National Cycling Promotion
Austrian Masterplan for Cycling
and Action Programme klima:aktiv mobil

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Why promoting cycling?

- Cycling is an environmentally friendly, economical beneficial and health promoting means of transport, a quick alternative for short trips, space-saving and above all …

>> Cycling is fun!

- The modal share of cycling in Austria is today only 5%, which is relatively low compared to European countries – today cycling is still seen as a recreational issue rather than as day-to-day mobility, but …

>> There is a big regional difference showing the potential for cycling
  - City of Salzburg 16%, City of Graz 16% - City of Vienna 5%
  - Municipality of Bürmoos (S) 46% - Municipality of Hargelsberg (OÖ) 0%
  - Federal State Vorarlberg 15% - Federal State Burgenland 5%
Why promoting cycling in Austria?

- But some Austrian cities and regions show: cycling promoting policies lead to increase of cycling

- Federal State of Vorarlberg 15%
- City of Graz: 14%(1995) → 16% (2009)
- Even small villages show success

- Big potential for the use of bicycles for short trips
  - about 25% of all car trips are less than 2km long
  - about 50% of all car trips are less than 5km long
Regional cycling level

Source: HERRY, BMVIT; “Verkehr in Zahlen 2007”, own chart

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Potential for the use of bicycles

**Assumption:** The cycling modal share in Austria is as high as it is in the Austrian federal province Vorarlberg: 14%.

- 560 million – 1.6 billion car kilometres could be saved
- Annual CO$_2$ reduction of 100,000–270,000 t
- Reduction of nitrous gases by 270–780 t each year
“Masterplan Cycling“

- Austrian national strategy to promote cycling
- Positive contribution to attain environmental goals
  - Reduction of greenhouse gases (climate protection)
  - Reduction of air pollutants (particulates, NOx)
  - Cut back in street noise
- Positive effect for health
- Increased quality of life
- Goal: doubling of the Austrian cycling modal share (from 5% to 10% until 2015)
“Masterplan Cycling“
7 topics, 17 measures

<table>
<thead>
<tr>
<th>Attractive and safe cycling infrastructure</th>
<th>Infrastructure (institution)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bicycle-friendly and safe traffic organization</td>
<td>motivaion</td>
</tr>
<tr>
<td>Optimization of intermodal network with public transport</td>
<td>Coordination</td>
</tr>
<tr>
<td>Mobility Management for cycling</td>
<td></td>
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<tr>
<td>Awareness raising and traffic education</td>
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</tbody>
</table>
| Bicycle-friendly framework conditions  
  • politically, legally, fiscally and economically |  |
| Intensified cooperation of authorities on all levels for bicycle traffic |  |

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Implementation strategy „Masterplan Cycling“

- National coordination of cycling activities and support for all those implementing measurements
  - Nationwide cycling co-ordinator established at the Ministry of Environment in Division Transport
  - National Task Force of Ministries, Federal States and the bigger cities to enhance implementation of measurements on federal, regional and local level
  - Cooperation with traffic companies, economic representatives and associations, NGOs
  - Expert meetings („Cycle - Summits“) with Federal States
  - Internet platform und benchmarking www.radfahren.klimaaktiv.at
Implementation strategy Masterplan Cycling“:
Partnership with economy:
Cycling as a Win Win for environment and economy

Joint initiative Ministry of Environment and Chamber of Commerce:
Calculation of the economic value of the cycling sector in Austria

- > 882,5 mio. Euro added value
- > 18.328 green jobs
- > 10 Mio € investments in cycling infrastructure creates about 1000 jobs.

- Production of bicycles and e-bicycles, components and equipment
- Cycling business
- Repair service and rental systems
- Cycling tourism
- Sport activities
- Construction of cycling infrastructure

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Implementation strategy Masterplan Cycling

Benefitting of THE PEP Tool

Calculating Health Benefits of Cycling

- THE PEP Health Economic Assessment Tool (HEAT) for Cycling (WHO)
- Translation into Austrian version with Austrian figures and local parameters
- Dissemination to cities, stakeholders planners, transport experts, media

Austrian results
- Achieving the national goal of 10% cycling share leads to
  - 824 saved lives
  - mean annual benefit of 812 million euros
Implementation strategy „Masterplan Cycling“

- Consulting Programme klima:aktiv mobil financed by the Ministry of Environment motivating companies, regions and cities, tourism and leisure to promote cycling

- National Financial Support Programm klima:aktiv mobil with a focus on cycling improvements and infrastructure financially supporting companies, regions and cities, tourism and leisure actors, transport operators as well as other associations

- Austrianwide awareness raising to improve image of cycling through klima:aktiv mobil cycling campaigns
klima:aktiv
mobil

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klima:aktiv mobil...

... the Austrian Action Programme for climate protection in transport launched by the Ministry of Agriculture, Forestry, Environment and Water (Ministry of Environment)

... contributes to Austrian governmental strategies on climate protection, the sustainability strategy

... focuses on transport efficiency, supports alternative drive systems as well as renewable fuels

... strengthens the implementation process “Masterplan cycling” – the Austrian strategy to promote cycling.
klima:aktiv mobil...

... builds on partnerships for climate protection in transport and offers consulting, financial support, motivational campaigns as well as certification and education.

... builds on partnerships with the Chamber of Commerce, the Federal States, the Associations of Cities and Municipalities, Companies, Transport operators, NGOs and youth.

... looks for cooperation and contributes to implementation of EU and international programmes: EU Strategy Urban Environment, CEHAPE, THE PEP, EPOMM, EST
klima:aktiv mobil moves target groups in transport sector

- companies and public administrations
- cities, municipalities and regions
- leisure and tourism
- real estate developers, investors in the building sector
- schools and youth
- press/media as opinion makers
- citizens as road users/traffic participants/consumers

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## klima:aktiv mobil structure

### Programs for Consulting & Technical Support

<table>
<thead>
<tr>
<th>Mobility Management</th>
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</tr>
</thead>
<tbody>
<tr>
<td>For Companies / Administrations</td>
<td>For Schools / Youth</td>
<td>For Leisure and Tourism</td>
</tr>
<tr>
<td>Eco-driving Initiative</td>
<td>Mobility Management for Municipalities &amp; Regions</td>
<td>Mobility Management for Real Estate Developers</td>
</tr>
</tbody>
</table>

### Awareness & Information Campaigns

- Eco-driving, Alternative Drives & Fuels
- Focus on Cycling

### Financial Support Programs

- Federal Environmental Support Schemes for Companies
- Klima:aktiv Mobil Support Scheme & Climate and Energy Fund

### Partnership, Awards & Certification

- Certification and Education
- Competitions, Awards

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klima:aktiv mobil – programmes focus on cycling

1. klima:aktiv mobil advisory programmes with a cycling focus for companies, cities, municipalities and regions, leisure and tourism and schools

Guideline of practice for supportive cycling measures

- Learn how to implement cycling measures
- Information on financial support programmes
- Contact to programme managers and advisors
- Help for applications for financial support programme klima:aktiv mobil
- Best practice examples in Austrian

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klima:aktiv mobil programmes focus on cycling

2. the klima:aktiv mobil financial support programme with focus on cycling traffic, offers companies, cities, municipalities and regions, leisure and tourism and associations financial support for cycling measures: cycling infrastructure, cycling centres, rental systems, bike&ride, cycling campaigns and many more

3. Austrian wide information and image campaigns for cycling

4. Awarding klima:aktiv mobil project partners for implementation of measures promoting and improving for cycling

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1. klima:aktiv mobil Advisory Programmes

Mobility Management for Companies and Public Administrations

Supports companies and public administrations to implement mobility measures

- change to alternative vehicles focussing on renewables
- improve transport efficiency by intelligent logistics
- promotion of public transport, car sharing
- Promotion of cycling

- 224,470 t CO₂/year saved by 458 partners
Mobility Management for Cities, Municipalities and Regions

Support cities, municipalities and regions developing and implementing optimal measurements

- improving cycling & walking
- promotion of innovative public transport focusing on flexible dial-a-ride bus and taxi systems
- set-up of regional mobility centres
- marketing and awareness for environmentally friendly mobility

117 cities, municipalities and regions saving 58,650 t CO₂ /year

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2. klima:aktiv mobil
financial support programmes

>> offering financial support for investments to
cities, municipalities and regions, companies and
transport operators, leisure and tourism, other institutions

>> offering financial support for Investments, operating and
planning costs

for mobility management, logistics, alternative vehicles (e.g.
biogas/CNG, biofuels, E-vehicles and NEW electric bikes …), cycling,
flexible public transport and mobility centres

Precondition: project leads to proved CO₂ reduction
klima:aktiv mobil
financial support programmes
for cycling measurements

- Target group: natural person and corporate body, cities, municipalities and regions, companies.
- Precondition: respectable reduction of the impact on the environment and decrease in CO$_2$-emissions (-x t CO$_2$ each year) through the Mobility traffic concept.
- Scope of financial support: capital costs, running costs and costs of intangible performances
- Quality criteria: integrated cycling-traffic-projects, infrastructure and awareness raising with a higher reimbursement rate
Special offer 2009: Financial support for E-bicycles

- E-bikes make cycling more attractive for new target groups even for longer distances and in mountainous areas
- **New: financial support rate for E-bicycles by klima:aktiv mobil**
  - for companies, municipalities, touristic associations
  - 400,- Euro support for E-bicycle when using green electricity (100% Renewables)
  - 200,- Euro for normal electricity

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klima:aktiv mobil
moves cities, companies and tourism to promote cycling

- Within only 3 years 133 klima:aktiv mobil project partners (federal states, cities, municipalities, regions and touristic associations) implemented cycling measurements

- Annual CO$_2$ reduction of 49,220 tons due to cycling projects

- Financial support of 11,8 mio. € inducing investments in cycling infrastructure of 49 mio. €
**klima:aktiv mobil**

133 partners implement measures for cycling traffic saving 49,220 To CO\(_2\) a year

<table>
<thead>
<tr>
<th>Category</th>
<th>Bicycle Projects</th>
<th>To CO(_2) reduction/ year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Companies / Public administrations</td>
<td>39</td>
<td>2,302</td>
</tr>
<tr>
<td>Cities, municipalities and regions</td>
<td>72</td>
<td>40,583</td>
</tr>
<tr>
<td>Leisure and Tourism</td>
<td>22</td>
<td>6,335</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>133</strong></td>
<td><strong>49,220</strong></td>
</tr>
</tbody>
</table>
Promoting Cycling in Regions
Federal State Styria

Styrian cycling programme 2008-2012
Goal: Double the level of cycling

- Extension of the bicycle path network: 71 kilometres planned
- Awareness Raising campaigns
  - „Motivation and information“
  - Cycling activities and events
  - Styrian „Fahrradgipfel“
  - Sompetition „Wer radelt gewinnt“

➔ A saving of 6,500 tons CO₂/year
Promoting Cycling & Mobility Management in Cities - City of Graz

Climate Protection Programme 2008 until 2012

- **Cycling traffic**
  - improve and extend cycling network
  - cycling actions
  - extension of bike&ride

- **Extend pedestrian network**

- **Public Transport**
  - shorten intervals
  - marketing activities

→ A saving of 3.386 tons CO₂/year

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Promoting Cycling in Regions
Federal State and City of Salzburg

- Development of cycle infrastructure
  - Mobile bicycle parking facilities for big events (e.g. EM2009)
  - Self-Service stations
  - Parking facilities at the central station and parking facilities to lock (boxes) for the shared common space

- Marketing activities

- Organisational Measurements
  - Cycling against the one-way-streets
  - Bicycle coding

- Austria’s bicycle capital
  - Factor of success: bicycle agent
  - Factor of success: cycling mayor

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Promoting Cycling in smaller Cities

- **Cycling measures in Traun**
  - Mobility Management & Public Relations
  - Cycling agent as a catalyst for coordinator for cycling activities
  - Public Transport-Marketing
  - Car sharing in Traun
  - Guidance system for pedestrians
  - A saving of 390 tons CO2/year

- **Cycling measures in Baden**
  - Mobility Management & Public Relations
  - Bicycle traffic guidance system
  - A saving of 137 tons CO2/year

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Promotion of Cycling in Companies
Mondi Business Paper Austria AG

- Bike2business winner 2007 category large scale manufacturer
- Campaign „Fit for the job“
- Company bicycles also for those employees commuting (way to railway station)
- Bicycle repair shop checkrooms
- Special cycling activities for employees
- Involvement in the construction of a 9 kilometre long cycling path
Mobility Management for Schools and Youth

Promoting Cycling in Technical High School Mödling

- Mobility team at school
- Mobility check – how do students get to school, check of needs
- Construction of Bicycle-parking space at railway station and at school (together with transport company, „zweirad freirad“, municipality, etc.)
- Special bicycles, which can be borrowed by students free of charge
- Repair materials for bicycles free of charge for students at school
Crossborder umbrella project
Environmentally Sustainable Transport and Tourism in Sensitive Areas
Lake Neusiedl–Fertő-tó Region
A-H-SK Pilotprojects
Environmentally Sustainable Transport and Tourism in sensitive Areas – Lake Neusiedl/Fertő-tó Region (Contribution to THE PEP)

nextbike Burgenland: automatic bicycle lending system
Terminals at train stations, ferry ports, points of interest in cities
Lending terminals all over the region
Promoting Mobility Management & Cycling
Ministry of Agriculture, Forestry, Environment, Water

- Mobility management since 1998
- MM for 4 Ministerial Office Buildings – within EMAS Certification of the ministry
- Modal share of employees: 
  >> Doubling of cycling 5 to 10% 1998-2009, public transport 80%, walking 5%, car 5%
- Improvements for safe cycling storage:
  roofed bicycle stands
- improved access by bicycle to office buildings and better links to cycling network
- Official bicycles including electric bikes
- Awarding environmental friendly employees
  “Cyclist of the year”, “Passenger of the year”, Eco-Driving Competition
- Job Ticket for business trips by Railways
- CO2 compensation of business trips by plane

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3. **klima:aktiv mobil awareness & information campaigns**

- by information, motivation and awareness campaigns for
  - cycling
  - eco-driving
  - alternative vehicles
  - public transport

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Austrian Cycling Campaign: „Lass die Wadeln auch im Alltag radeln!“
klima:aktiv mobil Cycling Campaign 2009
Cycling Stakeholder Summit Series
jointly with the Austrian Federal States
Cycling Awareness Campaign 2009
Cycle summit tour on the Top of Austria
the famous Großglockner Mountain Pass 2428 m
1st E-bicycle race with the Environment Minister

Foto: Niko Formanek / BMLFUW
4. klima:aktiv mobil
awards and certification

- Project partners awarded by the Federal Minister of Environment
- Receive a certification
- Promotion of the project in the media (Website, booklet, events, …)
Strategische Schwerpunkte klima:aktiv mobil in Zukunft:

- Forcierung der Fuhrparkumstellungen auf alternative Kfz und Kraftstoffe für Flottenbetreiber (Unternehmen wie ÖBB, Post und Paketdienste, Güterbeförderer, Verkehrsbetriebe, Energieversorger, Carsharing, Mietwagen sowie kommunale Flotten im kommunalen und touristischen Bereich)

- Forcierung Spritsparen für Flotten

- Ausbau strategischer Kooperationen mit großen Partnern (vor allem große Flottenbetreiber) und mit Akteuren aus Wirtschaft, Ländern, Gemeinden
More than 600 climate stars all over Austria: klima:aktiv mobil partners saving 300,000 Ton CO2 a year
klima:aktiv mobil Strategic Coordination

- STRATEGIC COORDINATION
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  Project Co-ordinator: Iris EHRNLEITNER
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Thank you for your kind attention!