

*Wuppertal Institute*

# **Cargo bike sharing and infrastructure for cycling**

## **Good practice from Germany**

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19 January 2022

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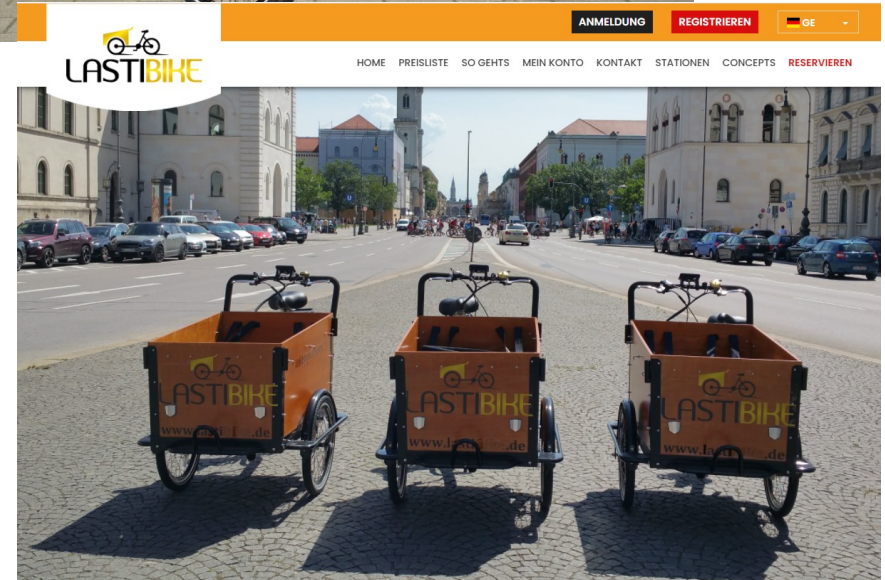
# Cargo bike sharing in Germany

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## Overview - Germany

- More than 130 cities and municipalities have a cargobike sharing system
- In many cities:
  - small projects with 1-10 cargobikes
  - provided by citizens' initiatives, associations or interest groups or municipal utilities

<https://www.cargobike.jetzt/tipps/staedteliste-sharing-systeme/#lastenrad-mieten-deutschland>



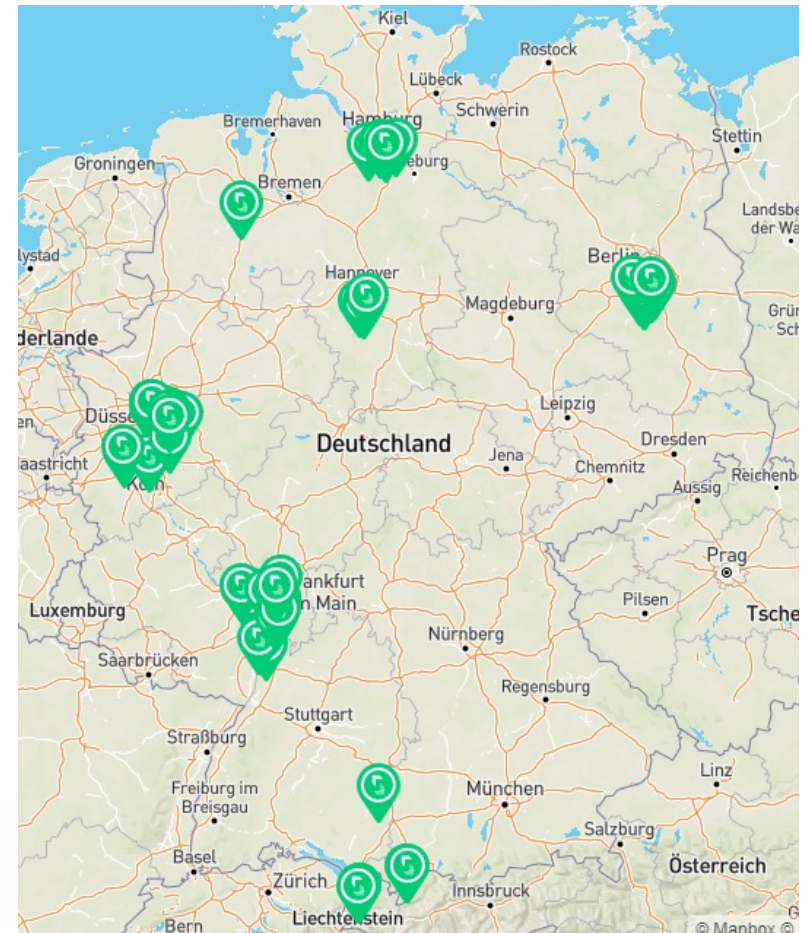
<https://lastenvelomannheim.de/>  
<https://www.lastibike.de/pricelist-de.php>

## Best Practice - Sigo

- Sharing locations in many cities
- Fully automated sharing and charging
- Station-based sharing
- Cooperations with Project developers and Housing companies, Public utilities or Municipalities
- 1,50 € per trip plus 1 € / 30 min



<https://sigo.green/>



<https://sigo.green/standorte/>

<https://sigo.green/>

## Best Practice - Sigo

### Sharing Process:

- Registration and Download App
- Reservation of the bike is possible 30 min in advance
- Scanning of QR-Code → Lending begins
- During the lending, bike can be locked at intermediate stops
- Return to the station

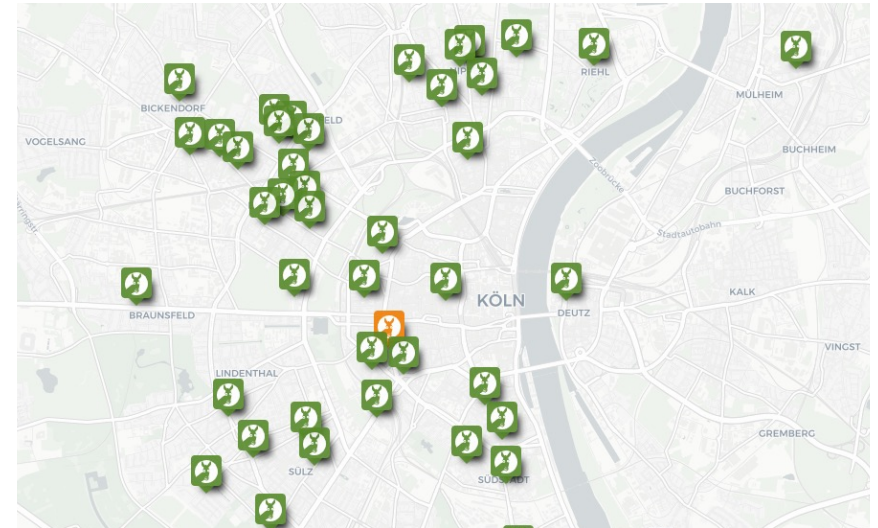


<https://sigo.green/>

<https://www.kommunaldirekt.de/e-lastenrad-verleih-mit-system/>

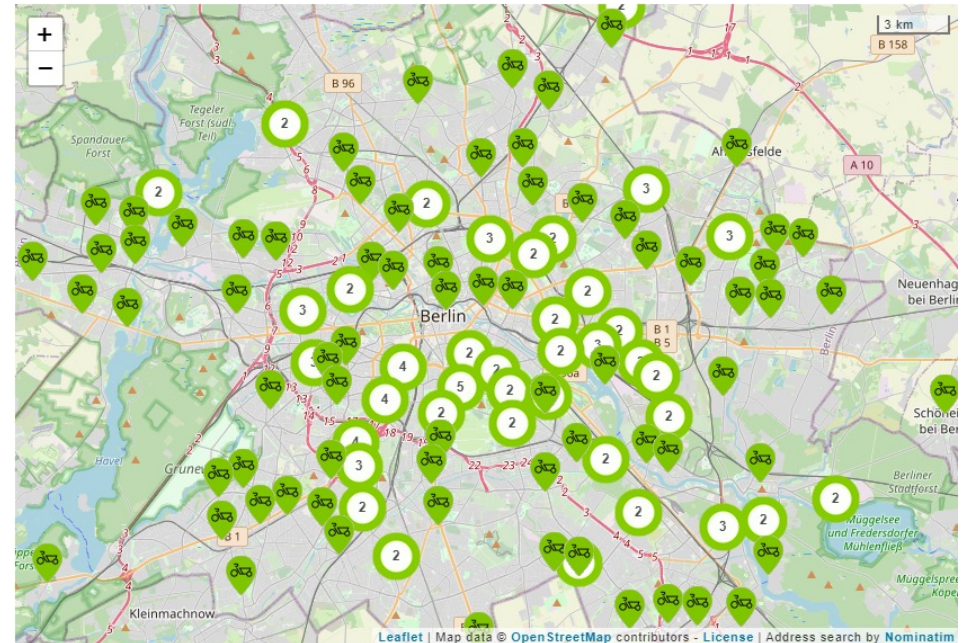
## Best Practice – Donk-EE

- Sharing locations in Cologne, provided by the green electricity provider Naturstrom
- Europe's largest e-bike rental system in one city: 50 Bikes across the city
- Station-based sharing, use via App
- Assistance and charging of the bike is provided by a partner at the station
- Price: 0,09€ per minute (max. 27€ per 24h)



## Best Practice – fLotte Berlin

- Run by the ADFC Berlin on a voluntary basis
- Free loan, donation-based system
- Almost 200 cargo bikes in Berlin and the surrounding area
- Lending is possible for up to 3 days



<https://flotte-berlin.de/>  
<https://flotte-berlin.de/ueber-uns/pressefotos/>

# Cycling infrastructure in Germany

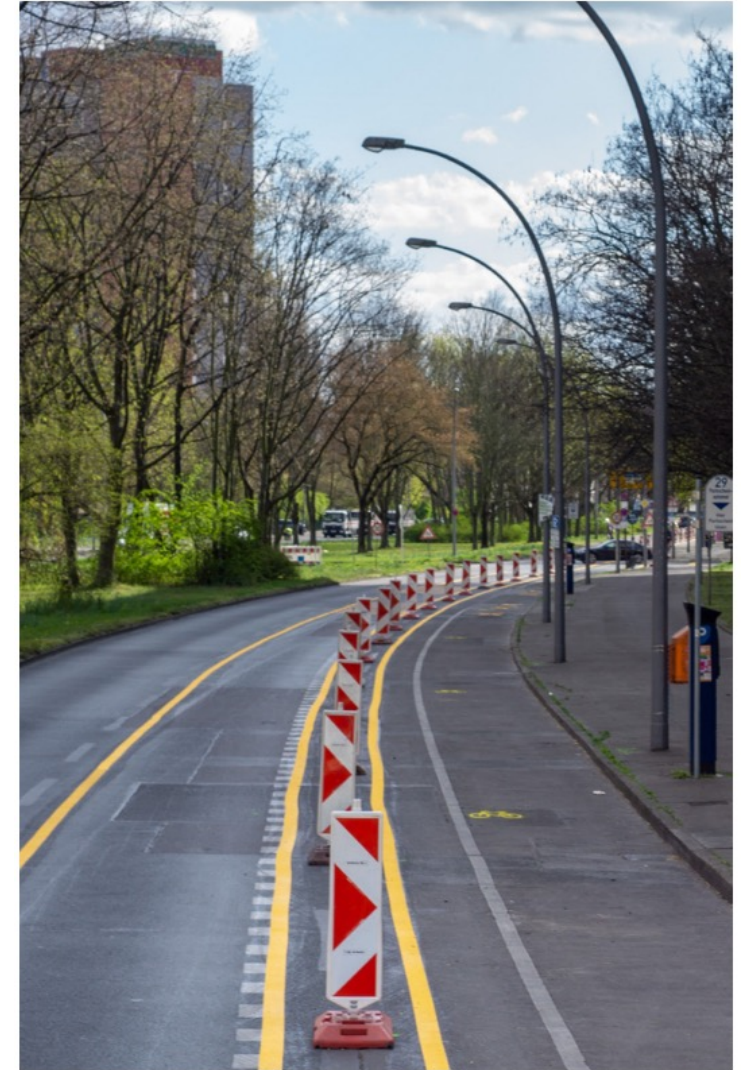
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## Berlin – Pop up bike lanes

- new, protected cycling facilities on main roads in Berlin: lanes on multi-lane roads were temporarily converted into cycle lanes
  - more than 25 km
  - lengthy planning steps were cut short to permanently provide safe bike lanes
- Initial data suggests a significant increase in cycling compared to the previous year.

[https://www.der-deutsche-fahrradpreis.de/wp-content/uploads/2021/03/DFP\\_Jurymappe2021\\_POPUPRADWEGE.pdf](https://www.der-deutsche-fahrradpreis.de/wp-content/uploads/2021/03/DFP_Jurymappe2021_POPUPRADWEGE.pdf)



## Berlin – „Mobilitätsgesetz“

- First federal state with a mobility law
  - Establishment of the priority of the public transport, walking and cycling
- “Vision Zero” (safety, zero road deaths)
- Enable and facilitate the switch to environmentally friendly means of transport.
- All planning must comply with the guidelines of the law.



<https://www.berlin.de/sen/uvk/verkehr/verkehrspolitik/mobilitaetsgesetz/>

[https://www.berlin.de/sen/uvk/\\_assets/verkehr/verkehrspolitik/mobilitaetsgesetz/mobilitaetsgesetz\\_broschuere.pdf](https://www.berlin.de/sen/uvk/_assets/verkehr/verkehrspolitik/mobilitaetsgesetz/mobilitaetsgesetz_broschuere.pdf)

## Münster – „Fahrradstraßen 2.0“

- 2019 resolution for high quality standards for cycle lanes
    - Priority for cyclists
    - Width of 4-5 m plus safety space
    - Restriction of motor vehicle traffic
    - Red colouring
  - 2020: 8 cycle lanes were implemented according to the new standards
- Improvement of safety, Comfort, velocity and quality of stay

[https://www.der-deutsche-fahrradpreis.de/wp-content/uploads/2021/03/DFP\\_Jurymappe2021\\_FahrradstrassenMuenster.pdf](https://www.der-deutsche-fahrradpreis.de/wp-content/uploads/2021/03/DFP_Jurymappe2021_FahrradstrassenMuenster.pdf)



## NRW – RS 1

- Goals of the cycling expressway:
  - To be Europe's longest expressway with a length of over 100 km.
  - It should enable high travel speeds and minimise the time lost due to waiting and stopping
- Already implemented: individual sections, e.g. between Mülheim and Essen (15 km)
- Fast and safe cycling all year round in the metropolitan region

<https://www.rvr.ruhr/themen/mobilitaet/radschnellwege-ruhr/>  
<https://www.radschnellwege.nrw/rs1-radschnellweg-ruhr>  
[https://www.strassen.nrw.de/files/oe/Radwege/Radschnellwege/20170824\\_strassen\\_nrw\\_faltblatt\\_radschnellwege\\_dt\\_5\\_aufgabe.pdf](https://www.strassen.nrw.de/files/oe/Radwege/Radschnellwege/20170824_strassen_nrw_faltblatt_radschnellwege_dt_5_aufgabe.pdf)



## Saarbrücken - Fahrradzone

- One of the first cycling zones in Germany, instrument of the new StVO.
- The following applies in the bicycle zone:
  - Cyclists are allowed to ride side by side, not be obstructed, determine the speed.
  - Motor vehicle traffic is only permitted as residents' traffic, strict overtaking regulations

→ Encouragement of cycling and visibility

→ Safety, environmental and health benefits

<https://vep.saarbruecken.de/media/download-6042573116a9c>

[https://vep.saarbruecken.de/umsetzung/radverkehr/aktuelles/fahrradzone\\_nauwieser\\_viertel](https://vep.saarbruecken.de/umsetzung/radverkehr/aktuelles/fahrradzone_nauwieser_viertel)

[https://www.der-deutsche-fahrradpreis.de/wp-content/uploads/2022/01/Jurymappe2022\\_web.pdf](https://www.der-deutsche-fahrradpreis.de/wp-content/uploads/2022/01/Jurymappe2022_web.pdf)



## Karlsruhe – Bicycle stations at the main railway station

- Two cycle parking facilities at the main station with a total of over 1000 parking spaces
- Converted from former underground car parks.
- Parking spaces for cargo bikes, trailers etc. as well as charging facilities are available
- Direct access to the tracks and convenient transport connections
- Covered, guarded and open 24h/7



<https://www.karlsruhe.de/b3/mobilitaet/radverkehr/fahrradabstellanlagen/fahrradstationen.de>  
[https://www.der-deutsche-fahrradpreis.de/fileadmin/bfb\\_dateien/Download\\_2020/Nr\\_32.pdf](https://www.der-deutsche-fahrradpreis.de/fileadmin/bfb_dateien/Download_2020/Nr_32.pdf)

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**Thank you**  
**for your attention!**

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