



Practical implementation of mobility measures/cargo bikes in Greifswald

UBC Sustainable Cities Commission meeting

13th of September 2018

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Agenda

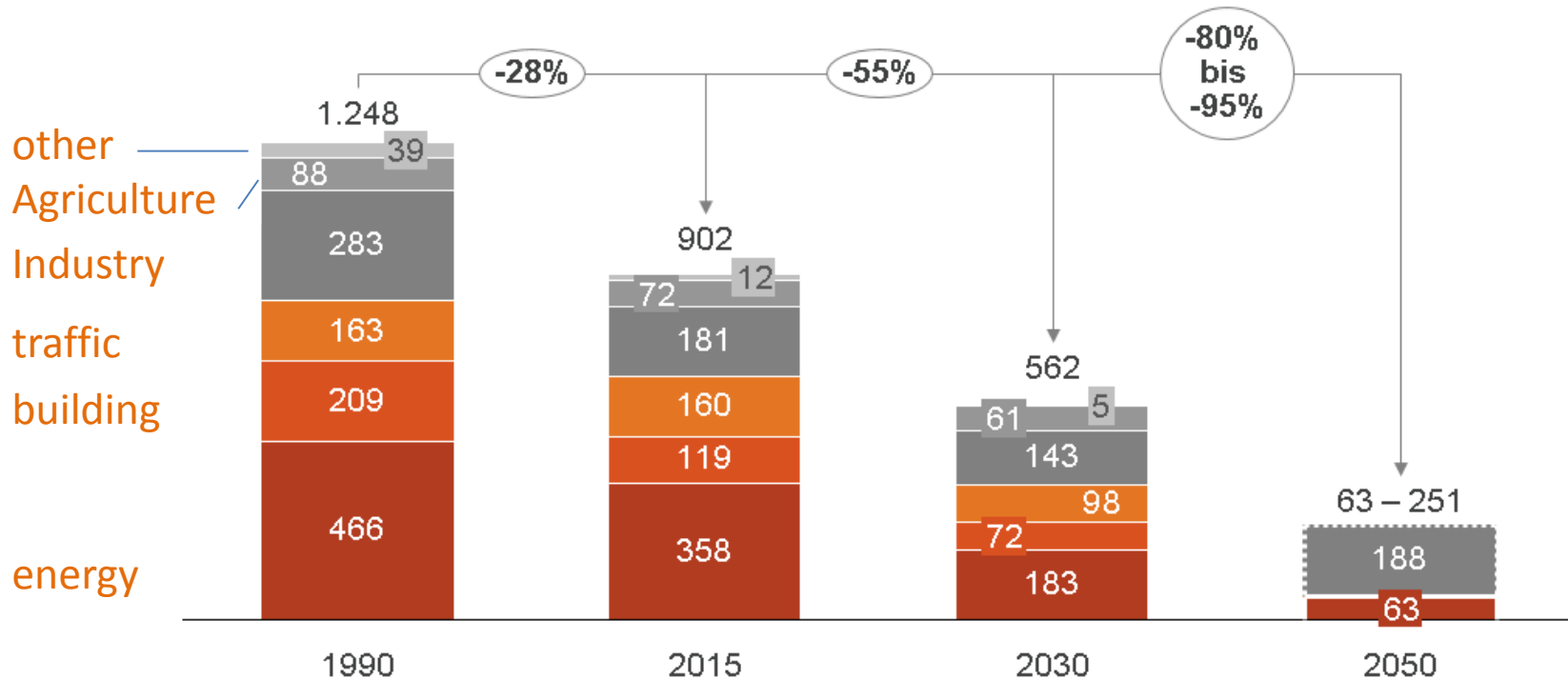
1. Introduction – Climate protection in Greifswald
2. The transport sector in the climate protection process
3. Modal split in Greifswald
4. Municipal fleet
5. Cargo bikes

Introduction



German climate protection plan

Objectives for emission reduction



Depending on the scenario, emissions are to be reduced by 80 to 95% by 2050 compared to 1990 levels.

decision: Nov. 2016

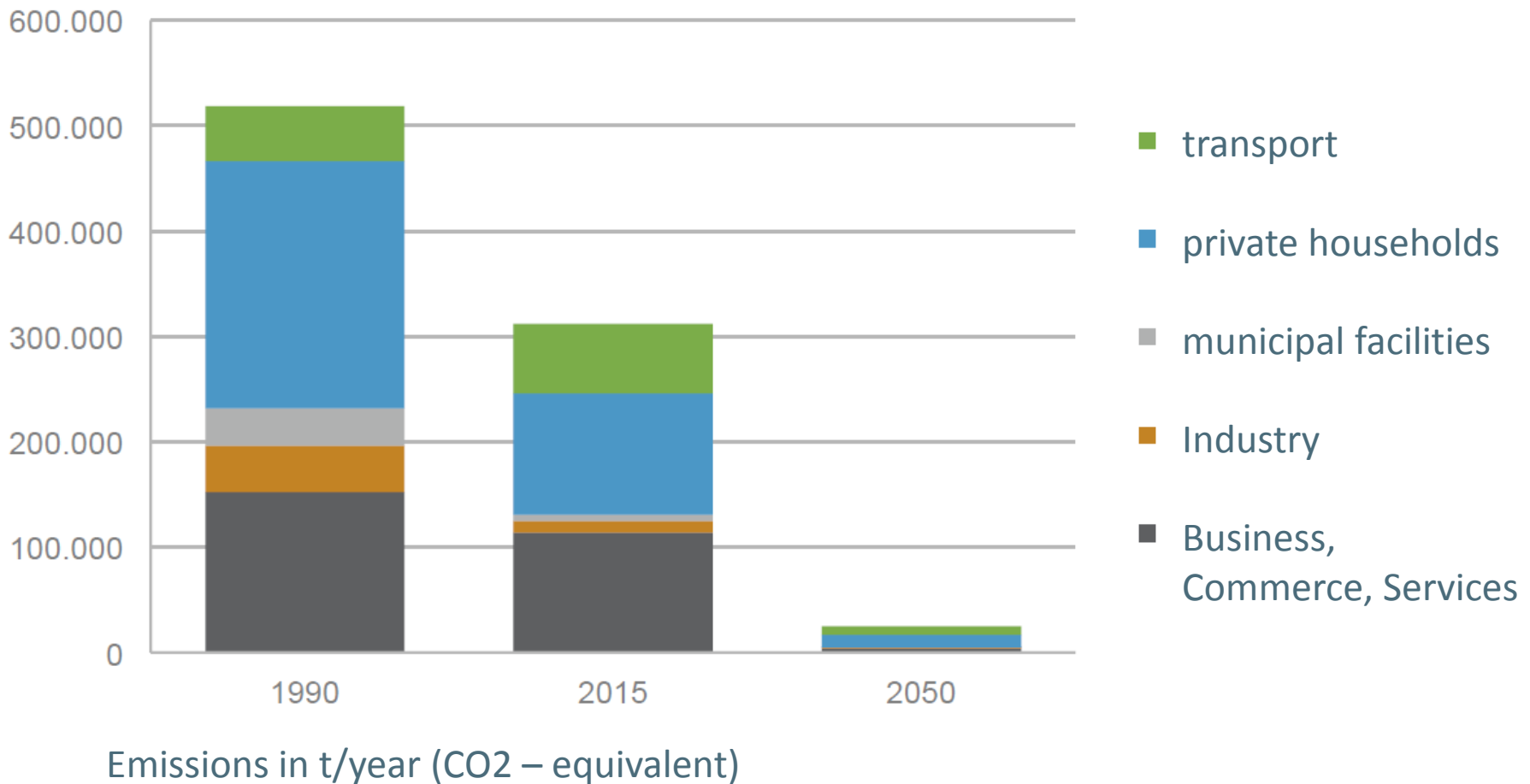
Quelle: Deutscher Klimaschutzplan

Introduction

Greifswald climate protection plan: „Masterplan 100% Climate Protection“



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Introduction

Greifswald is acting in global responsibility - SDG and FairTrade Town -



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Greifswald signed a resolution in April 2018

The traffic sector in the climate protection process



Sektor	1990	2015	2050	Saldo THG 2015 zu 1990		Saldo THG 2050 zu 1990	
	THG	THG	THG	Absolut	Prozent	Absolut	Prozent
Gewerbe, Handel, Dienstleistungen	152.520	114.241	4.063	-38.279	-25%	-148.457	-97%
Industrie	44.185	11.051	524	-33.134	-75%	-43.661	-99%
Kommunale Einrichtungen	34.602	5.427	402	-29.175	-84%	-34.200	-99%
Private Haushalte	234.897	115.355	12.321	-119.542	-51%	-222.576	-95%
Traffic	51.840	65.789	8.061	13.949	27%	-43.779	-84%
Gesamt	518.044	311.863	25.371	-206.181	-40%	-492.673	-95%

Emissions in t/year (CO₂ – equivalent) and reduction in t and %

Masterplan 100% Climate Protection

The traffic sector in the climate protection process



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Next steps

- analyse and change municipal fleet of vehicles
- fair trade /sustainable city
- bicycle garage at the station
- network bicycle friendly cities
- local government as a bicycle friendly employer
- public activities like „Stadtradeln“, day of renewable energies, climate protection day
- cargo bikes (south baltic project)
- improvement of the cycle path network
- conception of charging stations for e-cars

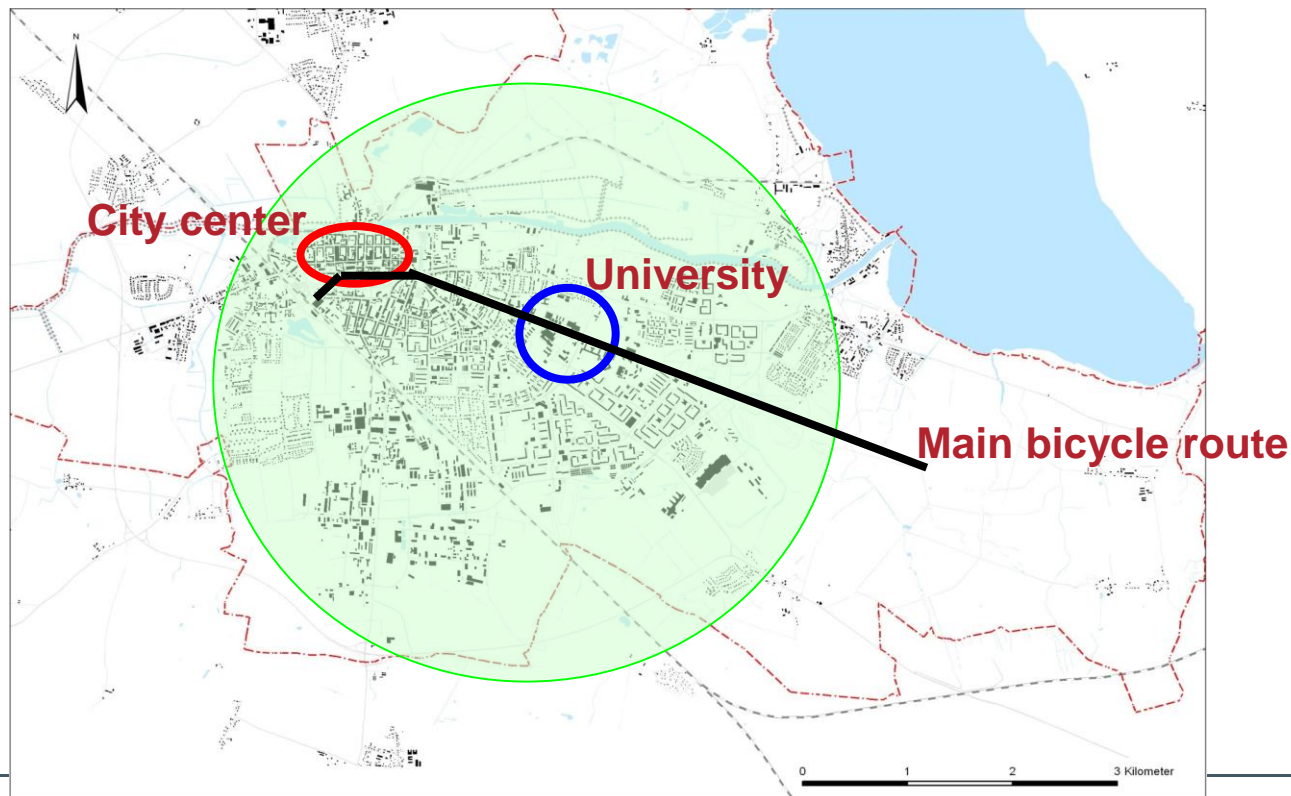
Modal split in Greifswald

- Investigation of the Choice
- of means of transport -



Greifswald – a compact City

Greifswald has almost 60,000 inhabitants and 95 % of the people live within a circle with a radius of 3 km



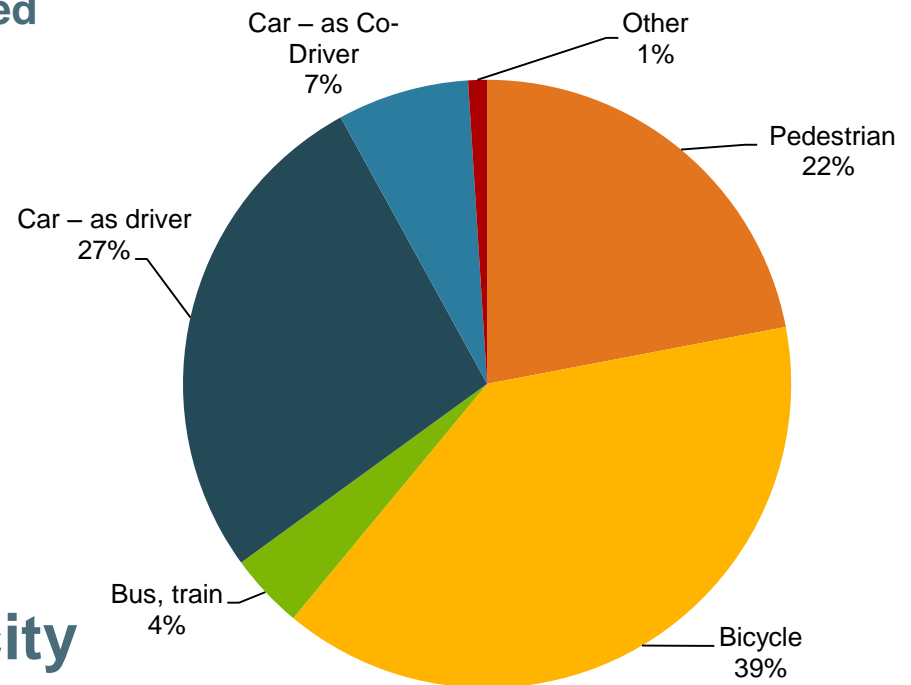
Modal split in Greifswald



Results of the Household Survey 2014

- 2.500 households were interviewed
- The ways of 743 persons were evaluated
- The ways were gone:

39 % by bicycle
34 % by car
22 % by foot
4 % by bus



Greifswald is a bicycle city

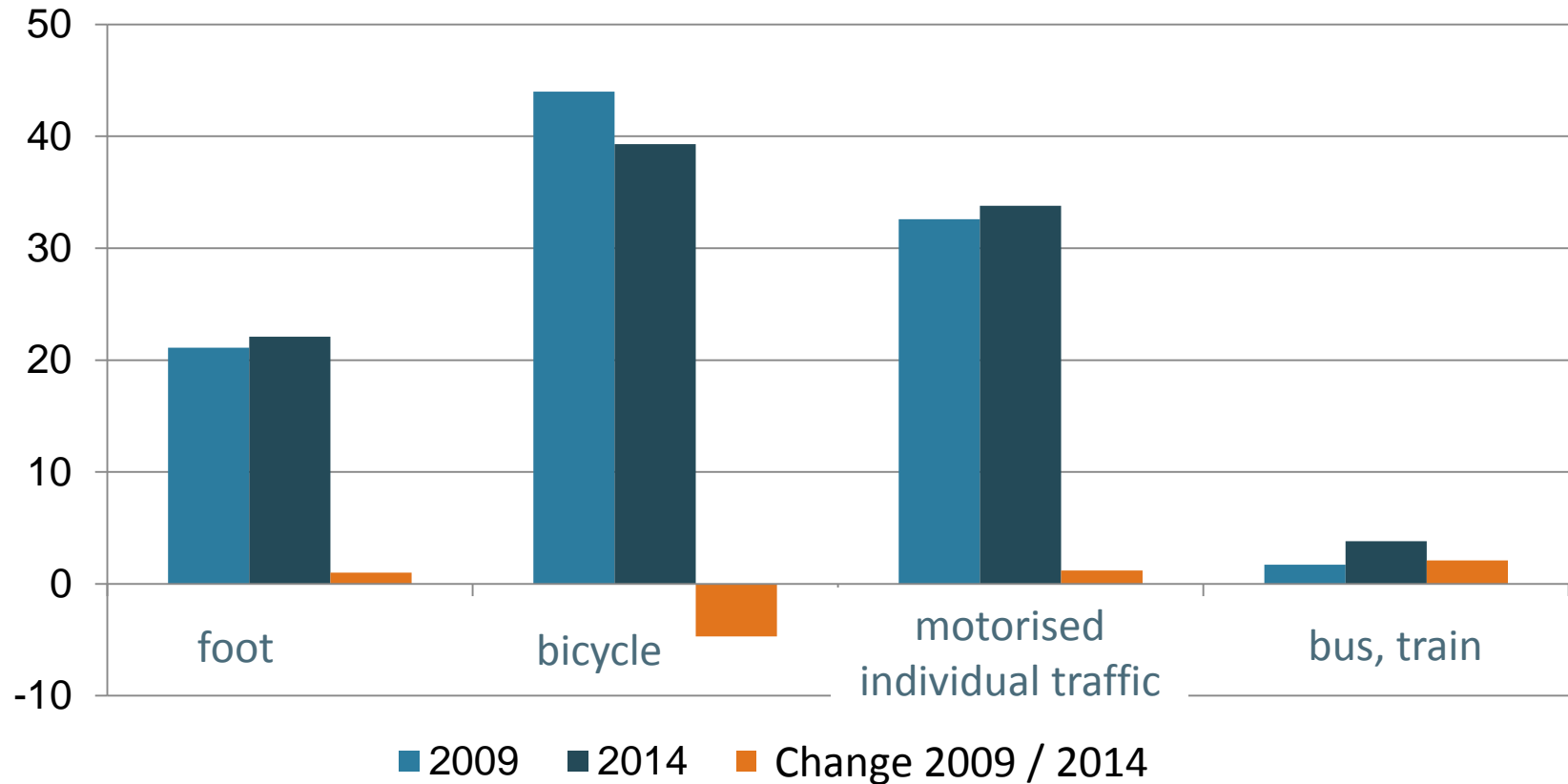
Modal split in Greifswald



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Results of the Household Survey

May 2009 and November 2014 in comparison





Analyses of municipal car fleet

- no special cars/transporters are regarded
 - actual fleet: 13 cars
 - drivers logbooks are checked

 - fleet can be reduced to 8 cars
 - 7 electric cars are possible (1 car for longer distances remains necessary)

 - in case, that the changing of the fleet will be fundet by state (financing is critical, age structure of fleet has to be regarded)
-

Cargo bikes



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CoBiUM project start: februar 201
(duration 3 years)

target:

- visibility/testing
- evaluate potential for cargo bikes in smaller cities
- reduction of Emissions, noise
- Including 50.000€ to buy cargo bikes

City of Växjö

Danish Cycling Tourism

University of Greifswald

City of Slupsk

City of Gdynia

Energy Agency for Southeast Sweden

Associated partners

University and Hanseatic City Greifswald

Municipality of Slagelse

Municipality of Guldborgsund

 **Växjö kommun**
Europas grönaste stad

 DANISH CYCLING TOURISM

UNIVERSITÄT GREIFSWALD 

 **Slupsk**


GDYNIA
moje miasto

 **energi**kontor
sydost

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SLAGELSE
KOMMUNE


GULDBORGSUND



Cargo bikes



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CoBiUM project

target groups

- private transport
- trade, Service (e.g. kindergarten)
- municipality (e.g. municipal building yard)

- first 2 bicycles delivered in october (university computer center, municipal arborist)

Cargo bikes



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Cargo bike project of the church
* 2 kindergardens were testing
cargo bikes



- testing was very positive
- both kindergarden like to buy cargo bikes!

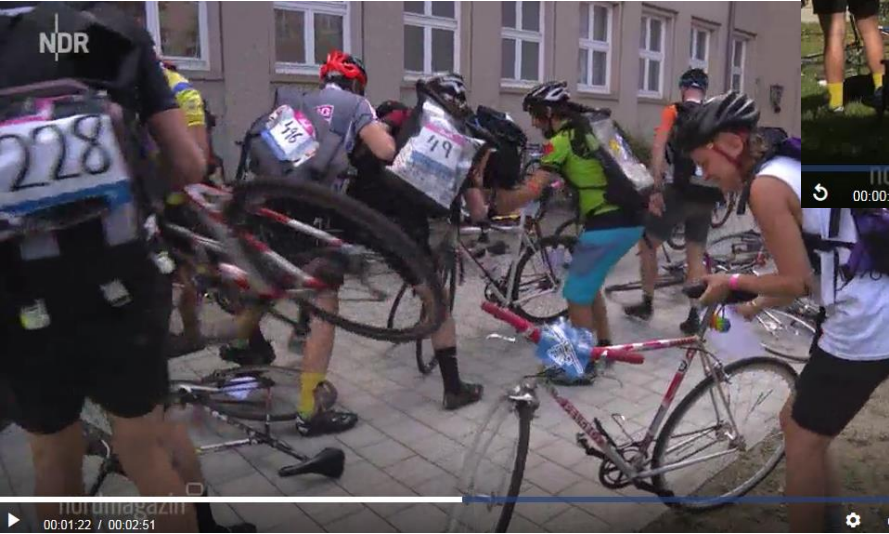


National initiative for
lending cargo bikes

German championships of bicycle couriers



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Cargo bike in use

Fotograf: Magnus Schult | Universität Greifswald