Zurich’s Mobility Strategy

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Zurich
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Index

Facts and Figures about Zurich

Zurich’s Mobility Strategy (Transport Policy)

The 3 Components of the Mobility Strategy
  Traffic Infrastructure
  Traffic Management and Telematics
  Mobility Management and Mobility Culture
Facts and Figures

1. Vienna 108.6
2. Zurich 108.0
3. Geneva 107.9
4. Vancouver 107.4
4. Auckland 107.4
Facts and Figures about Zurich

Inhabitants
- City: 378’000 (City Limits Area 91.9 km²)
- Agglomeration: 1.25 million
- Metropolitan Area: 1.68 million
- Greater Zurich Area: 3.2 million

Transportation
- Motorisation: 376 Cars / 1000 Inh.
- Bicycles: 420 / 1000 Inh.
- Network Public Transport: 288 km
- Network streets: 740 km
- Network Bike Routes: 340 km
- Parking spots: 51’000 public ground, 220’000 private

Economy
- Economic Capital of Switzerland: 20% of Switzerland’s gross Domestic Product
- 330’000 employees, unemployment: 2.7% (Mai 2007)
- Main branches (2001):
  - 13.8% corporate/business/producer services
  - 11.6% financial services (financial centre)
  - 9.6% social/health services
  - 8.4% education
  - 8.4% cultural sector
Zurich: Modal Split (Inner City Traffic)

- Pedestrians: 44%
- Bicycles: 7%
- Public Transport: 27%
- Cars: 22%
### Mercer’s World-wide Quality of Living Survey

<table>
<thead>
<tr>
<th>Rank</th>
<th>City</th>
<th>Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Vienna</td>
<td>108.6</td>
</tr>
<tr>
<td>2</td>
<td>Zurich</td>
<td>108.0</td>
</tr>
<tr>
<td>3</td>
<td>Geneva</td>
<td>107.9</td>
</tr>
<tr>
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<td>107.4</td>
</tr>
<tr>
<td>4</td>
<td>Auckland</td>
<td>107.4</td>
</tr>
</tbody>
</table>
Zurich’s Mobility Strategy (Transport Policy)
The New Zürich Mobility Policy (since 2001)

**Sustainable Urban Mobility**

Solutions which

- make Zurich a prosperous city with a high quality of life
- promote quality of urban space
- promote a city-fair choice of means of transport
- enable new urban developments
- repair urban damages
- reduce negative traffic impacts
Basis for further planning

- Mobility Policy
- 18 Partial Strategies (e.g. Mobility Management, Public Transport, Bicycle Traffic, etc.)
- Sintesis in 8 principles (2005)
Overview over the Mobility Strategy

Roof
8 principles

Columns
18 partial strategies

Basement
Strategy itself and 5 actions in focus
1 ton CO2 per Person:
Contract with the people til the year 2050

General Reduction Goals:
- From 6000 W to 2000 W
- From 6 tons CO2 to 1ton CO2

Equivalents to Traffic:
- -60% of Emissions
- -30% of Energy
The 3 Components of the Mobility Strategy
The 3 components of the Mobility Strategy

- **Traffic Infrastructure**
  - Public, bicycle and pedestrian transport
  - Urban developments
  - Zones 30 km/h, zones 20 km/h

- **Traffic Management and Telematics**
  - Regulations by traffic lights
  - Parking regulations
  - Speeding up Public Transport

- **Mobility Management**
  - Information on ways
  - Consulting – Mobility at companies
  - Mobility education for children
  - Promotion of city-fair mobility
  - **Mobility Culture**
Public Transport - Backbone of Zurich’s Urban Mobility System

Success Criteria

- One ticket for all public means of transport in the entire metropolitan area
- Strong suburban railway system
- Attractive tram&bus services within city
Zürich - City of Tramways

A close net all over the city
A close timetable
Reliable and fast transport to all parts of the city
Clean and safe vehicles
Priority for public transport at traffic lights
Constant extension and modernisation of services and infrastructure
A New Tramway for a New Urban Quarter with 30’000 Employees and 8’000 Inhabitants

Für mehr Lebensqualität

Tram Zürich-West / Umbau Pfingstweidstrasse
September 2008 – Dezember 2011
Bicycle Promotion Programme „Velo 12“

- Fast and ecological form of urban movement mode
- Secure bicycle parking
- Promotion of bike&ride at the railway station
- Signalisation of bike connections und routes
- Availability of bike parkings
- Ongoing completion of cycling-routes (>250 km) integrated in regular streets
Visibility of Bikelanes
Active and Creative Cycle Communication
Good Conditions for Pedestrians

- Small city, short and direct routes
- Attractive public and district spaces
- Tram or bus stops within 300m walking distance
- Promotion of attractive walking connections within the city (i.e. on river sides)
- Concentration car traffic on main roads
- Slow down traffic in residential areas (30 or 20 km/h)
- Parking places reserved for residents
Inner City: Pedestrian Zone

Extension and reevaluation of pedestrian zone due to the „historical compromise concerning parking“
Inner City: Improvement of Limmatquai
Low Velocity - Zones of 30 km/h

Aim: Better quality of life (more safety, less noise)

• Measures of signalisation (instead of construction) – efficient application
• Change of behaviour through communications
• Realisation of 122 zones (in total)
Residential zones

- Input/demand from population
- Until now
  - 16 zones realised
  - 35 zones in study
  - 19 zones declined or drawn back by the population
The 3 Components of the Mobility Strategy

Traffic Infrastructure
- Public, bicycle and pedestrian transport
- Urban developments
- Zones 30 km/h, zones 20 km/h

Traffic Management and Telematics
- regulations by traffic lights
- Parking regulations
- Speeding up public transport

Mobility Management
- Information on ways
- Consulting – Mobility at companies
- Mobility education for children
- Promotion of city-fair mobility
  = Mobility Culture
Traffic Management

Traffic lights at the city borders to control the flow into town

Automatic adaption according to the traffic volume with sensors in the streets
Parking Regulations

Air Pollution  Quality of Transit  Traffic-Jam
Drive Counting Models

In service:
1 ETH Hönggerberg
2 Neu-Oerlikon (appeal)
3 Sihlcity
4 Stadion Zürich (appeal)
5 Toni-Areal
6 Manegg

Current:
Letzipark

Not in service:
Maag Plus
Aquipark
IBM Altstetten
Swiss Re
Speeding Up Public Transport (1)

Dedicated tracks / bus lanes

Maximum priority for public transport at traffic lights: 
The SESAM system

«Zero-waiting-time»
The 3 components of the Mobility Strategy

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= Mobility Culture
People‘s Knowledge and Behaviour

Access or Waiting Time

Travel Time

Unstable

Stable !

Objective World

Subjective World
Mobility Management

- Information
- Consulting – Mobility at companies
- Mobility Education for children
- Promotion city-fair choice of means=
  Mobility Culture
Informations on routing (e.g. by foot)

Promote
• combination of means
• using feet and bycicles

Short direct route

Attractive route

Low noise route
Consulting - mobility management in companies MIU

Four modules to optimise mobility in companies
«live mobility»: Mobility Education for Children

Our additional offer: weeks or days of our specialist at schools

Basic offer: didactic support for teachers

www.stadt-zuerich.ch/mobilitaet-erleben
Promoting Mobility Culture
Promoting Car-free Living and Actions
Message «from Zurich to Zurich» correctly on the way
Thank you for your attention

for further information

www.stadt-zuerich.ch/mobil-in-zuerich
www.stadt-zuerich.ch

Window „Mobilitätsstrategie“