

Begin

Planungsbüro Verkehrsalternative Rad (VAR) - Dipl.-Ing. Uwe Petry

100 ways to improve bicycle-traffic

Tartu,
Eesti
27. Sep. 2012



Source: ©Euro-Velo cycle Network (cutout)

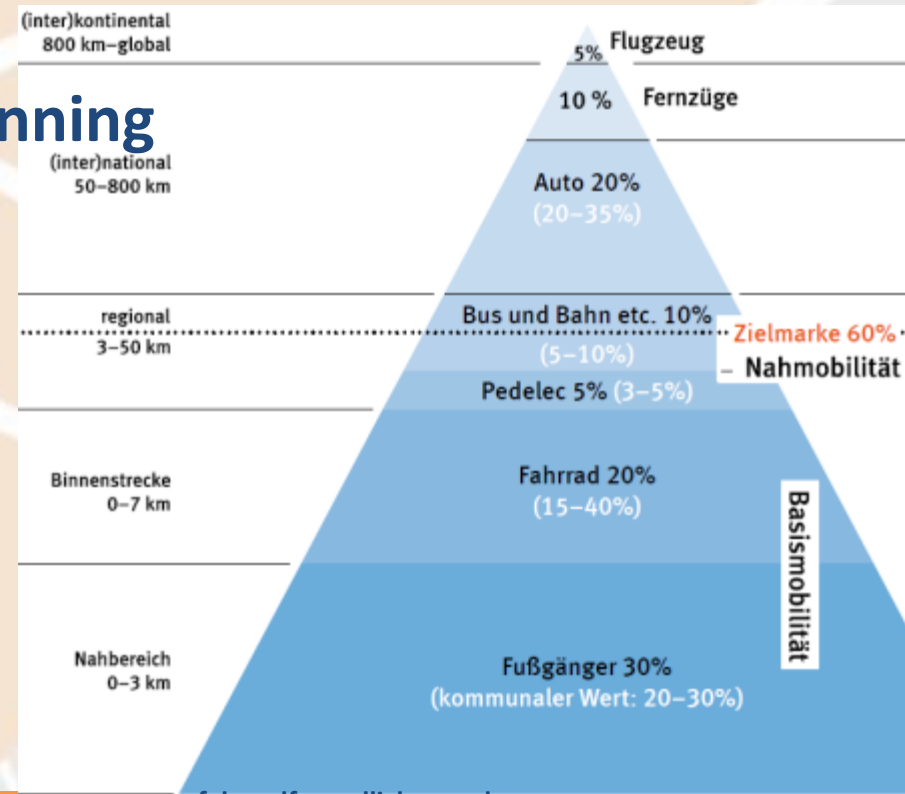
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Copenhagen, Print: VAR in 2010



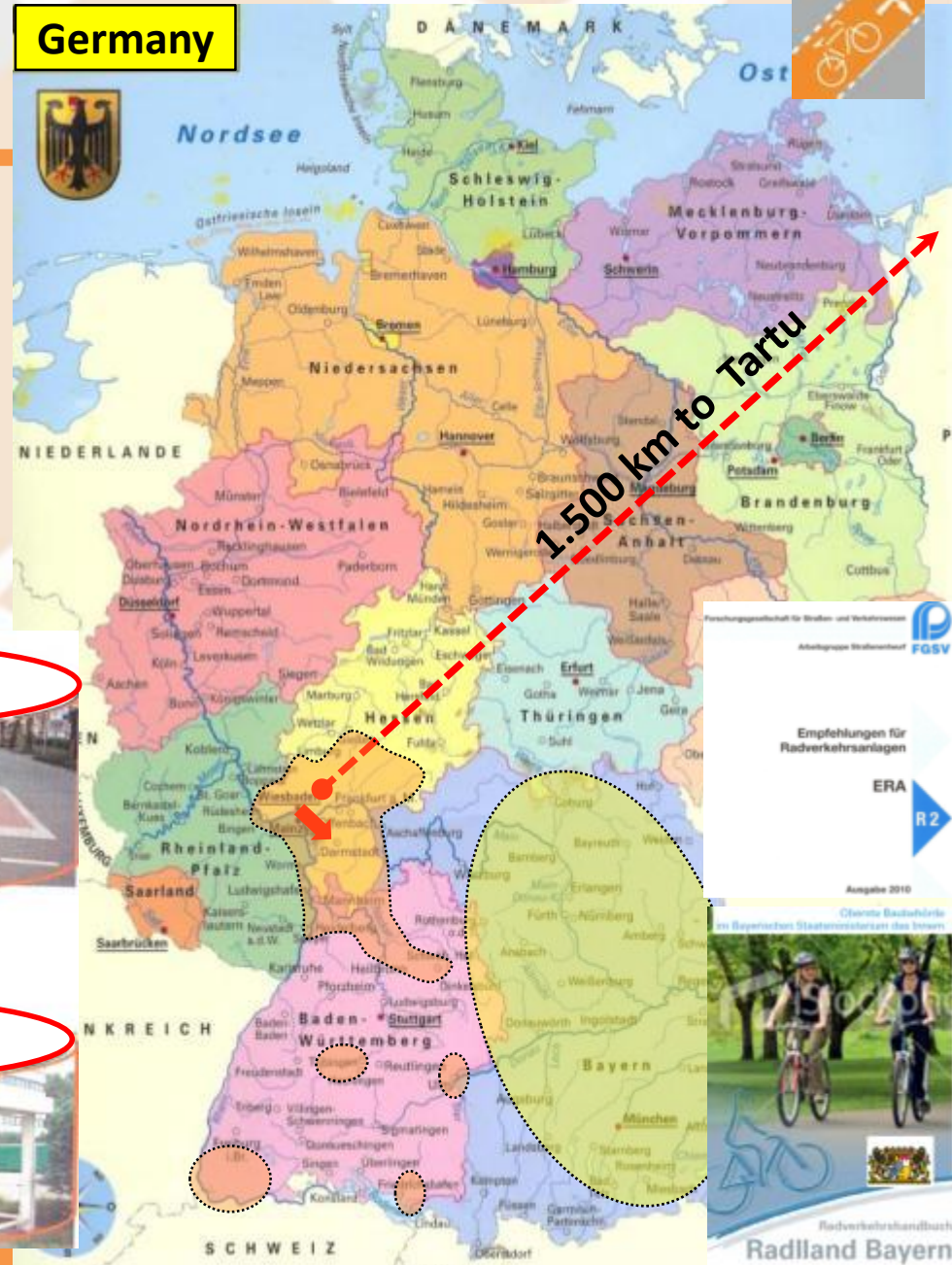
source: www.fahrradfreundlich.nrw.de

1. Presentation „VAR“

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- I. VAR established in 2000
- II. Authorised person for cycling 5 years for the region of Darmstadt
- III. Economic centers
 - a. Bicycle-Traffic-Conceptions

Germany



Public reaction

Infrastr. cycling

Netplanning /
Signing

multi modality

Infrastr. parking



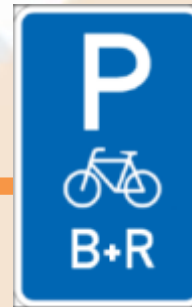
source: www.varad.de

www.verwaltung.bayern.de

1. Presentation „VAR“

III. Economic centers

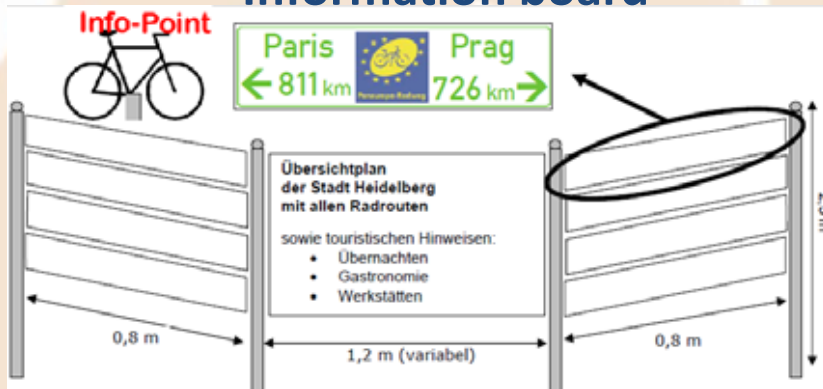
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- b. Bike and Ride-Conceptions
- c. Pupil-Bicycle-Traffic-Conceptions (secondary school)
- d. Sign-posting → cycle nets
→ touristic routes
- e. Leading round tables
- f. Quality check bicycle infrastructure



Information board



All sources und fotos: www.varad.de

2. Ten arguments pro cycling (win-win aspects)

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- I. Quality of Live
- II. Reduce parking spaces
- III. Social fairness
- IV. Availability for almost everyone
- V. Higher capacity
- VI. Healthy
- VII. Road safety
- VIII. Climate protection
- IX. Save time
- X. MONEY (key-factor)



Source: www.walk-space.at

3. Targets „promotion cycling“

a. slow down / speed limits

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Germany



Switzerland



Netherlands

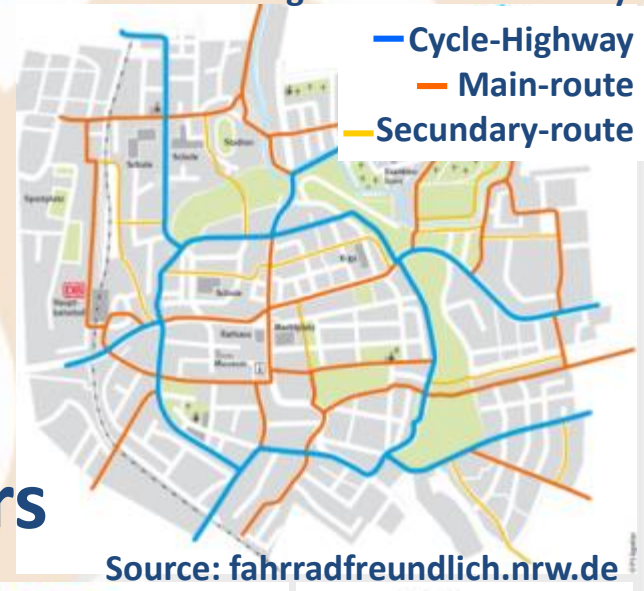
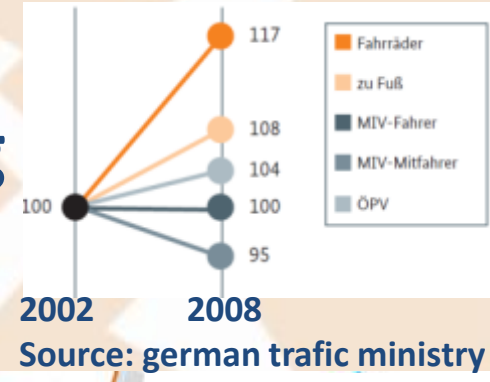


3. Targets „promotion cycling“

b. aims+principles of urban planning

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- at local government level
- Policy and traffic manager / road agent
- at higher level (policy-makers)
- Department of Traffic, Ministry, Regional politics etc.
- Coordination with local partners



3. Targets „promotion cycling“

c. Marketing

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a. Bike – Maps

b. Local press / postcards

c. Welcome packet

→ Free public transport

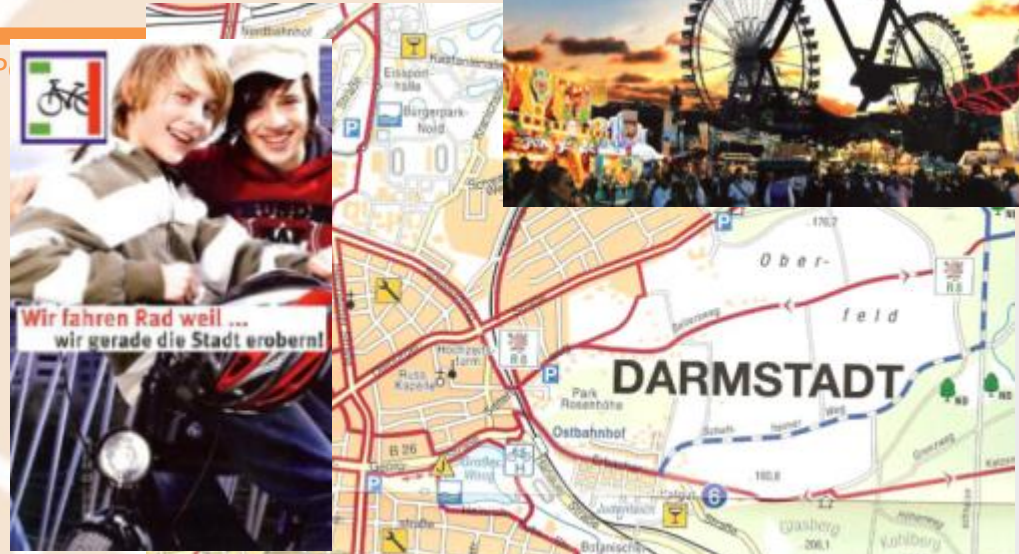
→ Rent a bike options

→ Repair kit

→ Mobility advice

d. Bike-days with bike-check,

help to repair, bike-washing, E-bike testing etc.



www.fahrradfreundlich.nrw.de

2200 Wegweiser für Radfahrer
Ehemaliger Fahrlehrer plant auch Route um Darmstadt

MEIN ROUTENPLAN ZUR SCHULE

FAHRRAD-AKTIONSTAG
27. Mai 12.30 - 18.00h
Marktplatz Darmstadt

Kostenloser Fahrradcheck
Selbsthilfewerkstatt
Fahrradwaschanlage
Fahrradcodierung
Fahrradfliehkraft
Außerdem: Handwerkskammer, Zubehörmarkt, Infostände u.v.m.

www.ich-kauf-per-rad.de

3. Targets „promotion cycling“

c. Marketing / Information

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d. Print ware

e. WEB-
Presentation

f. Partnerships with
companies, retail, ...

g. Installations



www.ulm.de/leben_in_ulm/verkehr_umwelt/aktionsbuendnis_fahrrad_in_ulm.de



www.rentinorio.de



prints by VAR



www.woche-der-umwelt.de (DBU)

3. Targets of „promotion cycling“

d. Infrastructure – Part I.

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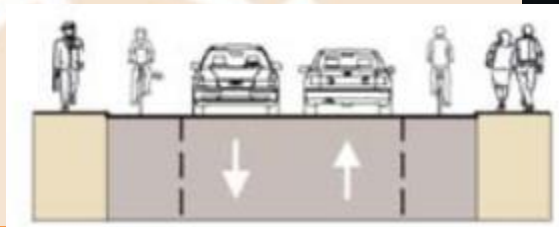
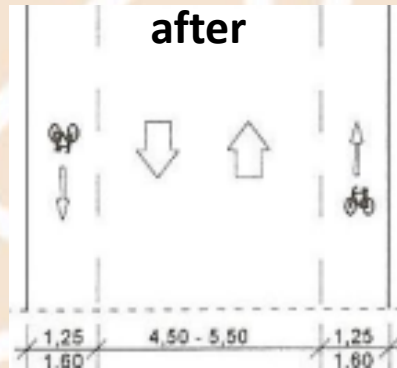
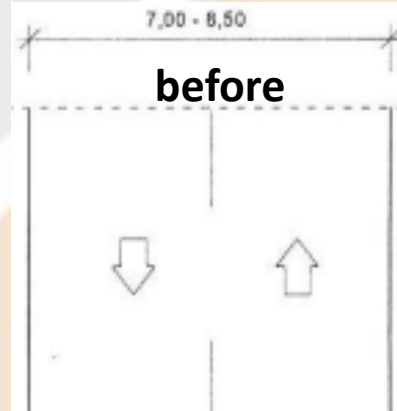


Source: city of Hamburg

Cycle lanes

Road marking

- Cheap
- Effective
- Save



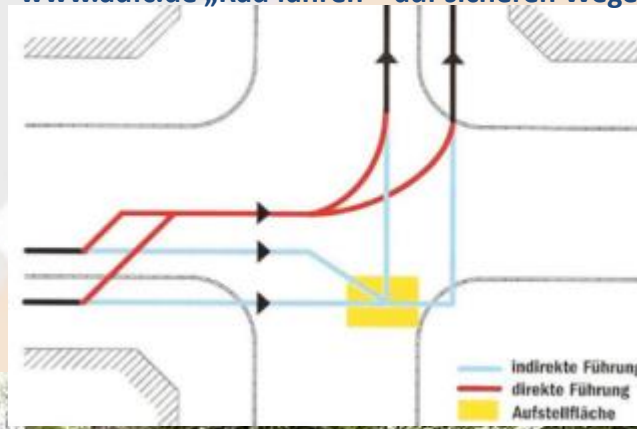
3. Targets of „promotion cycling“

d. Infrastructure - Part II.

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www.adfc.de „Rad fahren – auf sicheren Wegen

cycle turns



www.varad.de



www.duisburg.de/micro2/fahrradportal.de



www.adfc-dreieich.de

3. Targets of „promotion cycling“

d. Infrastructure - Part III.

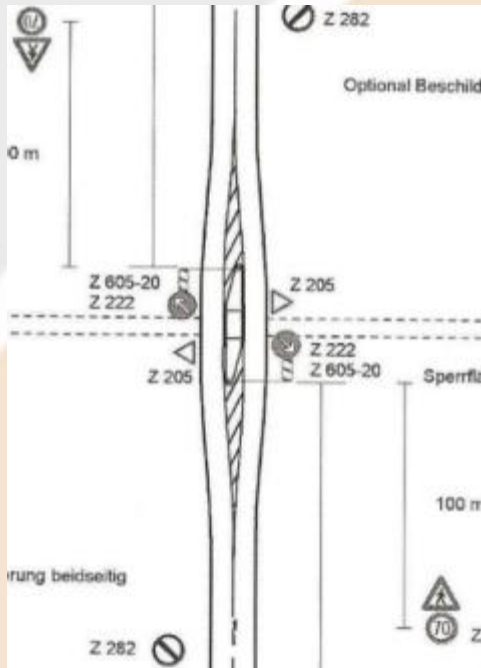
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source: NRVP 2020

Crossing countryside roads

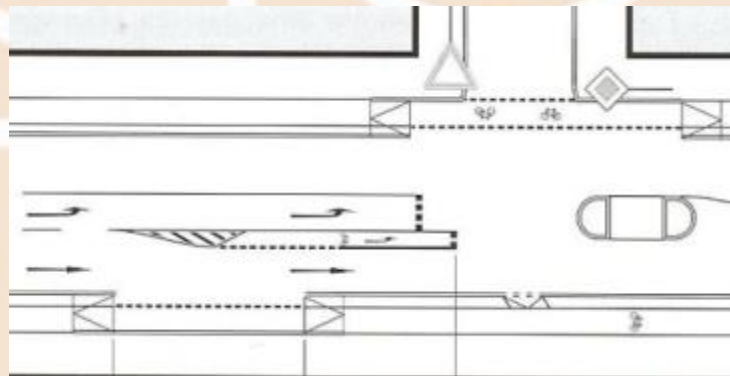
- Free crossing
- Center island
- Signalisation



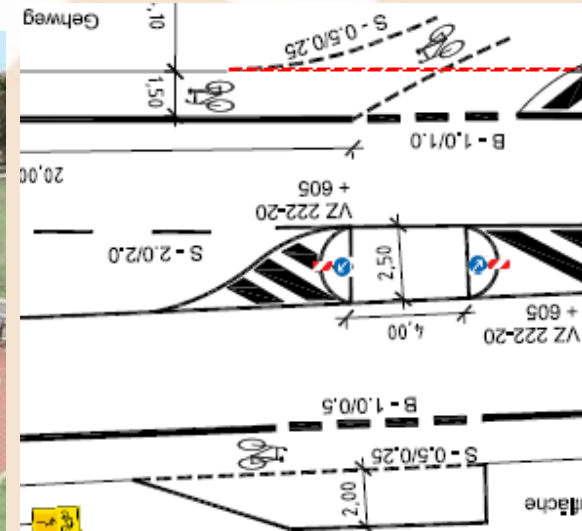
source: H Ras 2004



Source: fahradfreundlich.nrw.de



source: ERA 2010



source: VAR



source: VAR

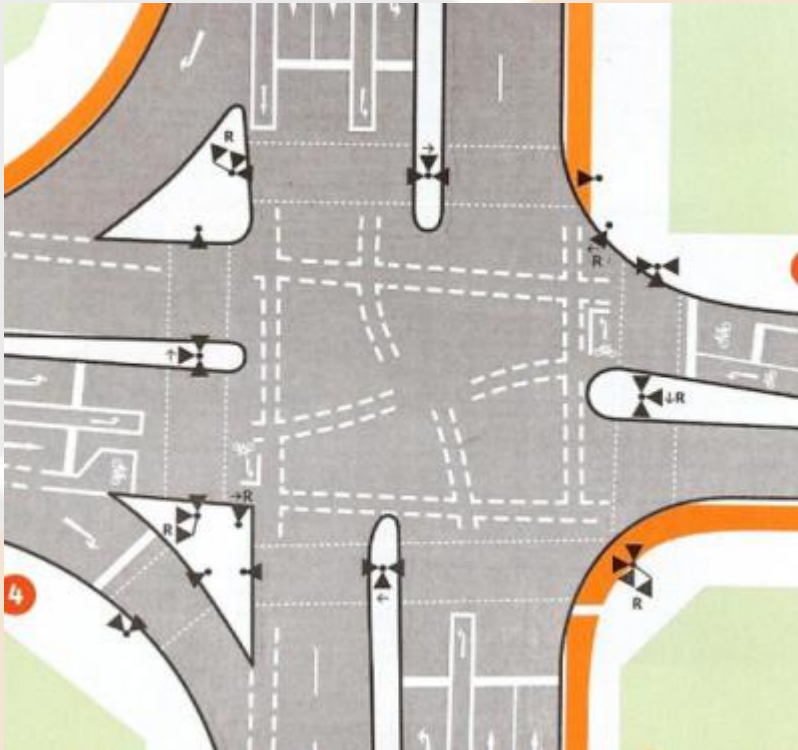
3. Targets of „promotion cycling“

d. Infrastructure - Part IV.

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Cycle-intersection in complex crossings

Project



source: City of Münster / NRW

Reality



source: City of Münster / NRW

3. Targets of „promotion cycling“

d. Infrastructure – Part V.

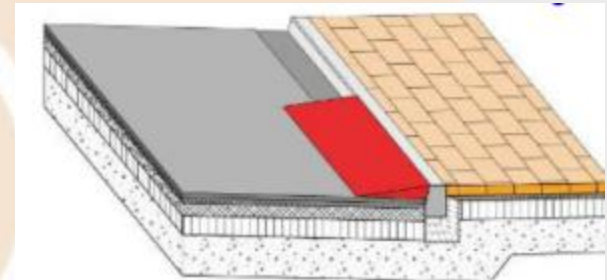
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Simple, low cost measures

- Traffic sign / post signing
- reduce wideness
- build ramps
- open oneway streets



source: VAR



www.fahrradfreundlich.nrw.de

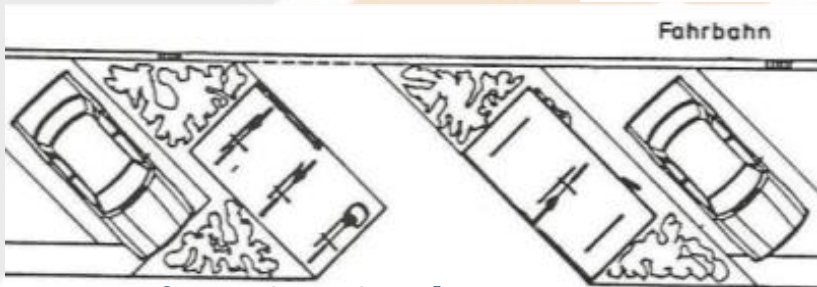
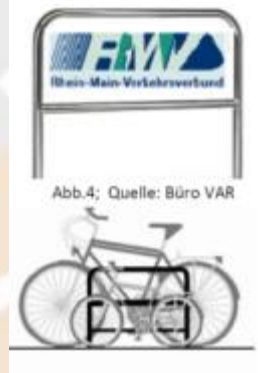


all pictures: VAR

3. Targets of „promotion cycling“ d. Infrastructure – Part VI.

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Cycle-parking Park-racks on the road



source: Info to Bikeparking [Hinweise zum Fahrradparken]



source: Leitfaden „Fahrradparken Berlin“

Privat

Stations

special

simpel



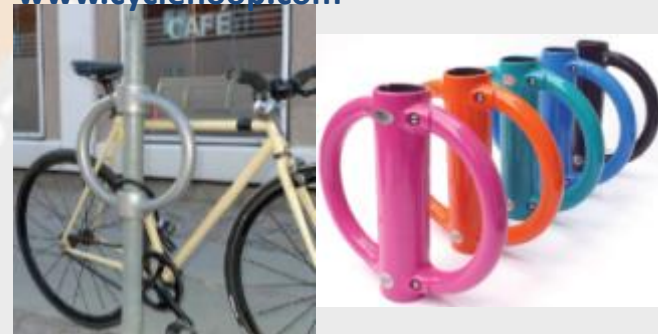
source: Johannes Teeken GmbH



www.vrr.de/de/fahrten/haltestelle/fahrrad.de



www.cyclehoop.com



www.cyclehoop.com

3. Targets of „promotion cycling“

e. Soft measures / Services

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Cycle Culture

- a. Inner tube automat
- b. Public air-pump
- c. Banderole
- d. Special signals
- e. Maintenance
- f. Counting assembly
- g. Yellow grip
- h. Bike deliver and repair services

Short distance  **use bicycles**

 **adfc** Allgemeiner Deutscher Fahrrad-Club **Eine Initiative vom Runden Tisch Radverkehr** 

source: ADFC-Dreieich



Source: City of Freiburg



▲ Source: Stadt Bünde, Thomas Schuh ▲



Source: fahrradfreundlich.nrw.de



www.radfahren-ffm.de

3. Targets of „promotion cycling“

f. Education

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Cycle Culture

- a. Master plan
- b. Bike stands
- c. Project weeks
- d. Practical learning
- e. Contact person
- f. Install bike garage
- g. School bike maps
- h. Bike pooling
- i. Information days



▲ www.kultusministerium.hessen.de ▼



Source: Orionbausysteme GmbH



www.elterntaxi.com



www.kultusministerium.hessen.de

3. Targets of „promotion cycling“

g. Multi modality

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Mixed Bike with other transport-systems

- a. Public bikes
- b. Train
- c. Bus
- d. Ferry
- e. Carsharing
- f. Walk
- g. Plane



www.fahrradfreundlich.nrw.de

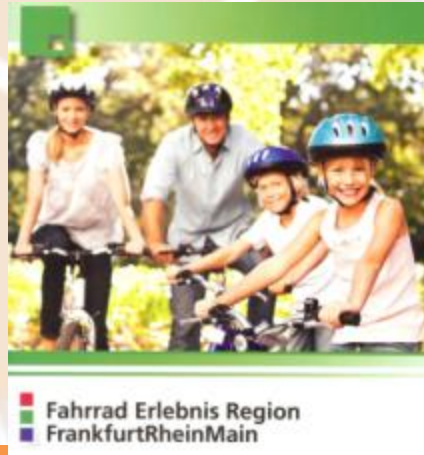
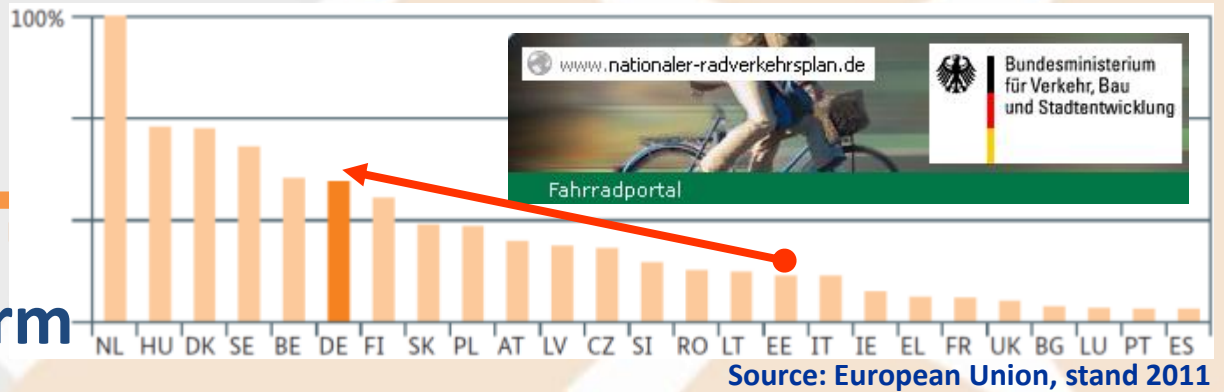


all pictures: VAR

4 Final Results

Planungsbüro Verkehrsalternative Rad (VAR) -

- Informationplattform (finest examples)
- Regular meetings / Prints
- Bike Tours (e. g. E-bikes)
- Realistic aims
- Celebrate the goals
- Activate potential / partners
- Long term assignment
- Think-tank /different solutions
- Local budget (8€ / Inhabitant / Year)



End

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Thank you for your Attention! Questions?



Source: www.radlust.info

Dipl.-Ing. Uwe Petry

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