



Climate- and Energy- Model Regions

Tourism

Climate Change impacts in Austria

Already happening
globally ~ + 1°C
Austria ~ +2°C

Paris agreement:
globally + 1,5 – 2°C
Austria ~ ? °C

Global scenarios:
5°C and even more
Austria ~ ? °C

winter tourism
influence on migration
droughts
pests – e.g. bark beetle
extreme weather events
urban overheating
water scarcity for
hydroelectroc power plants
increased mortality rate
during heat waves
.....

?

???



GHG emissions in the tourism sector

- Geographical approach, consumer based approach, caused GHG emissions per visitor???????
- 8% worldwide



0,4 t CO₂ Hamburg – Innsbruck roundtrip by car (per car)

2,5 t CO₂ Beijing – Innsbruck roundtrip by plane

0,2 t CO₂ Vienna – Tyrol roundtrip by car (per car)

0,016 t CO₂ Vienna – Tyrol roundtrip by train

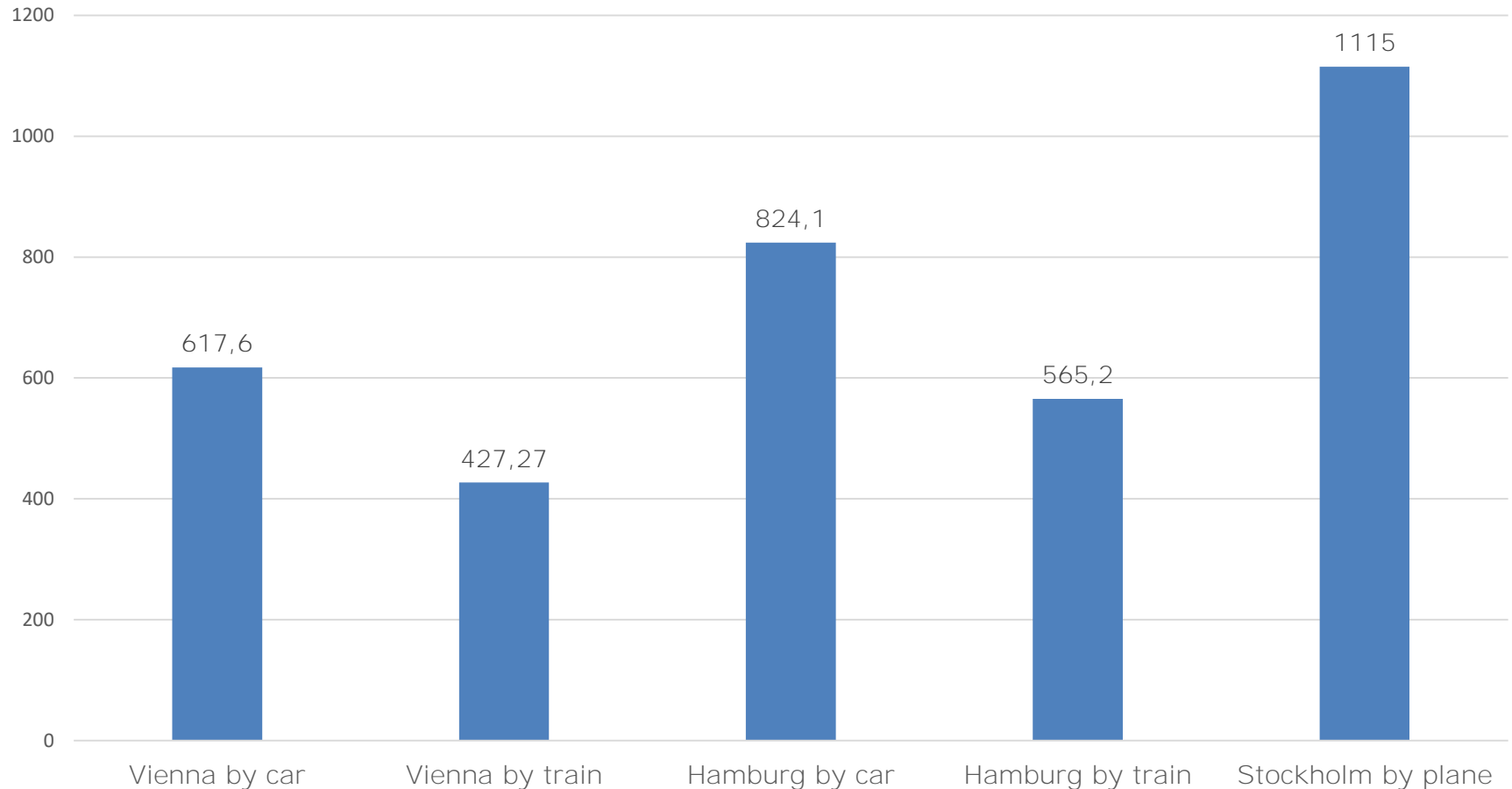
45 Mio. arrivals in Austria

Total CO₂ emissions during skiing vacation

Vienna to Tyrol (500 km)

7 nights, 4 star hotel, 7 days skiing, diesel car,

Carbon footprint calculator - Graz University of Technology

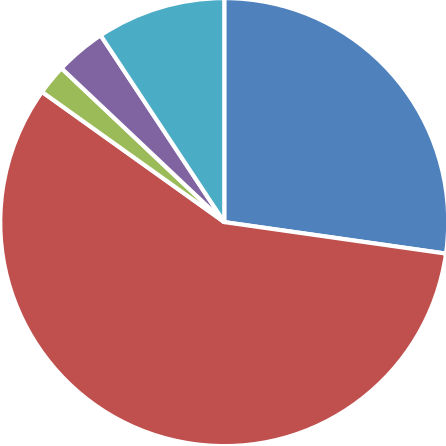


Distribution of CO₂ emissions during vacation

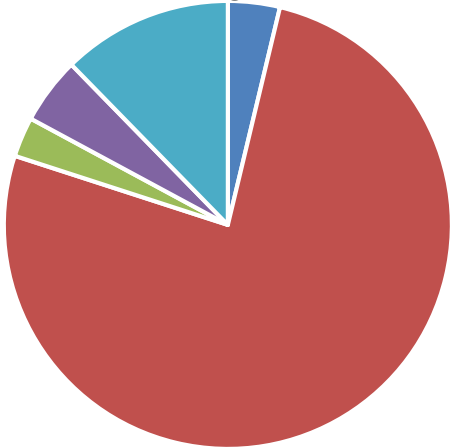
Carbon footprint calculator - Graz University of Technology

- Journey to Tyrol and back
- Accomodation
- Food
- On-site mobility
- Skiing

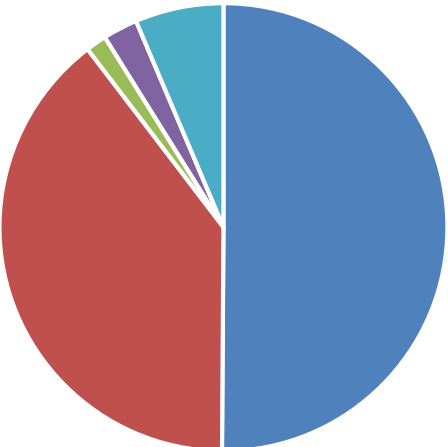
Hamburg by train



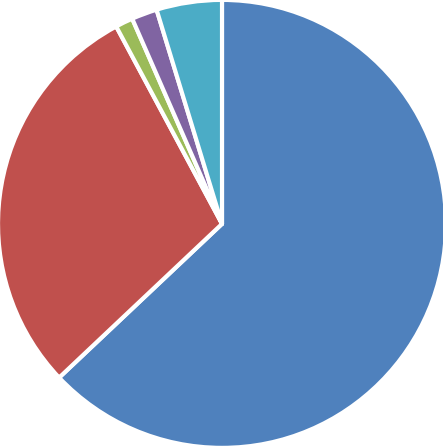
Vienna by train



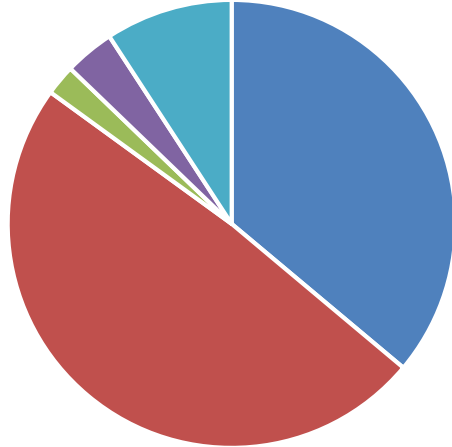
Hamburg by car



Stockholm by plane



Vienna by car





Balistar, ..., Strahlenschildkröte,
 ..., Kegellobe, ..., Nabelparder, ...;
 Roter Panda, ..., Mausmaki, ...,
 Indri, ..., Welfnickengeier, ..., Tiger, ...
 Dreiecksgürteltier, ..., Amur-Leopard, ...

BEDROHT

#mayofuture

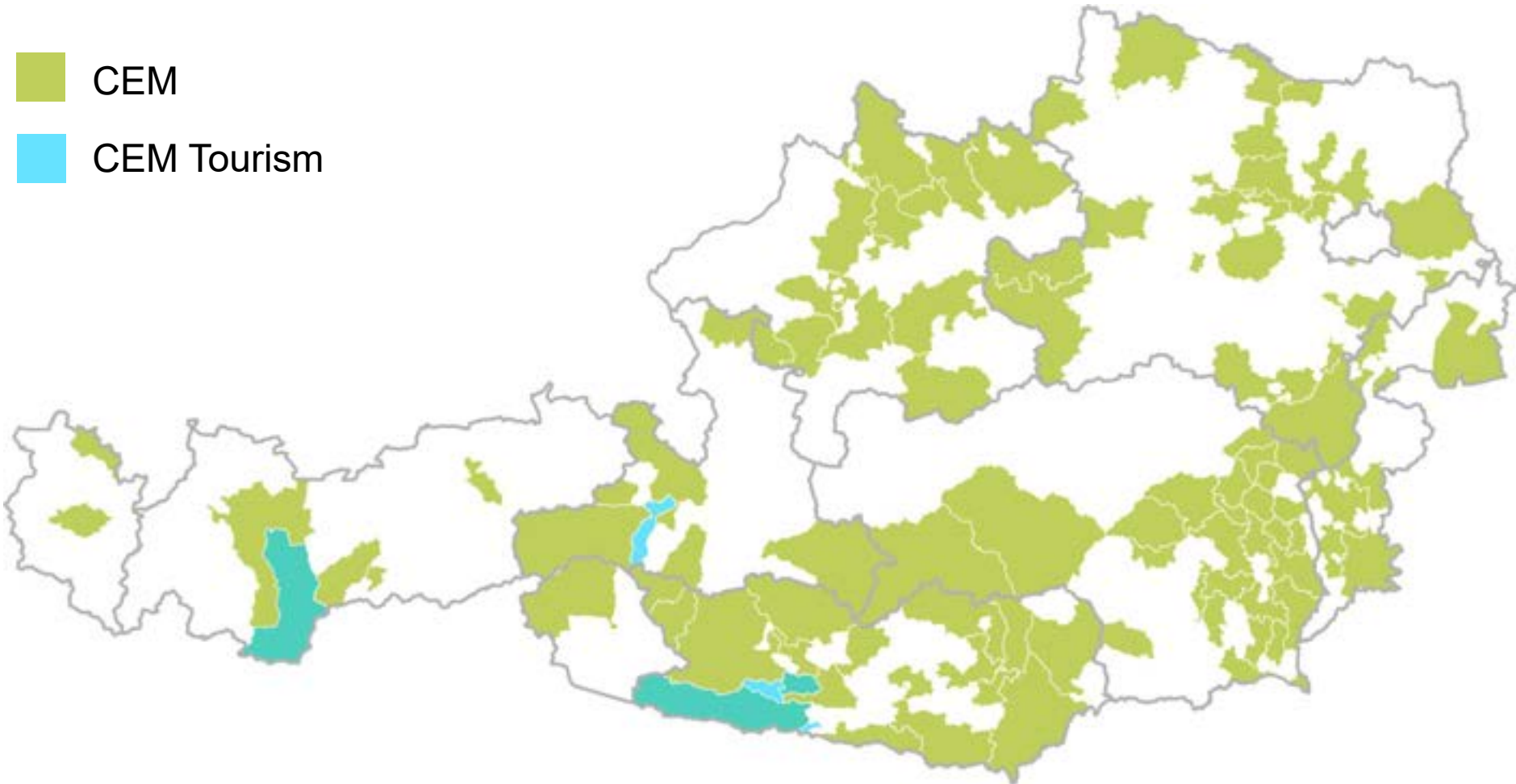
THE SIGN MUST GO ON!

EIS MIT DER GEFÄHRE

...blücher Flachlandgorilla, ..., Spitzmauln
 ..., Panzernashorn, ..., Koboldmak
 ..., großer Panda, ..., Blauschweizer, ..., Heerk
 ..., Mayottebrango, ..., Ok
 ..., Lederwildkröt
 ...-Chamäleon, ..., S
 VON BMU

Climate- and Energy-Model Regions in Austria

- CEM
- CEM Tourism





Klima- und Energie-
Modellregionen

Wir gestalten die Energiewende



CEM tourism

9 applications

3 regions in phase 2



**Zell am See
Kaprun**



Klima- und Energie-
Modellregionen

Wir gestalten die Energiewende



„**on** the path to becoming the most sustainable tourism destination in the world“

CEM tourism

- Energy efficiency
- *Buildungs*
- *Transport*
- *Tourist consumption / use of resources*
- *Renewable energy*
- *Cross-cutting issues:*
 - *range of touristic services*
 - *finance*

Next Steps

- deadline for detailed plan and 10 concrete actions: september 15th
- jury session in october: one winner
- 1 million Euros + additional subsidies
- 3 years to implement



Klima- und Energie-
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Wir gestalten die Energiewende



Get in contact



Zell am See
Kaprun