

# Challenges in urban space and good practices

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URBAN LOGISTICS AS AN ON-DEMAND SERVICE





greening

greening

Bus

Car parking

Social interaction

Art

Bike parking

Social interaction

Street café

driving

Social interaction

market

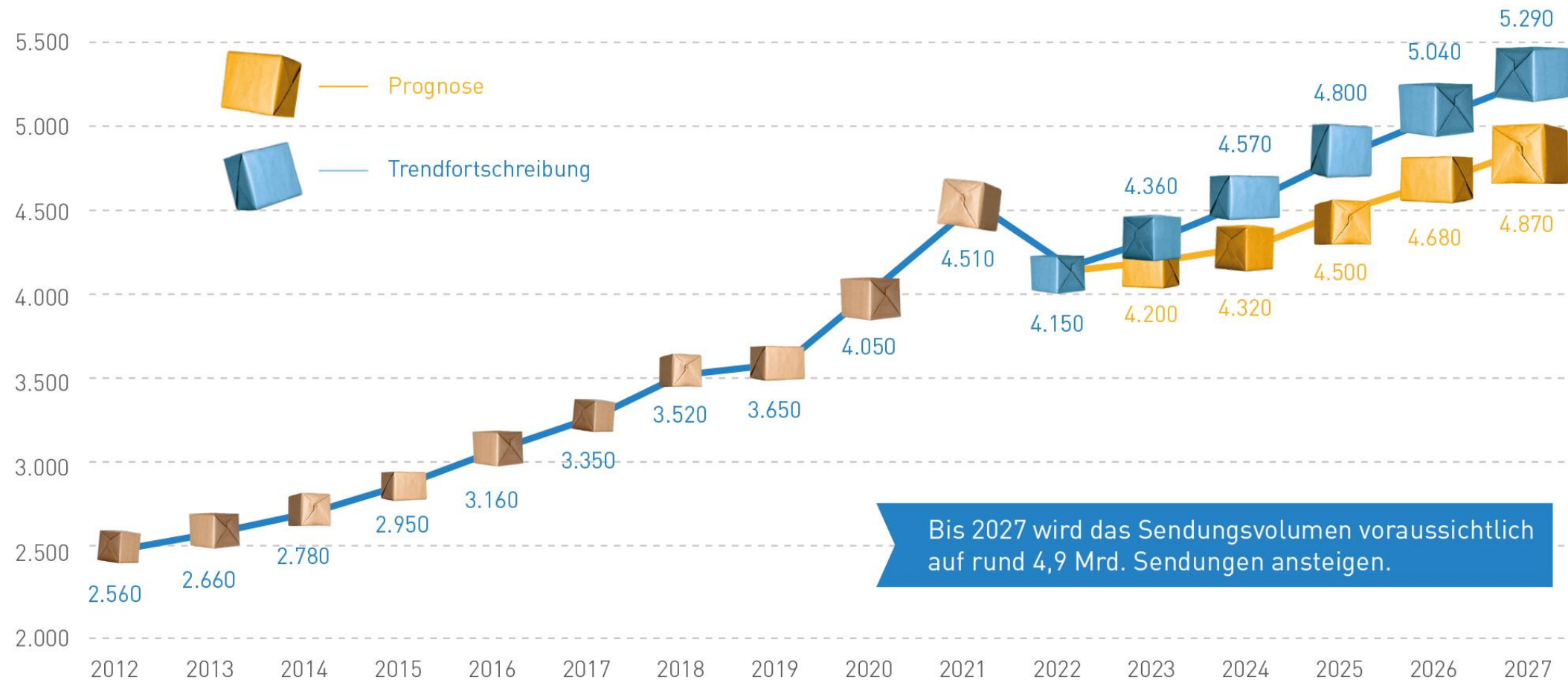
Rain water management

walking

cycling



# Increasing volume of deliveries



Prognostizierte Entwicklung des KEP-Sendungsvolumens bis 2027 (in Mio. Sendungen)



# Last mile as challenge







The dream:  
delivery zone available



**The reality:  
delivery zone occupied  
(illegal parking)**







Abb. Süddeutsche Zeitung

Golf 1: 3705 x 1610 x 1390 mm

Golf 7: 4255 x 1799 x 1452 mm



The +20 cm increase in length of cars 2002-2022  
in the EU means

**50,000 kilometres**

end-to-end additional road space occupation







RUD- RM 290

FAUN ZUVERLÄSSIG FORTSCHRITTLICH

A

Einbahnstraße



frei





Requires space:

Bicycle parking



before



after



after



Requires space:

E-charging infrastructure



Example Bremen 2030:  
5,000 publically  
accessible charging points





Requires space:

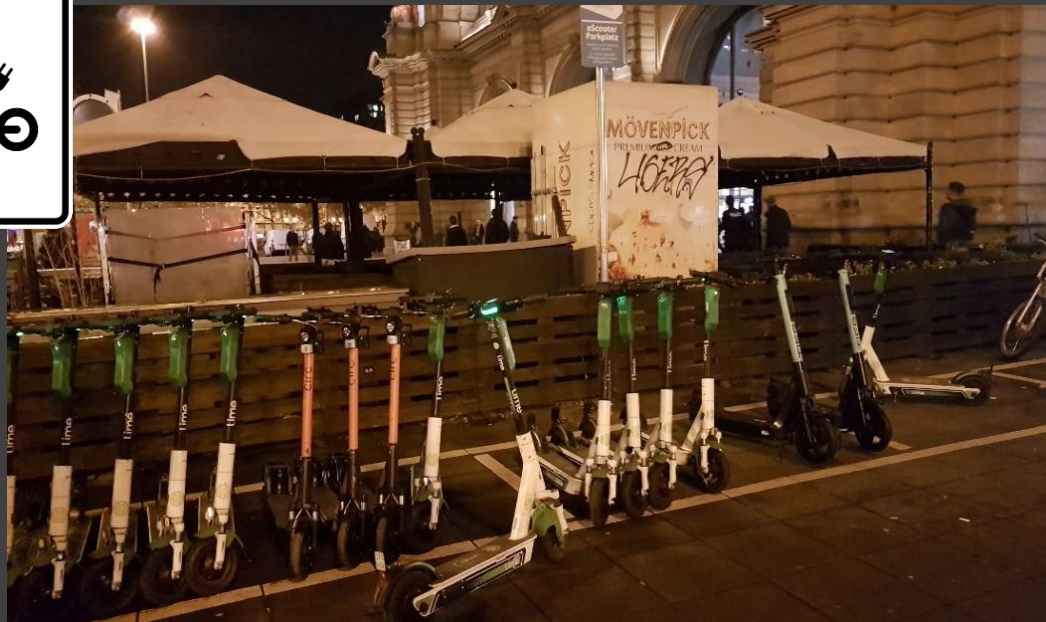
E-charging infrastructure



Example Bremen 2030:  
5,000 publically  
accessible charging points







Requires space :

Stations for  
e-scooter sharing,  
cargobike sharing





# Requires space: Car sharing stations





## Requires space:

- Social communications
- Climate adaptation: green, unsealing





Requires space :

Innovative solutions for urban delivery (e.g. delivery areas; micro-hubs)



Delivery zones in Paris



Requires space :

Innovative solutions for urban delivery (e.g. delivery areas; micro-hubs)



Cargobike delivery zones in Paris



Requires space :

Innovative solutions for urban delivery (e.g. delivery areas; micro-hubs)



Delivery zones in Barcelona



Requires space :

Innovative solutions for urban delivery (e.g. delivery areas; micro-hubs)



So stellt sich der BIEK eine Ladezone für Paketzusteller vor.

Quelle: BIEK-Erklärfilm



Revision of German Highway Code:  
Delivery zone to be introduced

Will only work with strict enforcement



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Innovative solutions for  
urban delivery  
(e.g. delivery areas;  
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Quelle: BIEK-Erklärfilm

Media reaction to conversion of car-parking to  
delivery zone for clean delivery vehicles:  
„car drivers annoyed by eco-parking space“

