



Sustainable Development Working Group on CO₂ – Current information from MVG

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MVG activities to a sustainable mobility

◀ Social

- Easy access for all
- Support of young people
- Management of ideas
- ...

◀ Environmental

Lever for CO₂ saving:

- more efficient vehicles
- obtaining power from regenerative sources
- optimal capital utilisation of the vehicles
- Modal Shift

◀ Economical

- *“planning with regard to the future and in a cost-effective way to secure economic company development and to finance a competitive local public transport service”*
- i.e. Pre-investigation for other line-based and selective transit prioritisation of vehicles



Best Practice (1): Mobility management for New Residents

- ☐ Launched as a pilot project in 2005 together with the City of Munich.
- ☐ MVG actively involves the new residents of Munich in an open decision-making process with the aim of more environmentally friendly made trips (PT, walk, cycle).
- ☐ New citizens in Munich are provided with information concerning alternative means of transport to their private car and encouraged to test these in an unbiased way.
- ☐ The core of the information campaign: “new citizen package” (see fig.)

Effects on 85,000 new residents

- ☐ **+ 7%** customers for PT
- ☐ **- 3.5%** reduction in car use means 80 Mio. avoided car-km/a
- ☐ Reduction in CO₂: 12,000 t/a
- ☐ Savings & costs: €16 Mio./a



Best Practice (2): Systematic prioritisation of vehicles on line routes

Overview traffic lights	
Number of LZA (Lichtzeichenanlagen/ traffic lights) in Munich	~ 1.100
Total number of driven LZA:	886
thereof accelerated:	381 (43 %)
thereof non-accelerated:	505 (57 %)
Number of driven LZA /tram:	210
thereof accelerated:	209 (99 %)
thereof non-accelerated:	1 (1 %)
Number of driven LZA/bus:	754
thereof accelerated:	231 (31 %)
thereof non-accelerated:	523 (69 %)
Further estimated development	
LZA single measures 2011-2013	~ 32 LZA
Acceleration (bus) line 100	25 LZA
New build route tram St. Emmeram	19 LZA

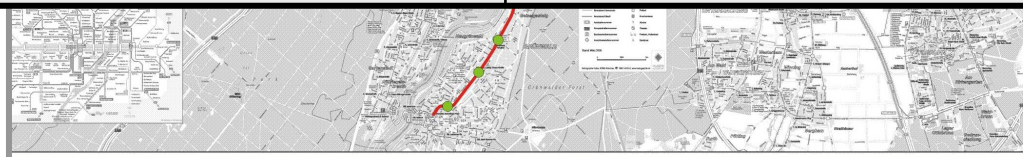


SWM Stadwerke München GmbH
Unternehmensbereich Verkehr
Strategische Planungsprojekte

**ÖPNV-Beschleunigung
an Lichtzeichenanlagen**

- Beschleunigte LZA durch Tram- oder Bus-Projekt (Gesamtzahl 290)
- Beschleunigte LZA durch Einzelmaßnahme (Gesamtzahl 89)
- Beschleunigte LZA durch Tram- oder Bus-Projekt in Umsetzung 2011 (Tram St. Emmeram, Linie 55 Putzbrunn, Linie 100) (Gesamtzahl 45)
- Beschleunigte LZA durch Einzelmaßnahme in Umsetzung 2011-2013 (Gesamtzahl 32)
- Beschleunigte Tramlinie
- Beschleunigte Buslinie
- Linienhufte Beschleunigung in 2011 (Tram St. Emmeram, Linie 100)

Nr.	Bearbeitet	Datum	Änderungen
7	Michael Arnold	07.07.2010	Aktualisierung der Maßnahmen
8	Michael Arnold	15.10.2010	Aktualisierung der Maßnahmen
9	Michael Arnold	17.12.2010	Aktualisierung der Maßnahmen
10	Michael Arnold	30.06.2011	Aktualisierung der Maßnahmen



MVG projects 2011

- ◀ Expansion of network
i.e. Putting into operation of tram from Effnerplatz to St. Emmeram (4,3 km)
- ◀ Hybrid buses in test – comparison of three different systems
- ◀ New guidance system
i.e. at the Odeonsplatz

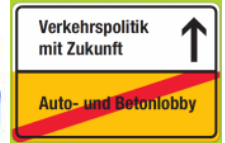
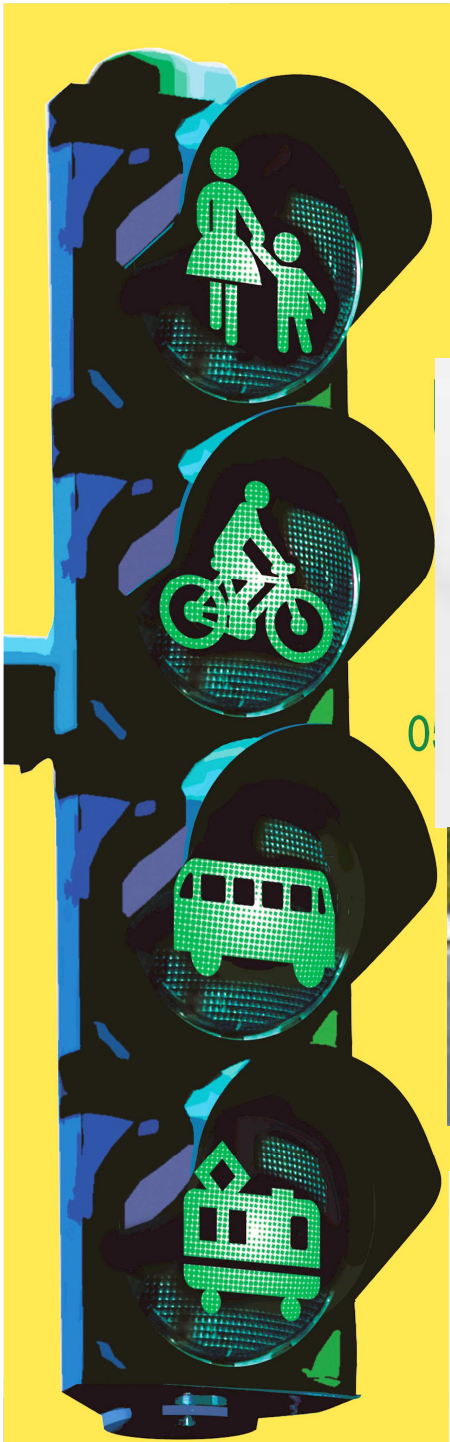


MVG projects 2011

- ▶ Replacement of facilities
 i.e. Replacement purchase of 292 fixed automatic ticket machines

- ▶ Modernisation of stations i.e. the mezzanine floors main station and Marienplatz







Thank you for your attention !

