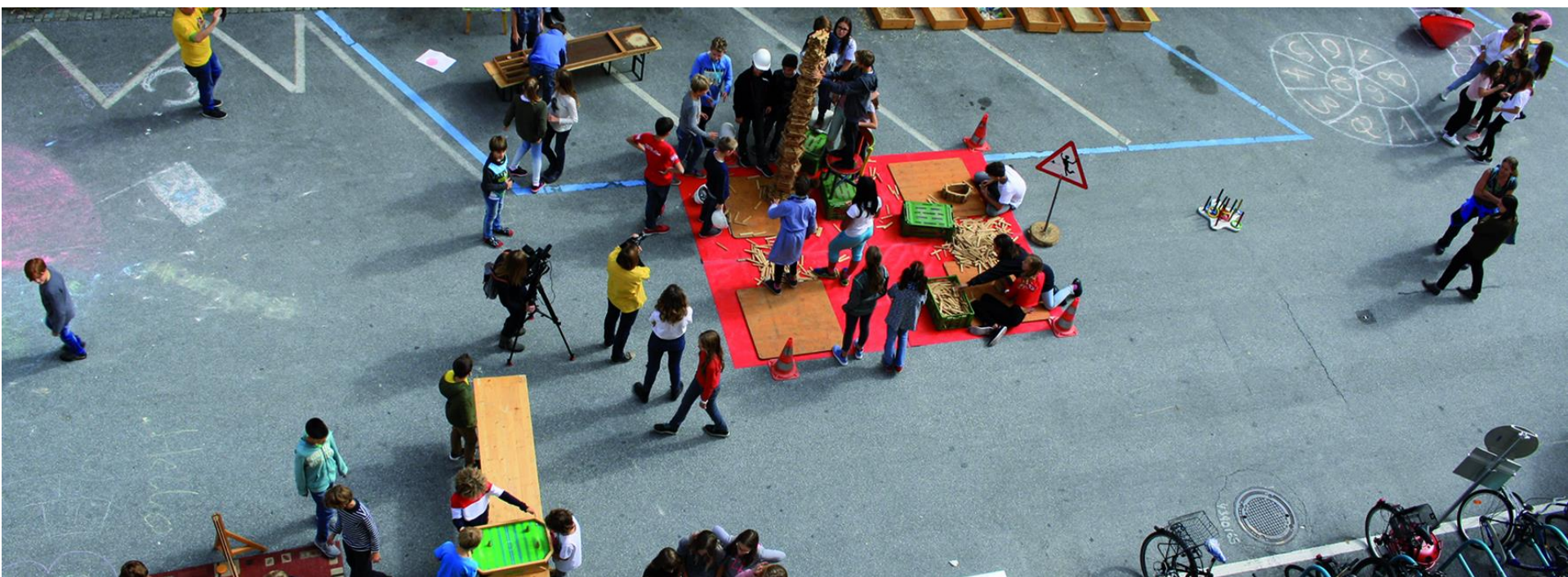


Make use of the visionary power of children for public space transformations





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





Space for Children or for cars



16

Parking lots

or



Temporary school street
Marshallgasse , Graz



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



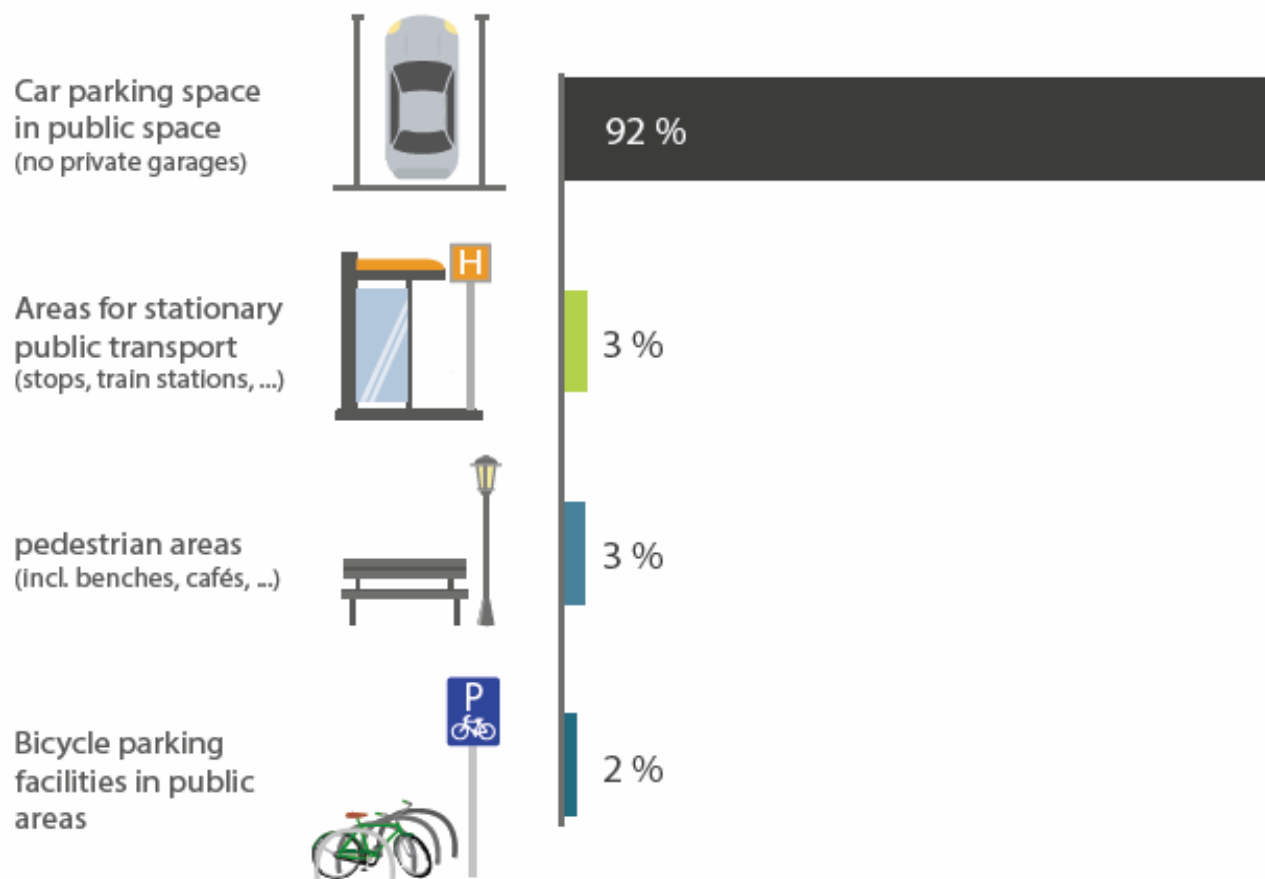




On street lesson in arts and handycrafts



Spatial distribution of stationary traffic (Graz AT)



Source: Holding Graz, Parkraumreferat (2016)
Graph: © FGM-AMOR (2019)





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***Let's establish a
new “normal”***

J.Gehl / Mikael Colville Andersen



20  **GUTE GRÜNDE**

für Straßentransformation
in Nachbarschaften



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www.metamorphosis-project.eu

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brochure
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In 10 languages



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Thank you!



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Duration 3,5 years (until end of Oct 2020), 12 Partners, 3,4 M€

Call: «New ways of supporting development and implementation of neighbourhood-level and urban-district-level transport innovations»

Implementing Cities

Munich (DE)

Zürich (ZH)

Southampton (UK)

Graz (AT)

Tilburg (NL)

Alba Julia (RO)

Meran (IT)

Workpackages, and responsible partners

Management FGM-AMOR (AT)

User Involvement and Analysis

University of Southampton - SOTON (UK)

Innovative Concepts FGM-AMOR

Implementation Trials – SYNERGO Zürich (CH)

Capacity Building

Breda University of Applied Sciences Buas (NL)

Monitoring & Evaluation

University of Technology / Dresden (DE)

Communication & Dissemination

Ökoinstitut Südtirol (IT)

Ethics requirements - FGM-AMOR/SOTON



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The
Un
pr

Metamorphosis

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

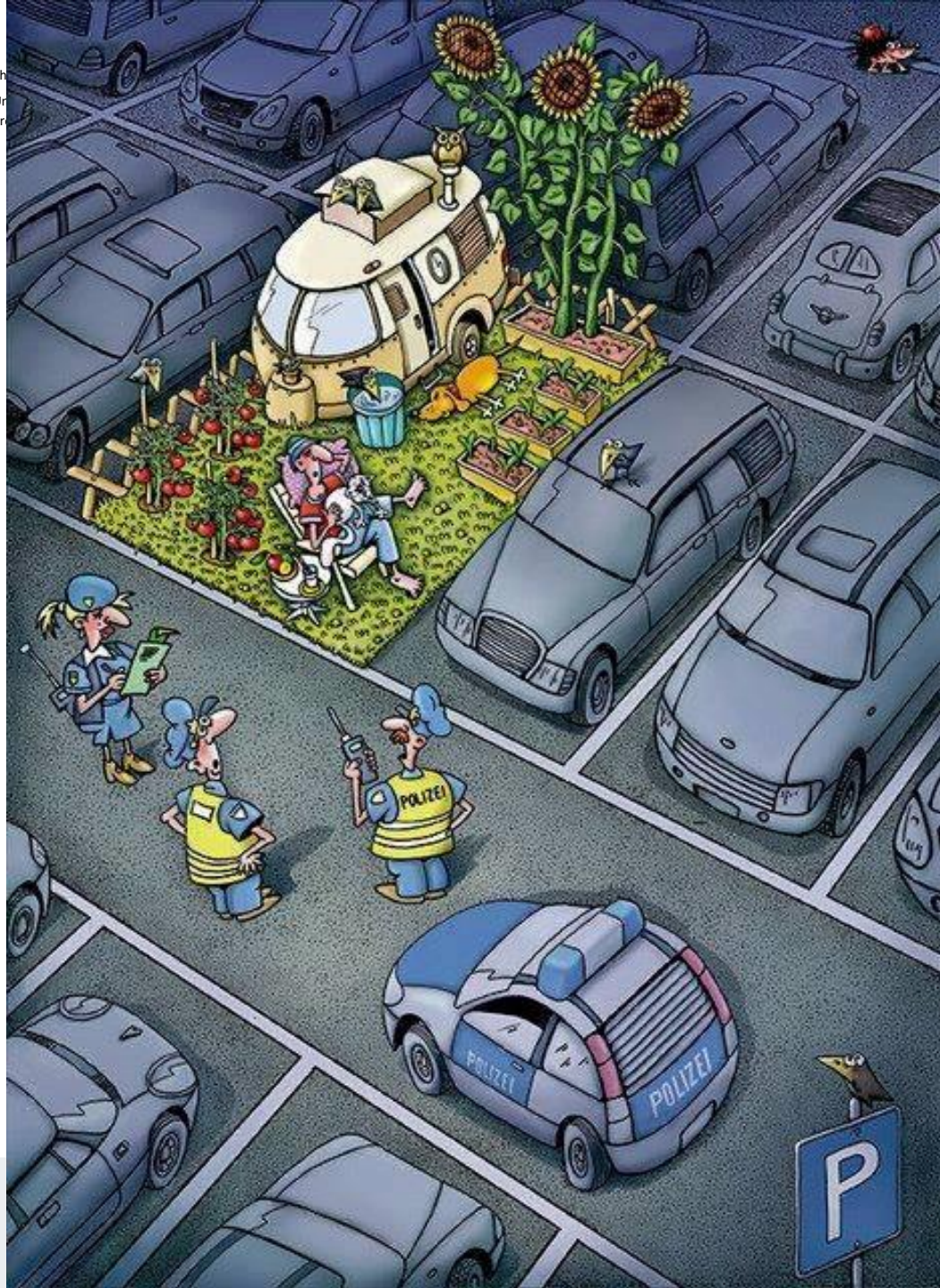
Project reference: 723375

Topic: MG-4.5-2016

Call: H2020-MG-2016

Duration: 01/06/2017 to 31/05/2020

Funding scheme: RIA



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