



# Local action plan Weiz & E-Charging infrastructure

# Weiz 2022, Basic Facts

- 2015: 11.375 EW
- 2022: 11.925 EW
- = +5 %**
- male: 48,4 %
- female: 51,6 %
- 12.618 incl. secondary residence
- AT Pass: 85,7 %
- Non AT Pass: 14,3 %
- 17,5 km<sup>2</sup> Area
- 660 residence / km<sup>2</sup>



# Leading companies & labor market City Weiz:

## ELEKTRO CAR



- AUTECA
- PRESSTEC
- FUEL SYSTEM



## Construction



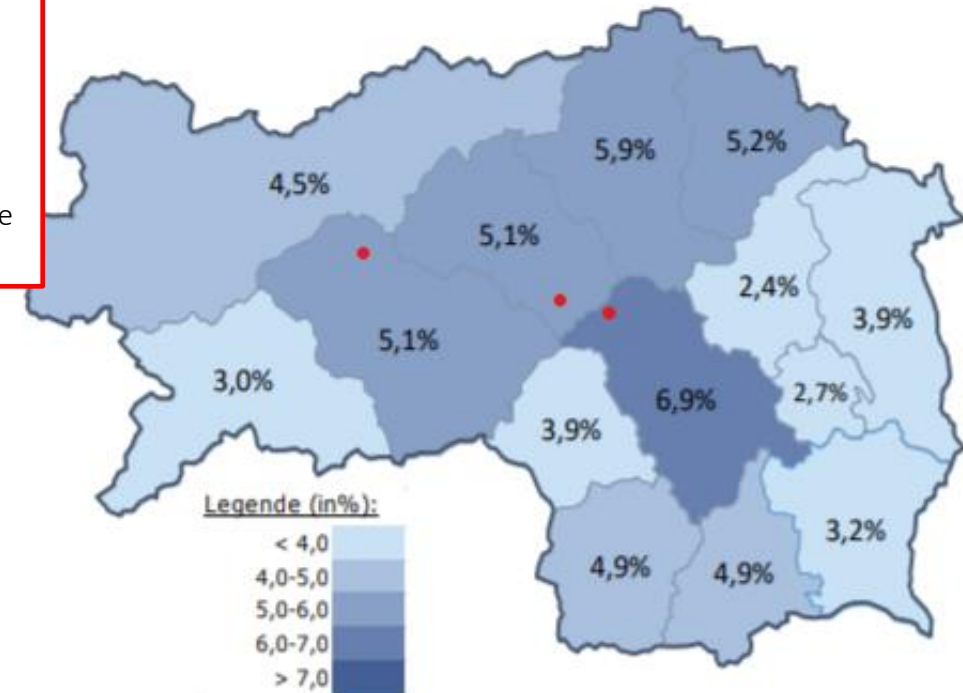
EUKI AaCTA  
Panel 2: 27.06.2022



## 05 2022, Unemployment Rate

- Österreich: 6,5 %
- Steiermark: 5,1 %
- Weiz: 2,4 %

In den letzten Jahren stets die niedrigste Arbeitslosigkeit in der Steiermark



# SECAP

## Strategy & Vision

## (Emissions-) Inventare

- Climate Change Prevention
  - Electricity, Heat, Mobility
  - 1990, 2005, 2017, 2019, ...
- Climate change adaptation
  - Risks & Vulnerability
  - Adaptation Scoreboard

## Measurements

- Climate Change Prevention
- Climate Change Adaptation

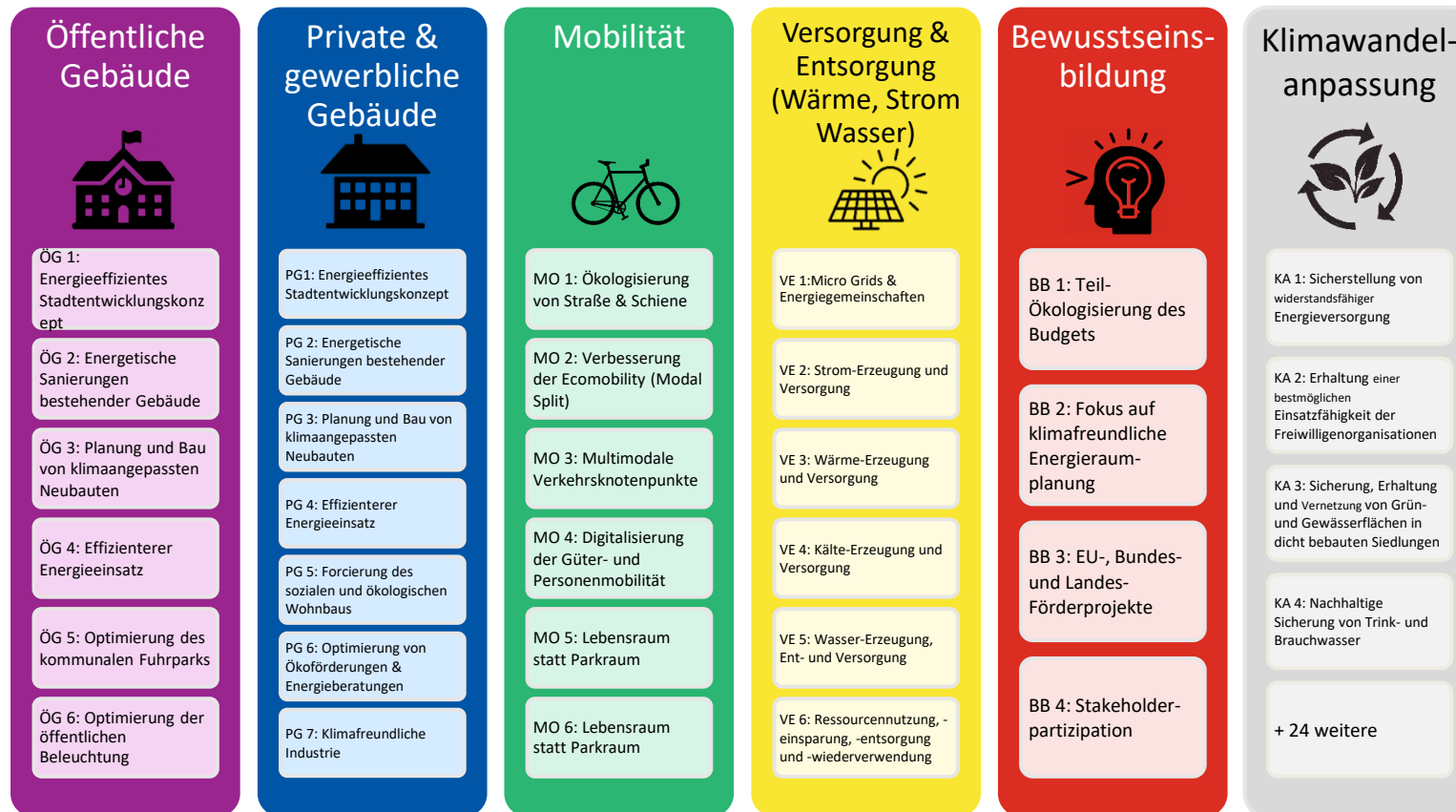
## Used tools

- EBO Energiebericht
- Wärmekataster des Innovationszentrum W.E.I.Z.
- Statistik Austria
- Österreich unterwegs 2013/2014
- Konvent der Bürgermeister
- e5 Programm
- EU-Umweltprogramm LIFE, Life Local Adapt, (extern)
- EU-Horizon2020, CoME EASY, (extern)

## Additional Projects

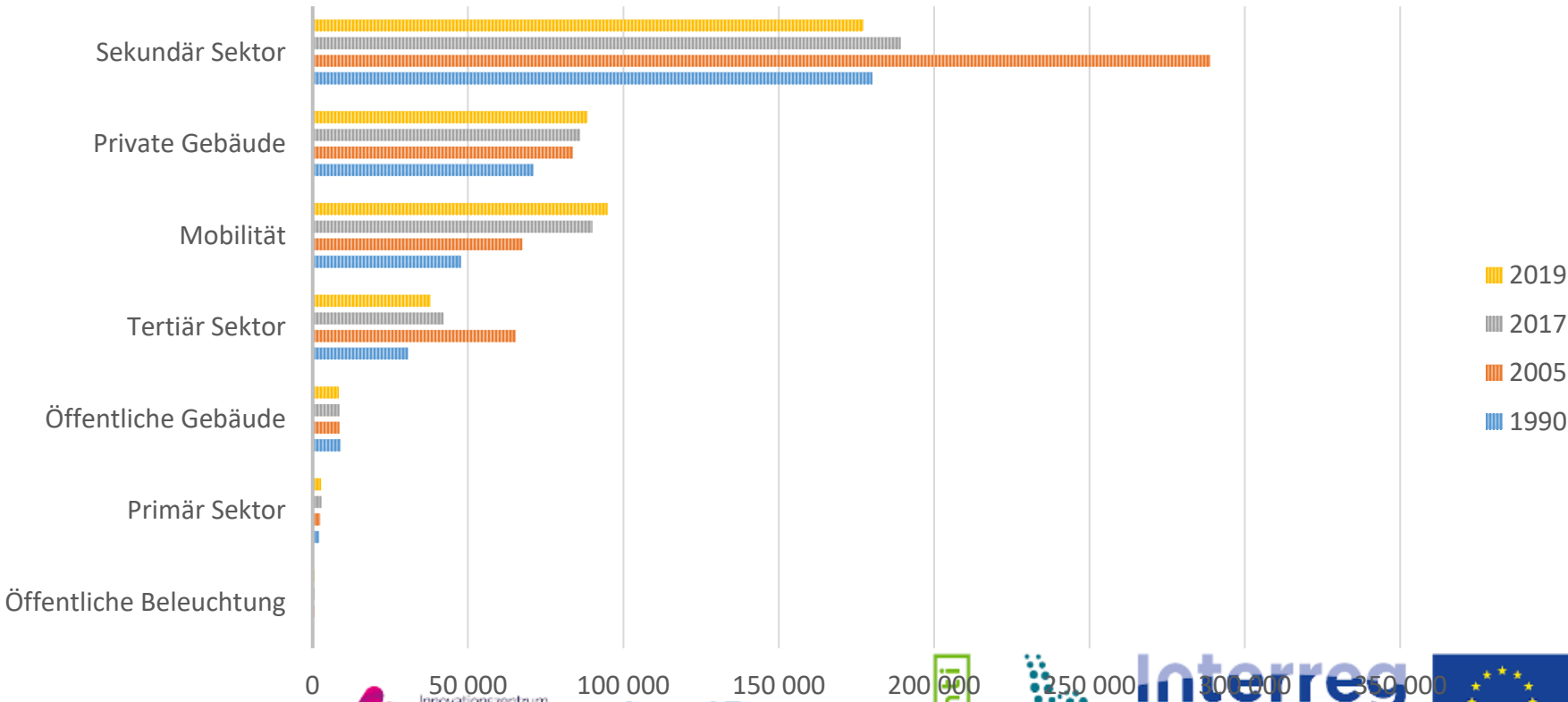
- Interreg Central Europe, CitiEnGov, CE 496
- Interreg Central Europe, Target-CE, CE 1666
- EU-Horizon2020, SENDER, 957755

# Actions – Climate Change Prevention & Climate Change Adaptation



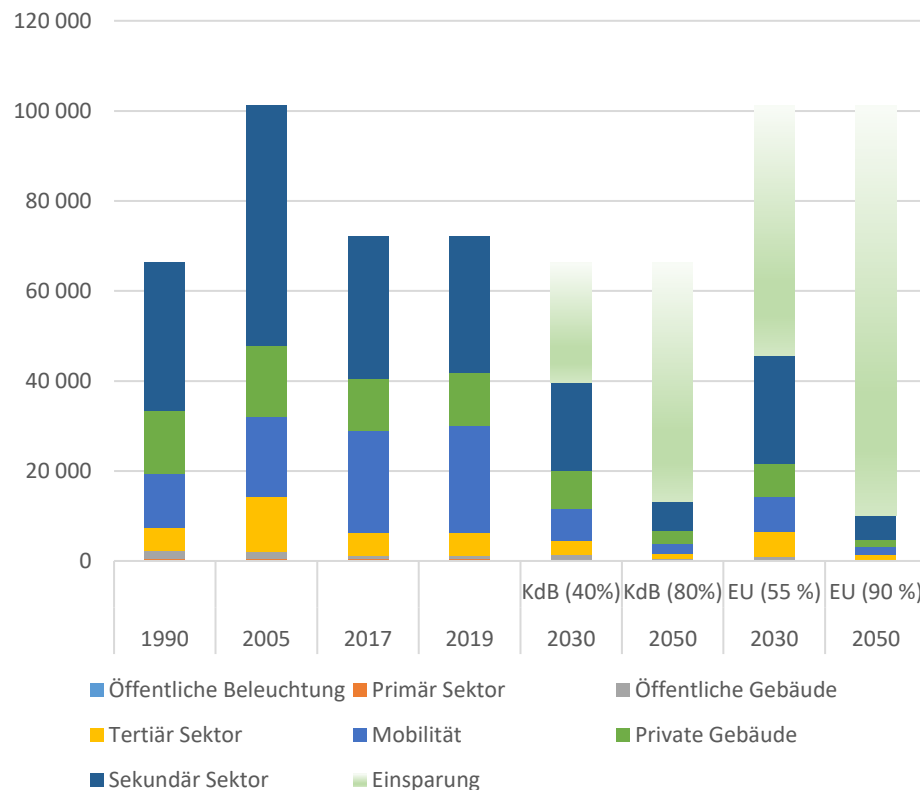
# Final energy consumption

STADTGEMEINDE WEIZ  
ENDENERGIEVERBRAUCH PRO SEKTOR  
IN MWH

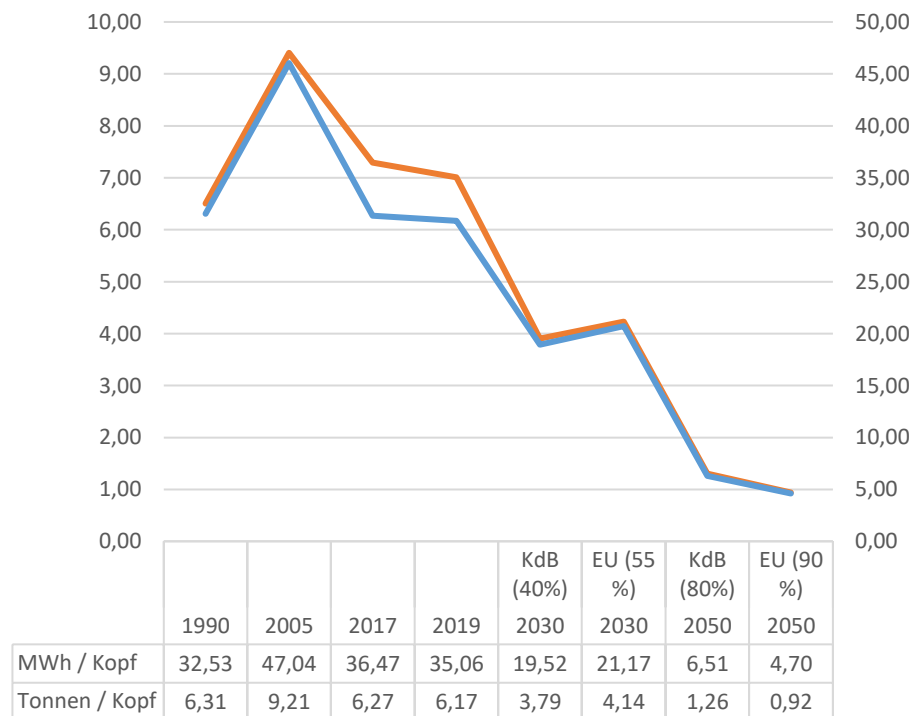


# SECAP City Weiz

Stadtgemeinde Weiz  
Treibhausgasemissionen – Reduktionsziel  
in t CO<sub>2</sub>



Stadtgemeinde Weiz  
Treibhausgasemissionen und  
Endenergieverbrauch pro Kopf



# Main Problem: Traffic Jam





# Figures Mobility City Weiz

## Mobility figures based on local surveys:

20.000 cars (of which  $> 2,400 = 12,5\%$  trucks) per day

8.220 commuters per day, into town

2.780 commuters per day, out of town

2.960 commuters per day, downtown

**Total ca. 14.000 employees per day**

## Additional:

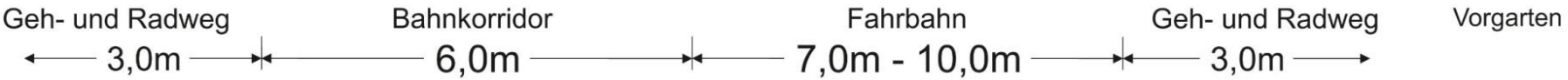
4.000 students per day

1 public train connection with Weiz

15 public bus connections with Weiz



# Layout: „Shared use of the main road“



# WeizBike- Public Bicycle rental system

- 14 Stations
- 99 Bicycles
- 38 E- Bikes



# E-Bikes involving Car dealers



# E-Mobility in Energy Region Weiz-Gleisdorf

All generation e-drive: 616 participants: 10 Monthss – 57.000 km

e-Cult: 100 Students tested 8 months differend E-bikes and e-rollers for daily use

e-public genius: 12 municipalities tested public E-vehicles



# E-Mobilität Weiz 2022 +





# E-Car-Sharing Weiz



3 E-Cars at 3 Charging stations

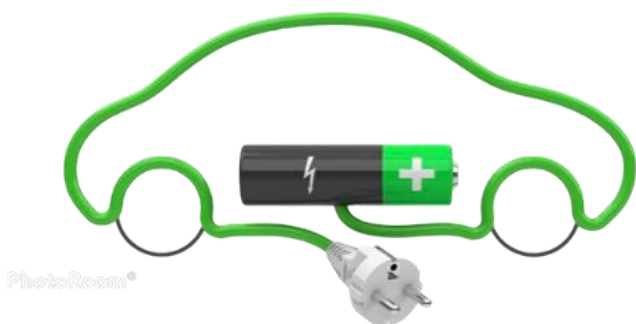
PPP with Ever-Green

Public E-Cars:  
2 Renault ZOE und 1 Hyundai Kona

Price per hour: 5,- €

Price per day: 40,- €

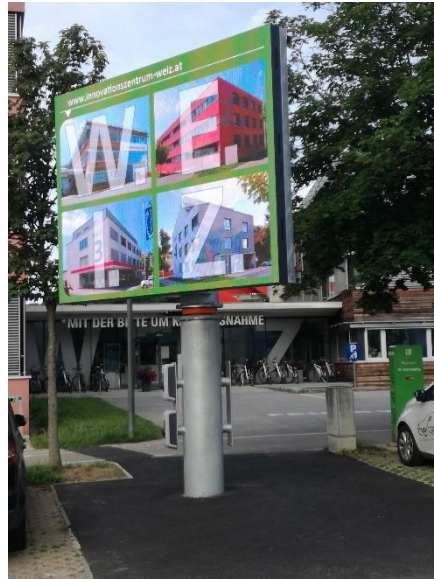
# Public and privat E – charging stations



- 4 x 22 kW, W.E.I.Z. by W.E.I.Z.
- 4 x 11 kW, JUFA Weiz by W.E.I.Z.
- 6 x 11kW, City Weiz by W.E.I.Z.
- 2 x 3,7 kW, City Weiz at „Elingasse“
- 2 x 22 kW, Energie Styria, Weiz/Werksweg
- 1 x 75 kW, Car dealer Weiz/Werksweg
- 1 x 22 kW, Car dealer Weiz/Werksweg
- 1 x 11 kW, HTBLA Weiz/Sandgasse
- 1 x 22 kW, Car dealer Weiz/Werksweg
- Betriebszeiten**
- 1 x 70 kW, Car dealer Weiz/Lärchenweg
- 2 x 22 kW, Car dealer Hyundai Weiz/Lärchenweg
- 2 x 22 kW Food shop, LIDL/Stadtparkquartier
- 4 X 22 kW Car dealer Mercedes Harb
- .....
- .....



# E-Charging W.E.I.Z. and JUFA, 2021 - 2022



<b>E-charging WEIZ:</b>	<b>2021</b>	<b>2022</b>
• Number of charging:	468	248
• Not successful charging:	1050	168
• Average charge kWh/charge:	18	16

<b>E-charging JUFA:</b>	<b>2021</b>	<b>2022</b>
• Number of charging:	175	109
• Not successful charging:	520	82
• Average charge kWh/charge:	16	15

# E-Charging W.E.I.Z. 2022 +

## Payment Terminal Charging Station



# Planned results of all measures

## Weiz „City for your People“

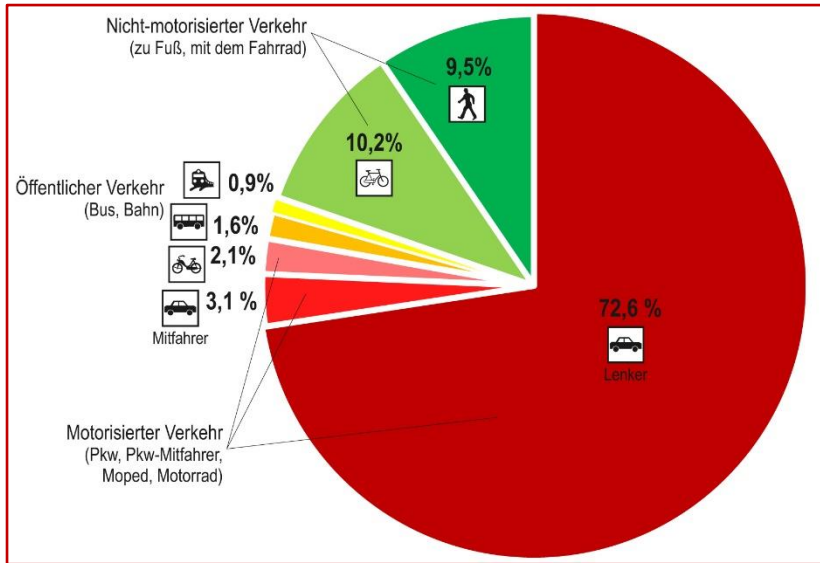
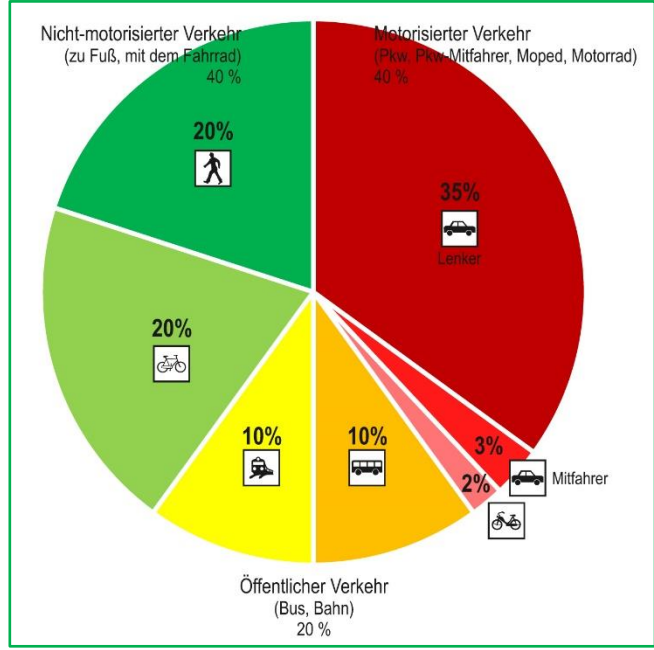
### Modal Split 2030:

1/3 MIV (E-Vehicles)

1/3 Non-MIV

1/3 Public-Mobility

Modal Split 2030:



Modal Split 2020:



# Innovationszentrum W.E.I.Z.



Der Standort für Forschung, Bildung & Wirtschaft

**Thank You for your Attention!**