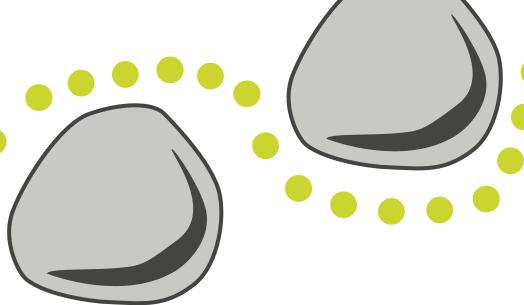


Bike parking Chances & stumbling blocks





#### awareness

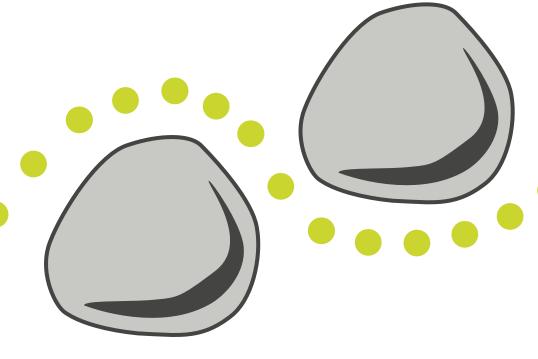


definition









competence/ federalism





### What is a bicycle?





- = vehicle
- parking garage
- ∧ on street parking 
  ✓



So where to park your bicycle







car parking = on street parking

#### bike racks = street equipment

- > quantity cautious erection & concerted with the specific street section
- > quality 1m space between bike racks 1,5m minimum/ 2m regular space between rows







§ 119 (5) apartments & their accessories

## demands a storage room for buggies & bicycles

- > quantity appropriate & special importance
- > quality access & availability

Grafik: 2-2014 Drahtesel Das österreichische Fahrradmagazin

If it's in the code, it's in the budget!





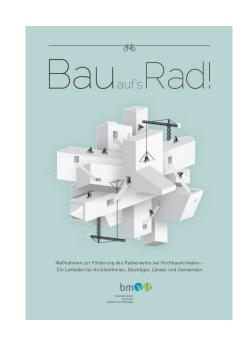


#### nationwide building code

- > guidelines 1 6
- > guideline 7 missing "Sustainable use of natural resources"
- > no rules on bicycles, but carparks & accessibility

#### **Build on bicycle!**

BMVIT Federal Ministry - Transport > recommendations as a manual & study









competence/ federalism

#### federal state

municipality

roofed bike rack/ 60m2 apartment (2013)

> Upper Austria

3.5 m2 bike parking indoor

0.5 m2 roofed bike racks (2013)

> Vorarlberg

Radbox & manual (90s/2011 & 2013)

2 bike racks/apartment (1999)

> Salzburg Land

1 indoor bike parking/30m2 apartment OR 2m2 indoor bike parking/apartment (2011)

> Vienna



#### Want a bike rack?

#### public space

- 1. ask MA28, if you have money
- 2. ask the district, otherwise
  - > on site inspection
  - > decision in own transport comittee
  - > budget
  - > advises MA28 to implement

#### private real estate

get subsidies from the city

- > minimum 5 years
- > bikebox max 50%, bike rack 100%









## Minimum Standards - quantity recommendation RADLOBBY Österreich



definition/ budget

#### 1 bicycle parking space for:

- > every 30 m2 sales area (commerce)
- > every 30 m2 useable living space (residential)
- > every 30 m2 office space

#### additionally 1 bicycle parking space for:

> every 5 members of staff (commerce/ industry)

#### additionally 1 bicycle parking space for guests for:

- > every 300m2 office space & useable living area
- > minimum 2 bicycle parking spaces at all



## Minimum Standards - quanlity recommendation RADLOBBY Österreich



definition/ budget

#### bicycle parking residences & offices:

- > 100% indoor
  - > min. 50% on the floor (staple parking possible)
  - > min. 20% reserved for special bicycles (ie cargo)

#### bicycle parking for commerce & industry:

- > 100% roofed
  - > 100% standing (staple parking possible)

#### guest bicycle parking:

> can be outdoor and without shelter



## Minimum Standards - quanlity recommendation RADLOBBY Österreich



definition/ budget

#### possibility to lock bicycles securely:

- > obligatory bike racks (standing or hanging)
  - > only exception: reserved space for special bikes
- > standing high-low-setting: min. 0,5m distance
- > standard bike racks: min. 1m distance
- > hanging: vertically offset min. 0,5m distance
- > bicycle frame must be lockable onto rack with a U-lock



## Minimum Standards - quanlity recommendation RADLOBBY Österreich



definition/ budget

#### accessibility:

- > parking depths & distance between rows: 2m
- > accessible, level, possibly direct access outdoors
- > aisle width 1,5m corners accessible for special bikes
- > different level
  - > elevator dimesioned for special bikes and/or
  - > ramp, max. gradient of 10%
- > outdoor, close to entrances and
- > decentralized, bike racks infront of each entrance



#### What needs to be done?

awareness

laws & guidelines a ideally nationwide ensure minimum standard joint approach on buildings & public space (entire journey of cyclists)





#### One day ...

1st question when developing a project will be ...



# Where will the cyclists park their bikes?

