

Regulating Vehicle Access for improved Livability

The UVAR development story in Bielefeld

Lisa Marie Brunner, Sustainable Urban Mobility Consultant

Rupprecht Consult



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Summer 2019 -2022









- Medium-sized city in North Rhine-Westphalia (Germany) with 340 000 citizens
- Pilot area: Old town "horseshoe" area



Images: City of Bielefeld



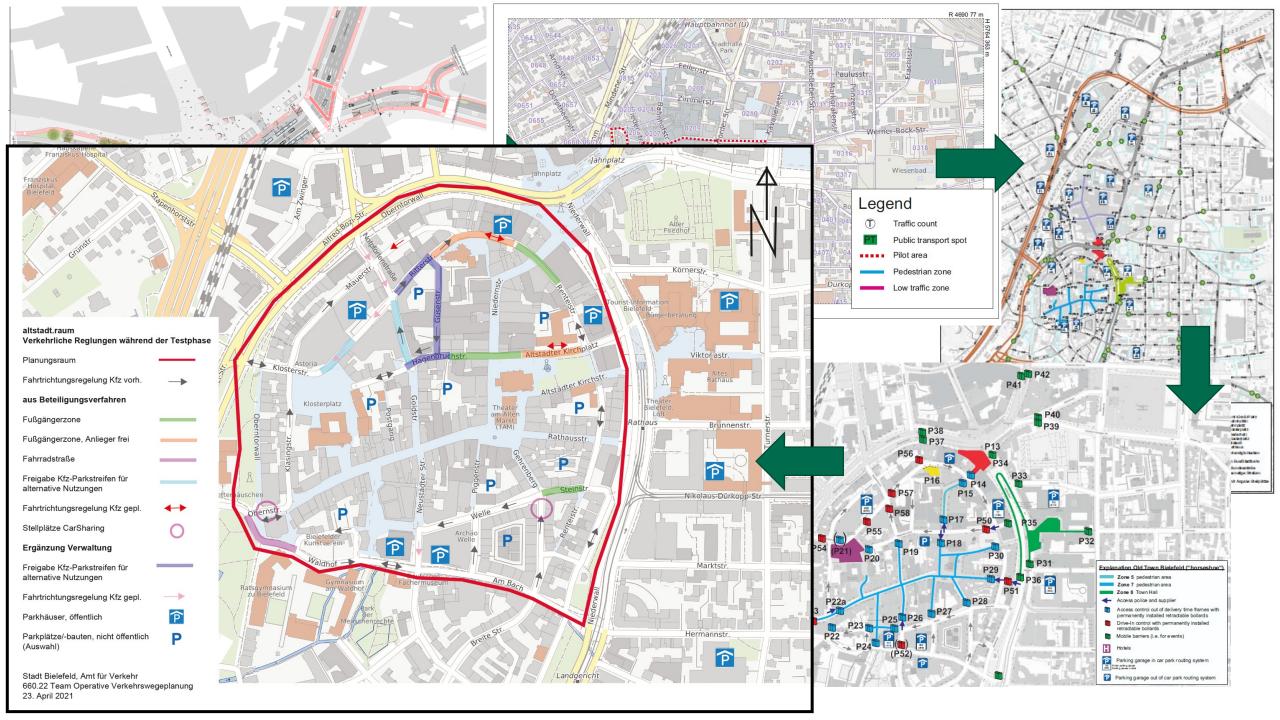


"Horseshoe area" in the old town

- No public transport in the area, but very well connected through close by "mobility hub"
- Pedestrian zones
- Narrow streets with little space for pedestrians and cyclists
- Lots of on-street parking and parking search traffic
- High levels of through traffic
- Challenge: ensuring delivery and access to businesses, restaurants etc, private parking garages, access for residents



Images: City of Bielefeld
/ Stadtarchiv Bielefeld



ReVeAL Mins

Comprehensive stakeholder

consultation

bis zum 21. März 2021

Die Beteiligung ist beendet

Vas ist Ihnen für die frei werdenden Flächen besonders wichtig? Iche Stellen halten Sie für eine Umsetzung der vorliegenden Ideen besonders geeignet? Haben Sie eigene Ideen oder Anregungen? Wie bewerten Sie die bereits vorliegenden Ideen?



Obermonwall

Boconcest

Boconcest

Talia

22

Macronical

Sosterplatz

Sosterplatz

12

Macronical

December 1

De

▼ Begrünung

▼ Packstation & Schließfächer

▼ Park- und Ladeflächen für Fahrräder

▼ Offene Bühne

▼ Tischtennis und Sandkasten

▼ Pop-up Kino

▼ Sitzgelegenheiten

▼ Stadtgeschichte erlebbar machen

▼ Smart Lighting

ReVeALing how to meet user needs & get the best public acceptance



June 15, 2021 | 4PM CEST GoToMeeting Webinar





15.03.2021 14:56

Kommentar
Die schon jetzt schmale
Ritterstraße/Hagenbruchstraße muss doch
weiterhin für Lieferverkehr in den
Morgenstunden befahrbar bleiben!...
>> auf Karte anzeigen

14.03.2021 12:08
Begrünung Ritterstraße
Sehr gerne würdich mir mehr Grünflächen in
dem gesamten Bereich wünschen. Sie haben
den enormen... >> auf Karte anzeigen



Images: City of Bielefeld / www.altstadtraum.de



Scenario workshops

Rupprecht Consult . 5r

Scenario building workshop | building blocks - Bielefeld



- Three workshops
- Different representatives from city: transport, environmental planning, communication, digitalisation, urban planning





1. Scenario: Temporary pilot (June-November 2021, "Verkehrsversuch")

"It is often difficult to introduce measures where it seems like something is taken away from affected people and there is great resistance against changes. This is why it is beneficial to implement spatial interventions with a direct and immediately visible impact and additional value for people". - Bielefeld UVAR design workshop

- Modal filters
- Pedestrian zones
- Reallocation of space from car parking space to other usage (seating, greening, gastronomy, bicycle parking)
- One-way streets
- Bicycle streets
- Carsharing spots
- Exemptions









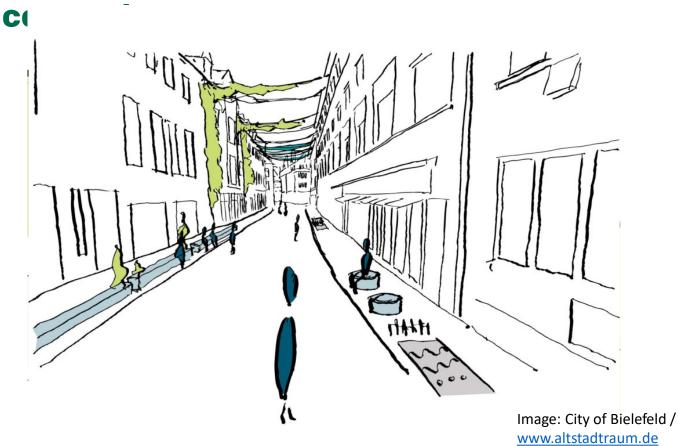


Images: City of Bielefeld / www.altstadtraum.de



- Shared spaces and pedestrian zones
- Cycling streets
- Modal filters
- Scheme timescale: time window
 - Differentiated costs for permits
 - Regulation by trip purpose
 - Aim: Zero-emission-logistics
- Exemptions
- Walk to school campaigns, promotion of alternatives

2. Scenario: Horseshoe as pedestrian zone with zero-emission delivery



"Cargo bikes will be part of the city logistics concept and will still be able to enter the horseshoe, even with bollards." - Bielefeld UVAR design workshop



3. Scenario: Reallocation of all parking space

- No public on-street parking
- Fewer / smaller car parking garages (and potentials of repurposing)
- Reallocation of all on-street parking spaces into other usage -> space for pedestrians, cyclists, bicycle parking, sharing, urban redesign, ... -> improving "quality of stay" & quality of space
- One-way streets and low speed limit
- Promotion & improvements of alternatives, especially for residents



"Parking and curb side management are important topics for every city. The reduction of parking spaces will be tackled through parking management in the next years. It is a highly controversial topic in local politics." – Bielefeld UVAR design workshop



What is to be ReVeAL-ed?

Thank you!

... also to our Bielefeld colleagues Oliver Spree and Olaf Lewald (Department for transport, City of Bielefeld)



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Image: City of Bielefeld