

## Situation

In Lustenau, the bicycle share is with 22% already above average - compared to the rest of Austria. Lustenau's mayor would like to raise this average to 30% and thus make Lustenau 'the most bicycle-friendly municipality in Austria'.

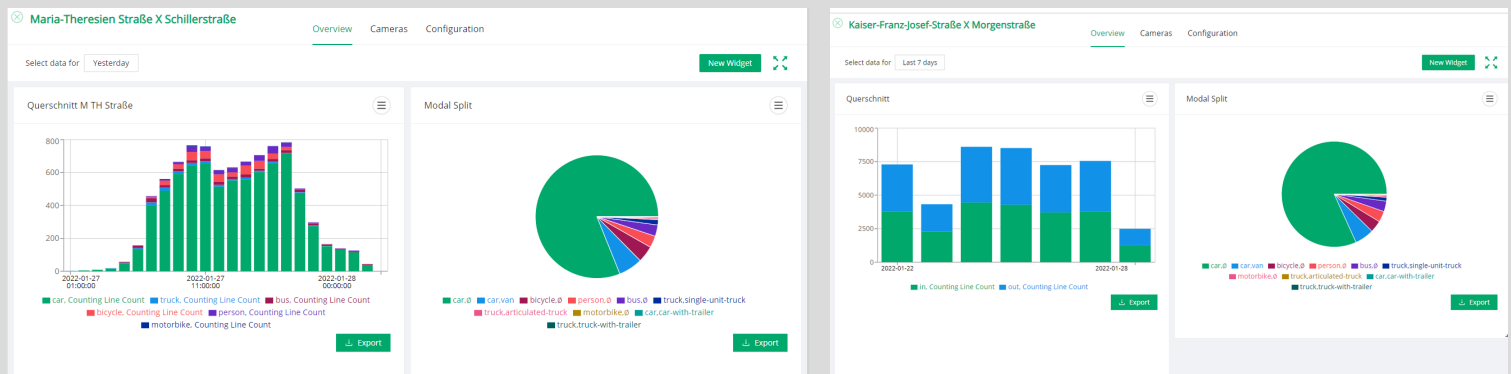
## Challenges

- ➡ Reducing transit traffic
- ➡ Minimization of traffic in the inner city
- ➡ Increasing the share of bicycle traffic
- ➡ Generally comprehensive gathering of real time traffic flow insights across the municipality
- ➡ Improvement of traffic and safety reliability to enable proactive urban development as well as traffic management



## Solution

- Installation of 14 sensors on the central axis in order to analyze traffic - around the clock and in real time
- Data can be easily accessed in cloud-based dashboard via any internet browser - this way, many departments of the administration can securely and easily access all needed data
- Analysis of how much commuter traffic is carried by bicycles
- Speed estimation/measurement in front of schools, preferably in unobserved moments
- Traffic flow optimization and informed city planning



## Results

- Overview over traffic proportions (transit traffic and non-transit traffic)
- Helpful insights to support creation of so called 'encounter zones' with a speed limit of 20 km/h: intended to increase the proportion of pedestrians and cyclists, while at the same time forcing transit traffic to use designated transit route
- Checking of how well road users comply with measures (bicycle prioritization, protected lanes, speed limits, etc.)
- Information about the percentage of vehicles that do not stop at crosswalks when pedestrian is present
- Information about usage of crosswalks vs. jaywalking

Would you like to extract usable information in real time? We are happy to show you how! For more details, simply send us an email or call us. We are looking forward to hearing from you!

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