# BIKE PAL

Sabine Krause
Gary Riggins

# Outline

- Cycling in Munich
- Objectives
- Project Idea
- Timetable
- Difficulties
- Partners

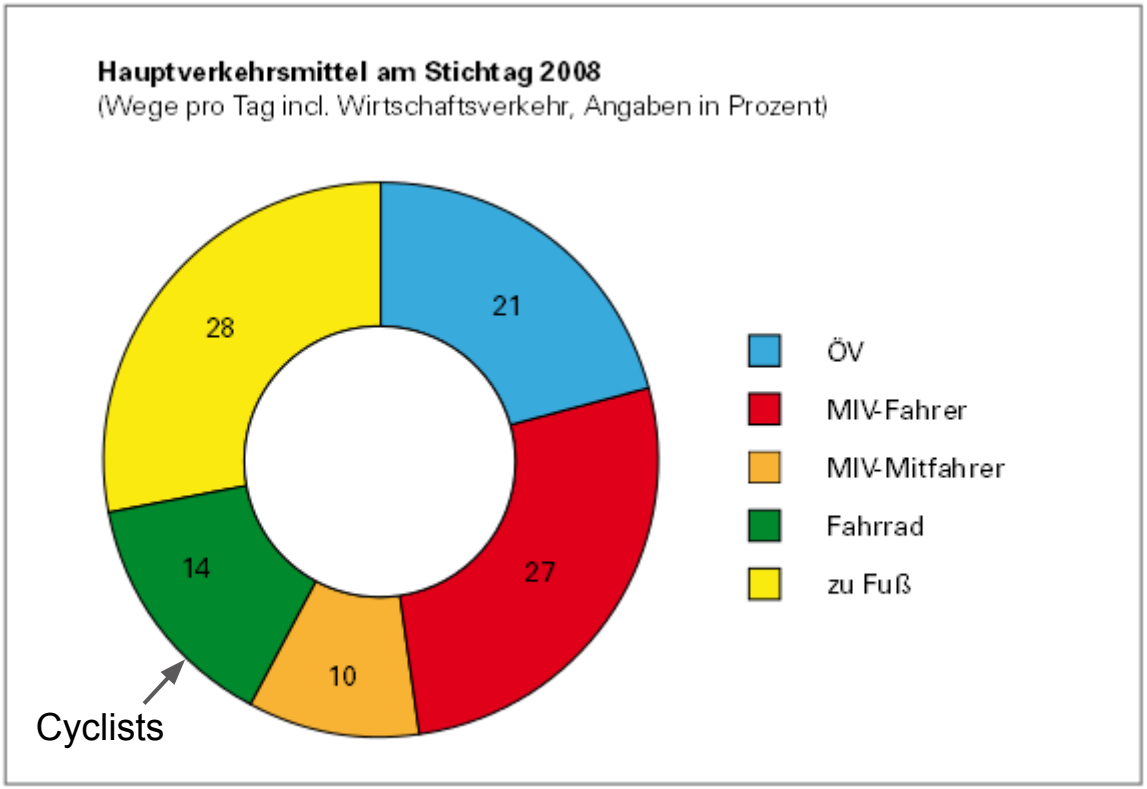
# Cycling in Munich

Bike ownership: 80%

Usage: ~50% at least once a week

Users: men ~ women

Mode share: increase of 40% compared to 2002



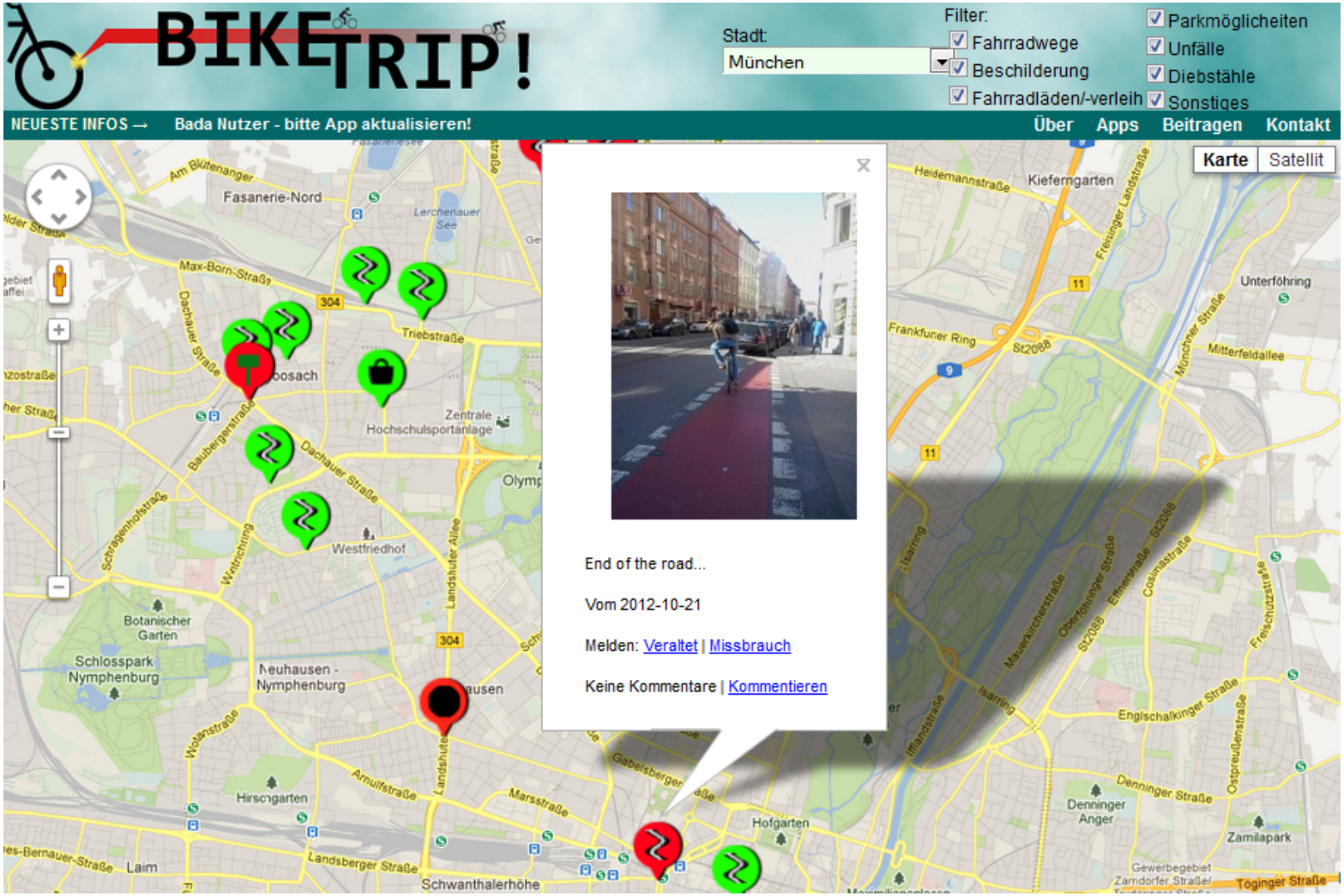

Total of travel purposes and divided by main means of transport

# Cycling in Munich

# Objective

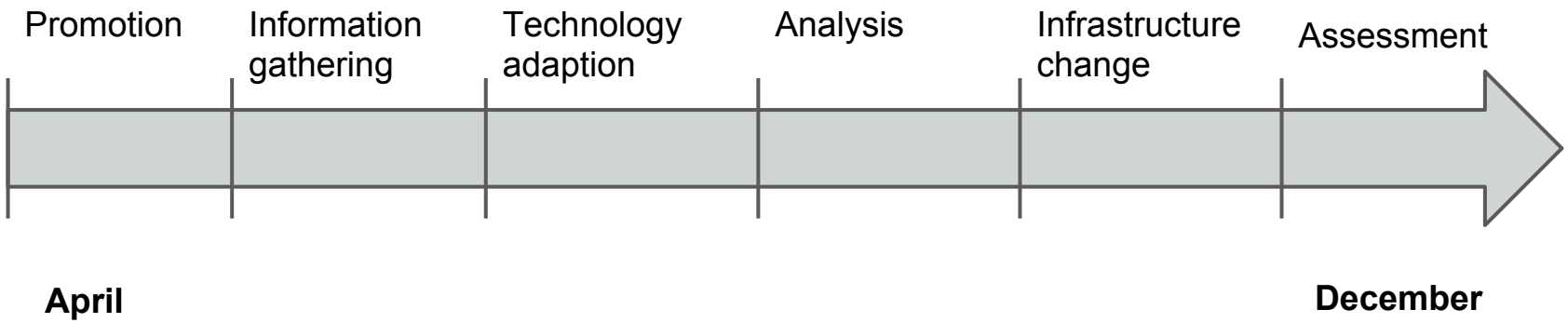
- Better communication between cyclists
- Find dangerous locations for cyclists in Munich
- Improve the dangerous locations (e.g. through infrastructural changes)

# Project Idea



# Project Idea

# Timetable


Promotion
Information gathering
Technology adaption
Analysis
Infrastructure change
Assessment
April
December

# Promotion Phase

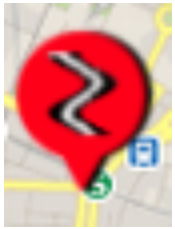
University Students

Cyclists

CIty of Munich

# Information gathering phase

Cyclists upload images of problem/accident spots



Other cyclists see problem areas, understand risks

Problem sites are identified

# Tool adaption phase

Perhaps add cyclist personality to BikeTrip app (fast and risky or slow and careful)

Add a ranking tool

On-street survey as backup method

# Analysis phase

- Choose the most reported location
- Find innovative, small, incremental improvement
- Implement pilot
- Measure change

# Infrastructure change phase

# Assessment phase

Before/after survey of user perception

Number of people who are using accident reporting application (BikeTrip) after promotion

# Difficulties

- Reaching cyclists
- Incorporating user incentives
- Adapting technology
- Changing infrastructure permanently

# Partners

MyBikeTrip.net (Matthew Fullerton)

Chair of Traffic Engineering and Control
Technische Universität München

City of Munich

# Thank you!