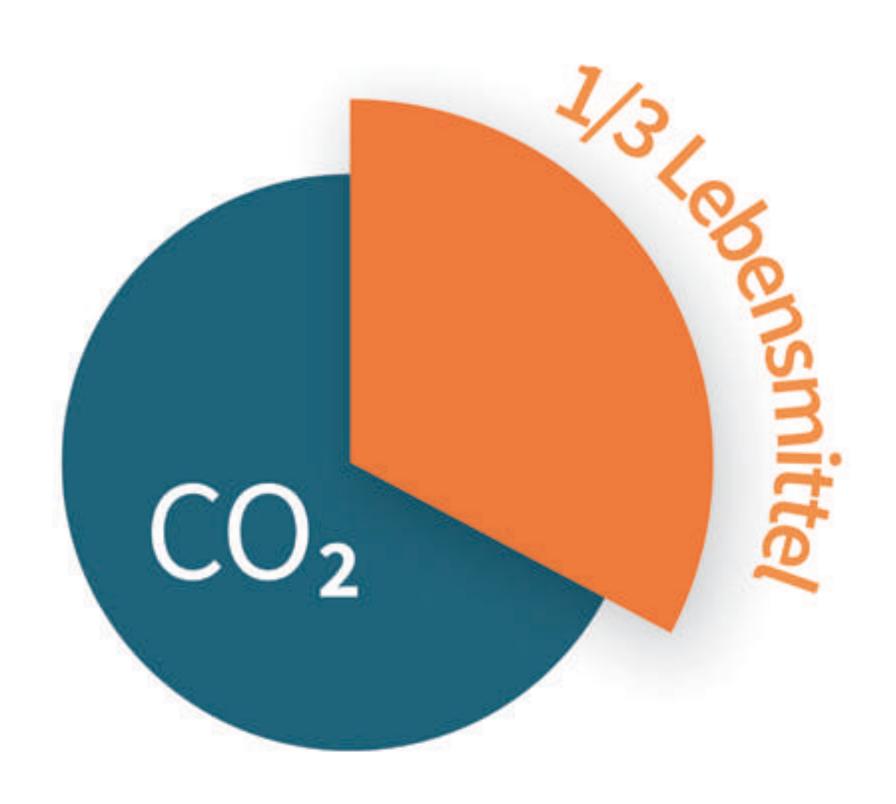
Pionierarbeit: Klima & Ernährung



Manuel Klarmann

29. August 2018

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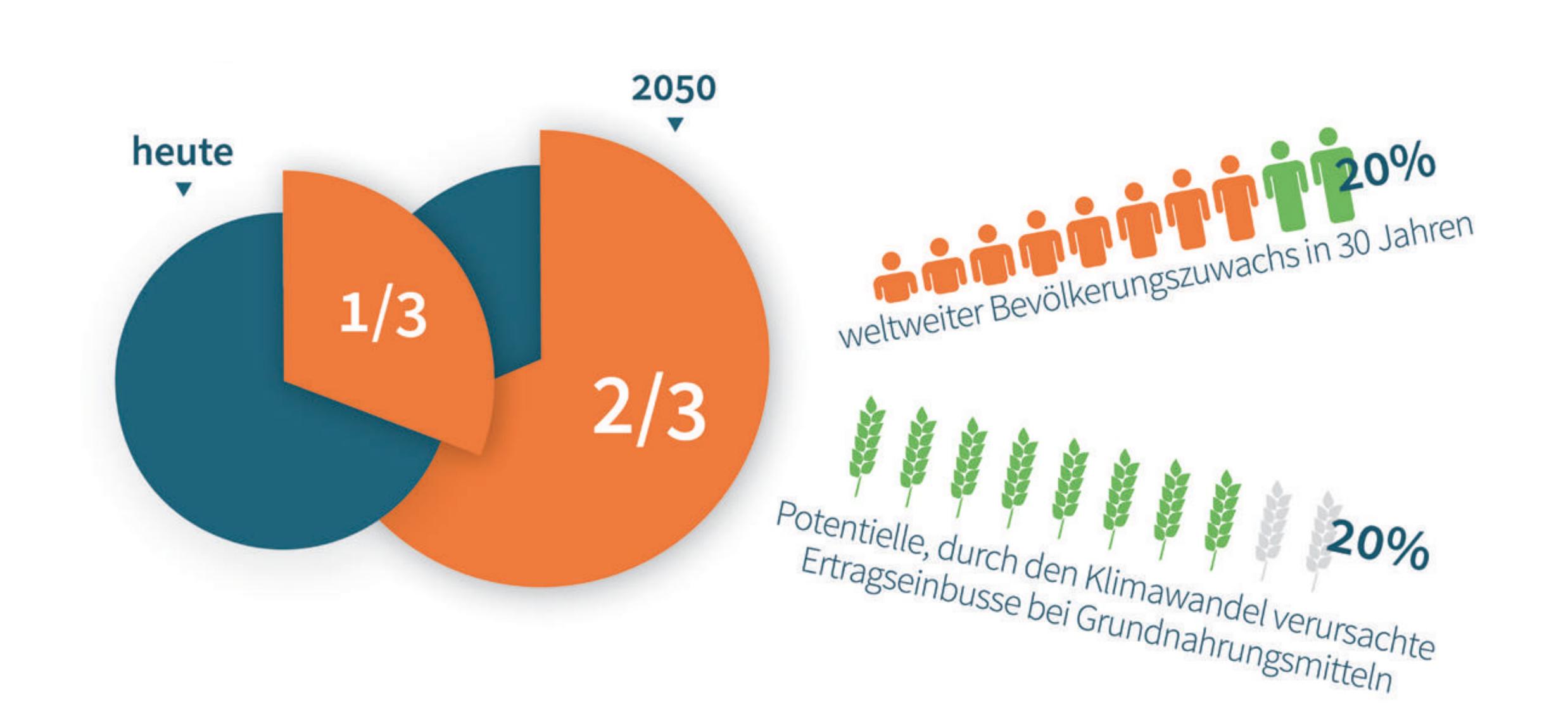


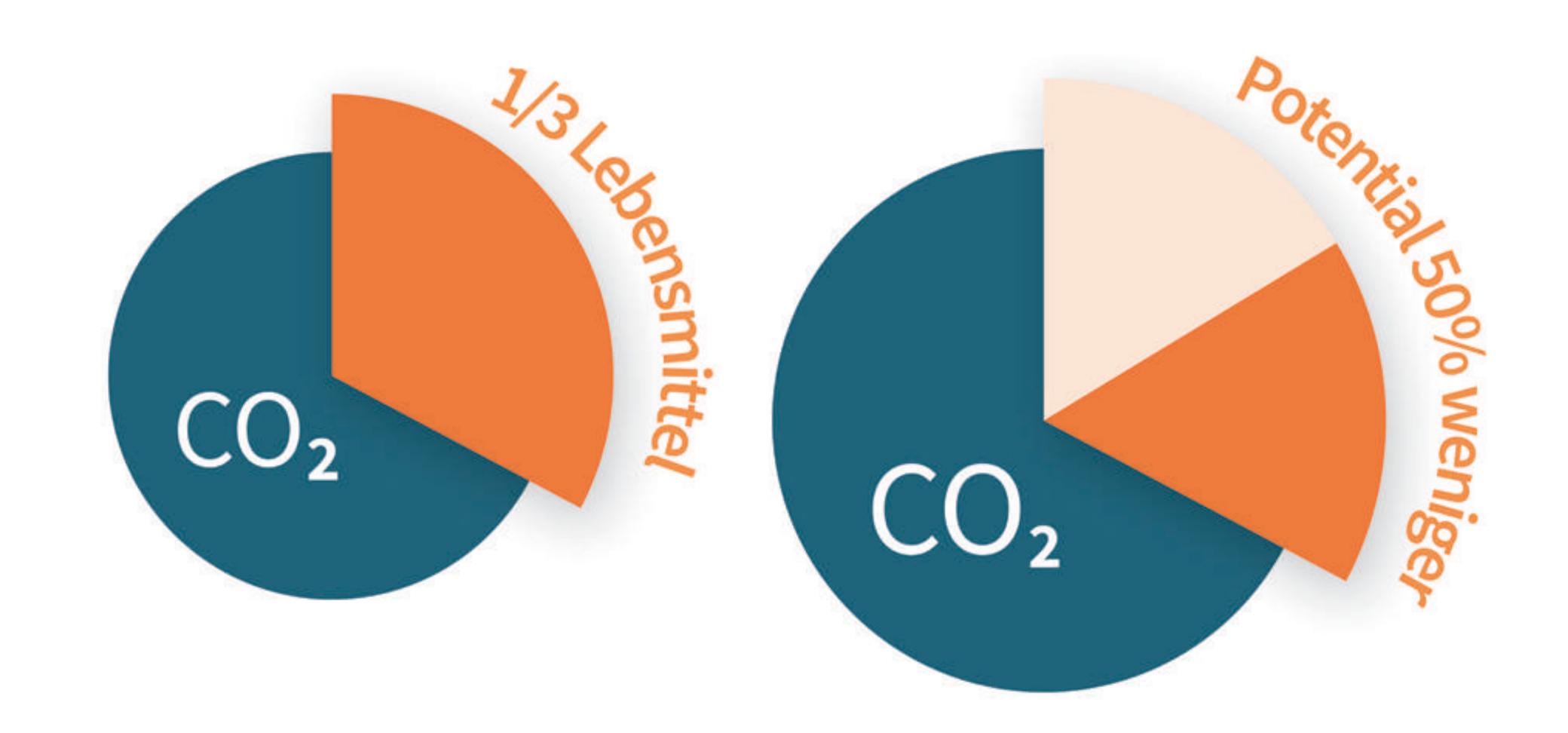


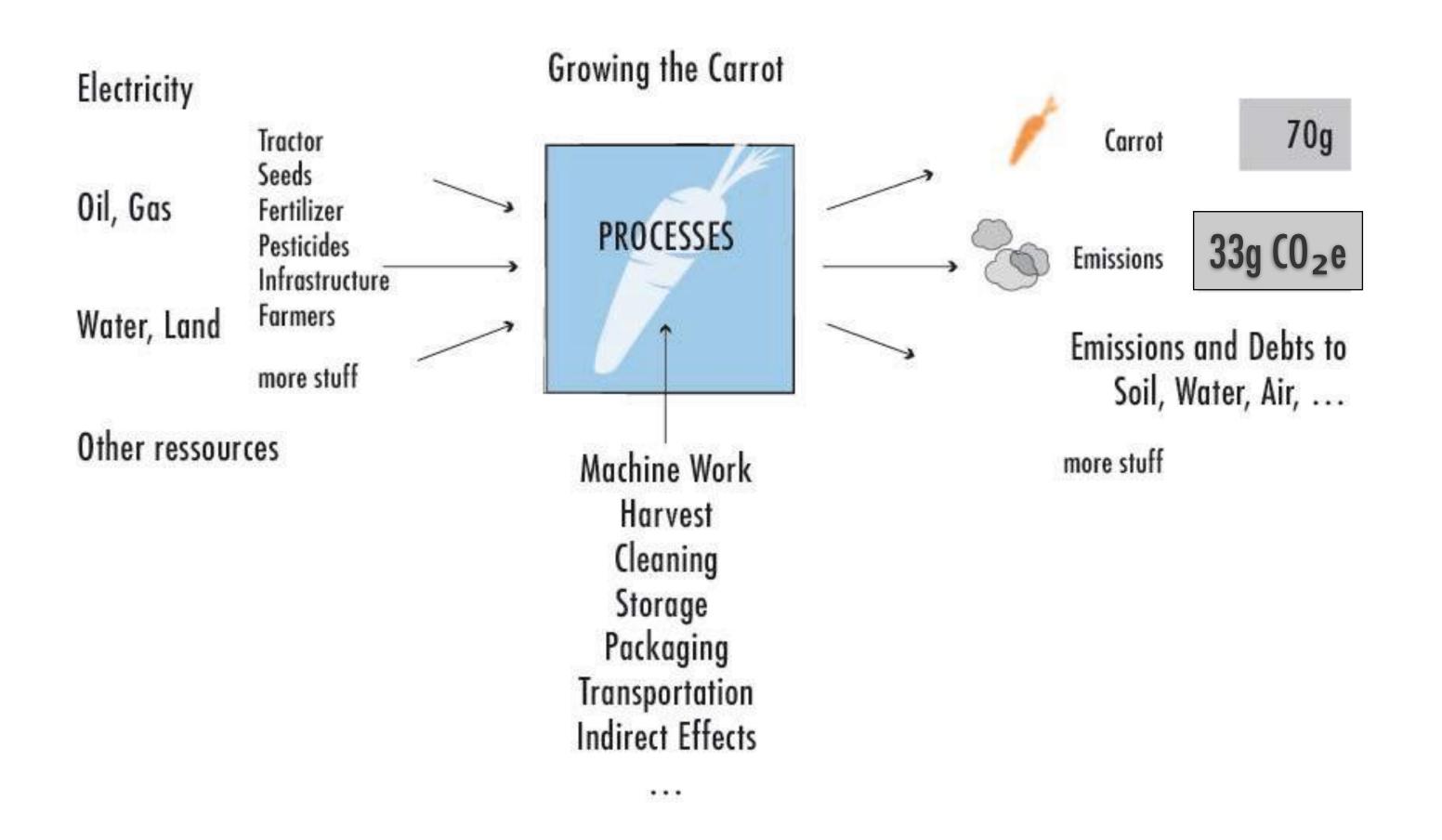


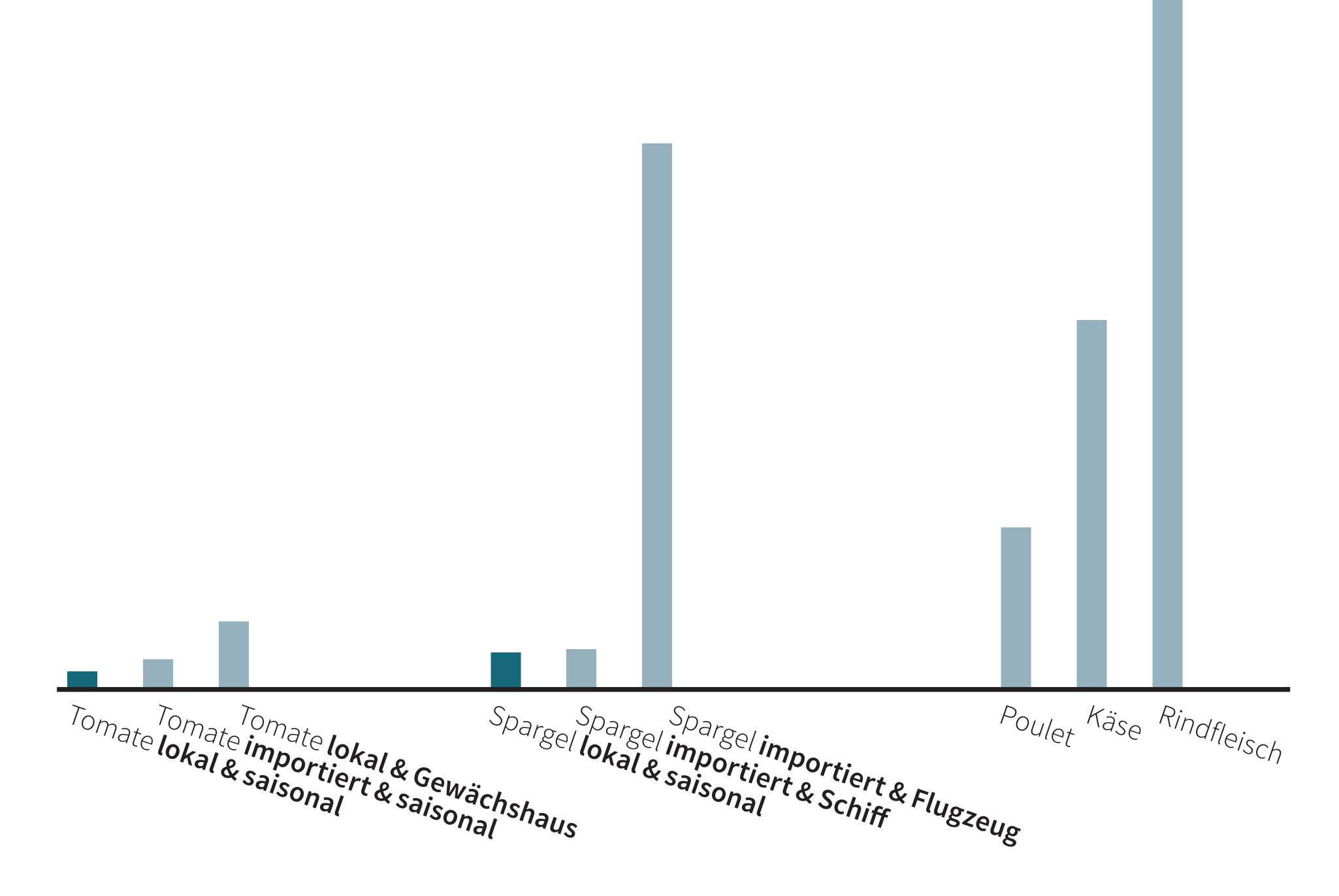


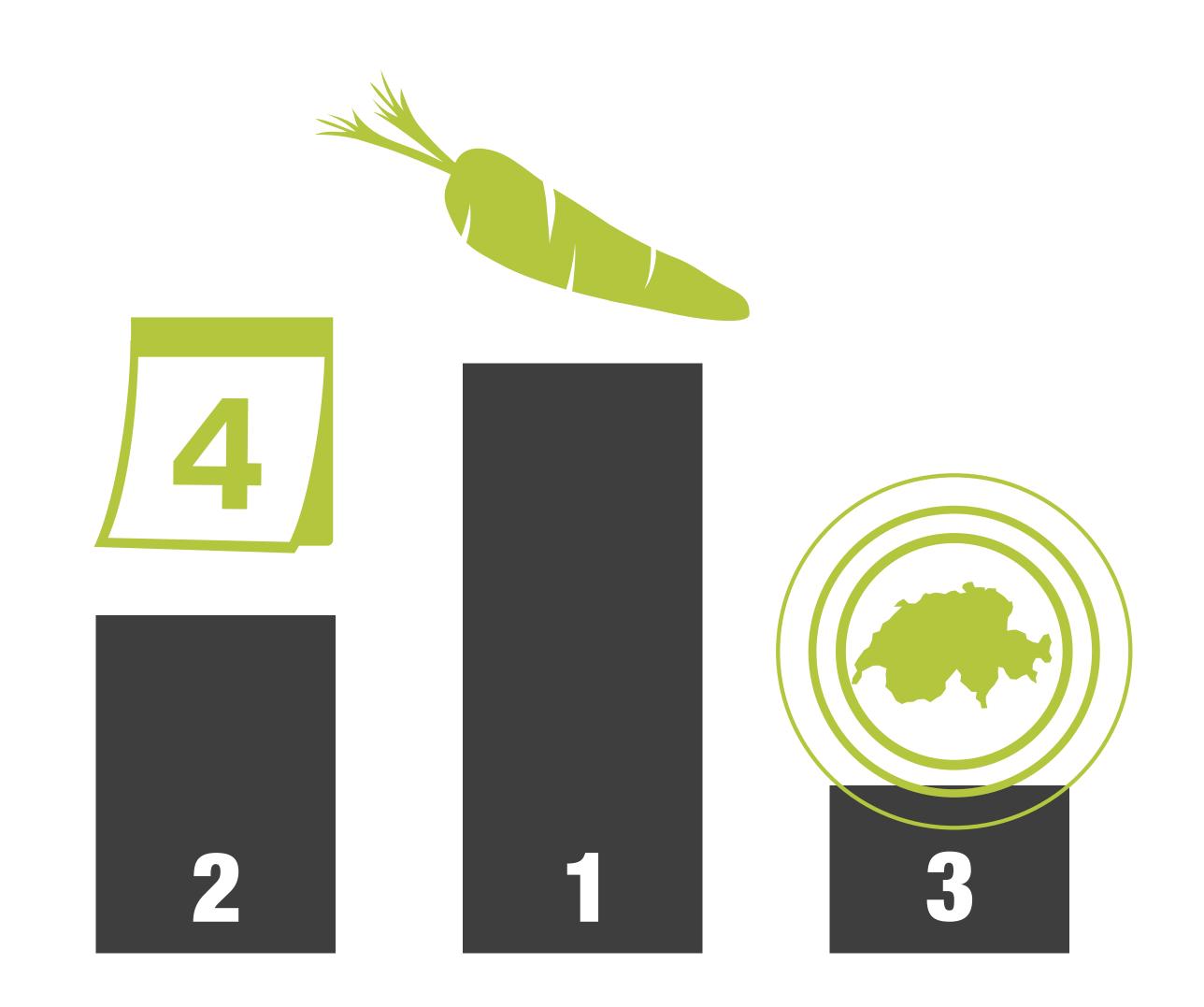
500 Millionen Menschen





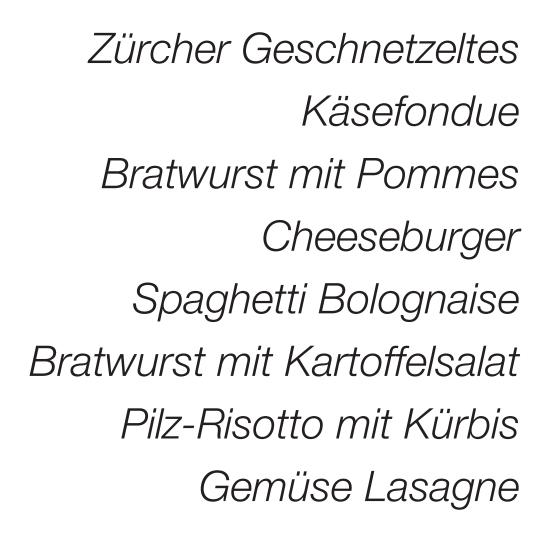


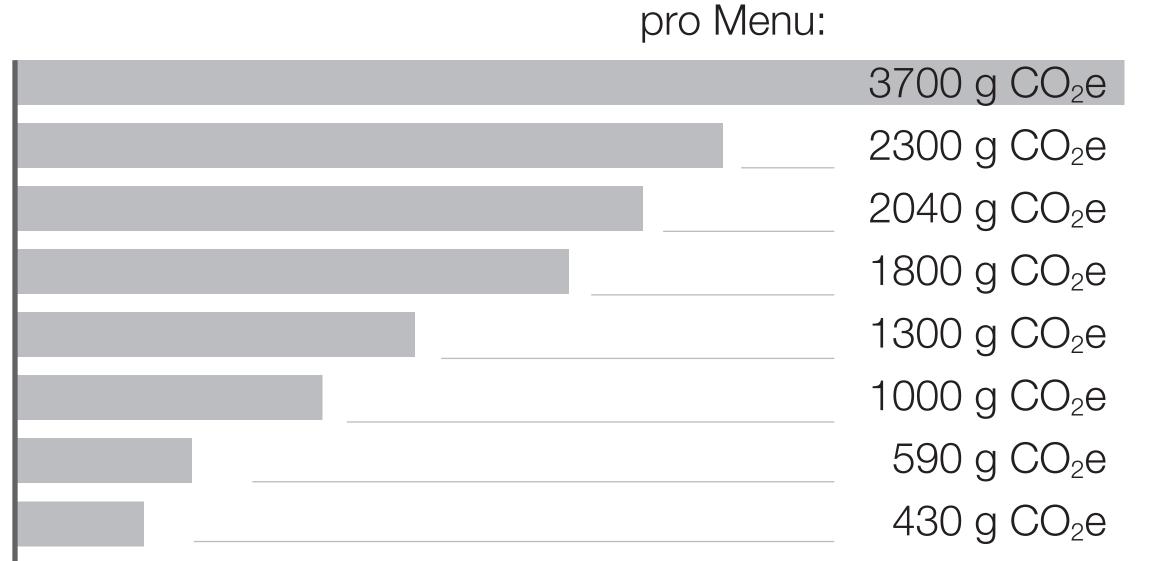






Die Klimabilanz von Cheeseburger, Fondue und Co.

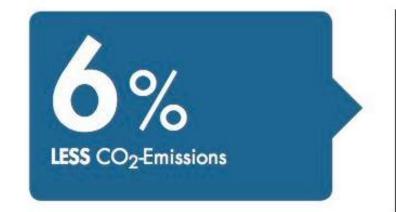












awarded 😃 😃

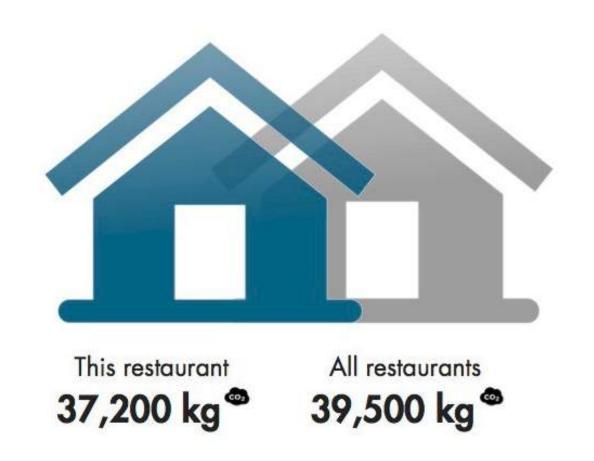








more CO_2 than an average





1,930 g[®] 1,715 g[®]



ø climate-friendly meals **528** g







































I EAT FOR A **HEALTHY** WORLD!

Monthly CO₂ - report **YOUR RESTAURANT**

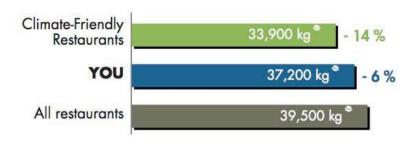


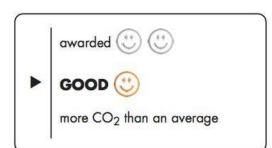
Restaurant CO_2 - Emissions February 2016

This month you caused 6% LESS CO2 emissions than the average restaurant in your category

- you are one of the most climate-friendly restaurants.







Which restaurants are you compared

All restaurants

135 comparable restaurants, categorized by the size of the business in regard to the total number of guests (basis of 830kcal per guest).

Climate-Friendly Restaurants The top 20 percent of the "All Restaurants" group.



What is 1 kg CO2 -

Burning half a litre of petrol creates 1kg of CO₂ emissions. An oak tree binds up around 20kg of CO₂ per year. By eating climate-friendly food three times a week for a year, one person reduces CO2 emissions by the same amount as ten oak trees could in the same period.



Food causes 1/3 of our CO₂ - emissions.



Apply the Eaternity Award to encourage a climate-friendly meal

I EAT FOR A HEALTHY WORLD!

Meal certificate **SIEMENS**



Meal CO₂ - Emissions February 2016



Take notice of the Eaternity Award when you choose your meal.



ø climate-friendly meals

528 g[®]

Ø meals of this restaurant Ø meals of all restaurants

1,930 g

1,715 g[®]



Meals are awarded as climate-friendly if they belong to the top 20% of all meals being served. In this restaurant the climate-friendly meals have 69% LESS CO2 than the average meal.













































Die 6 Personalrestaurants





Wir haben gemeinsam 10 Tonnen CO₂ eingespart!

10 Tonnen CO2 sind gleichviel wie...



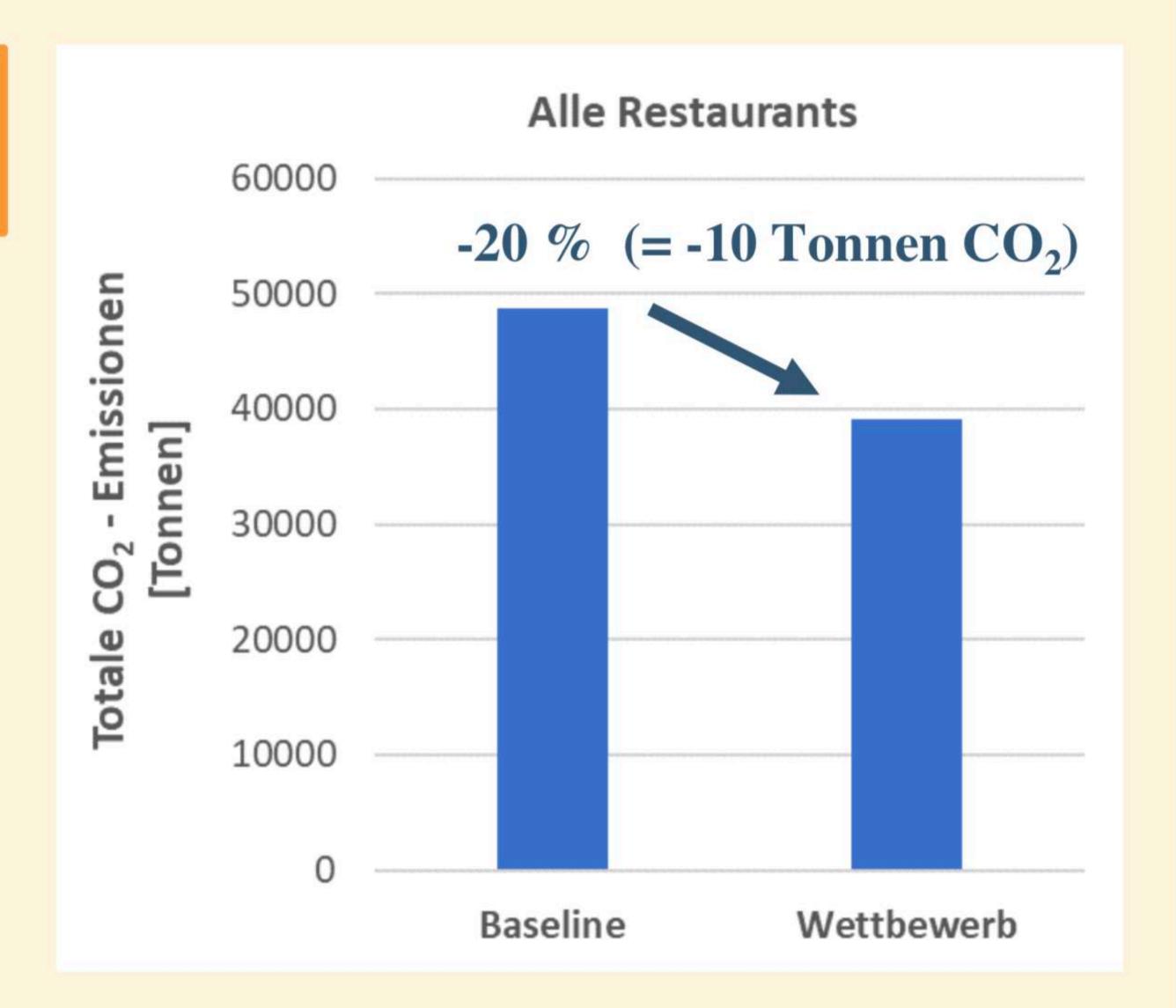
Ein Polizeiauto das während des Wettbewerbes jeden Tag 1800 km fährt

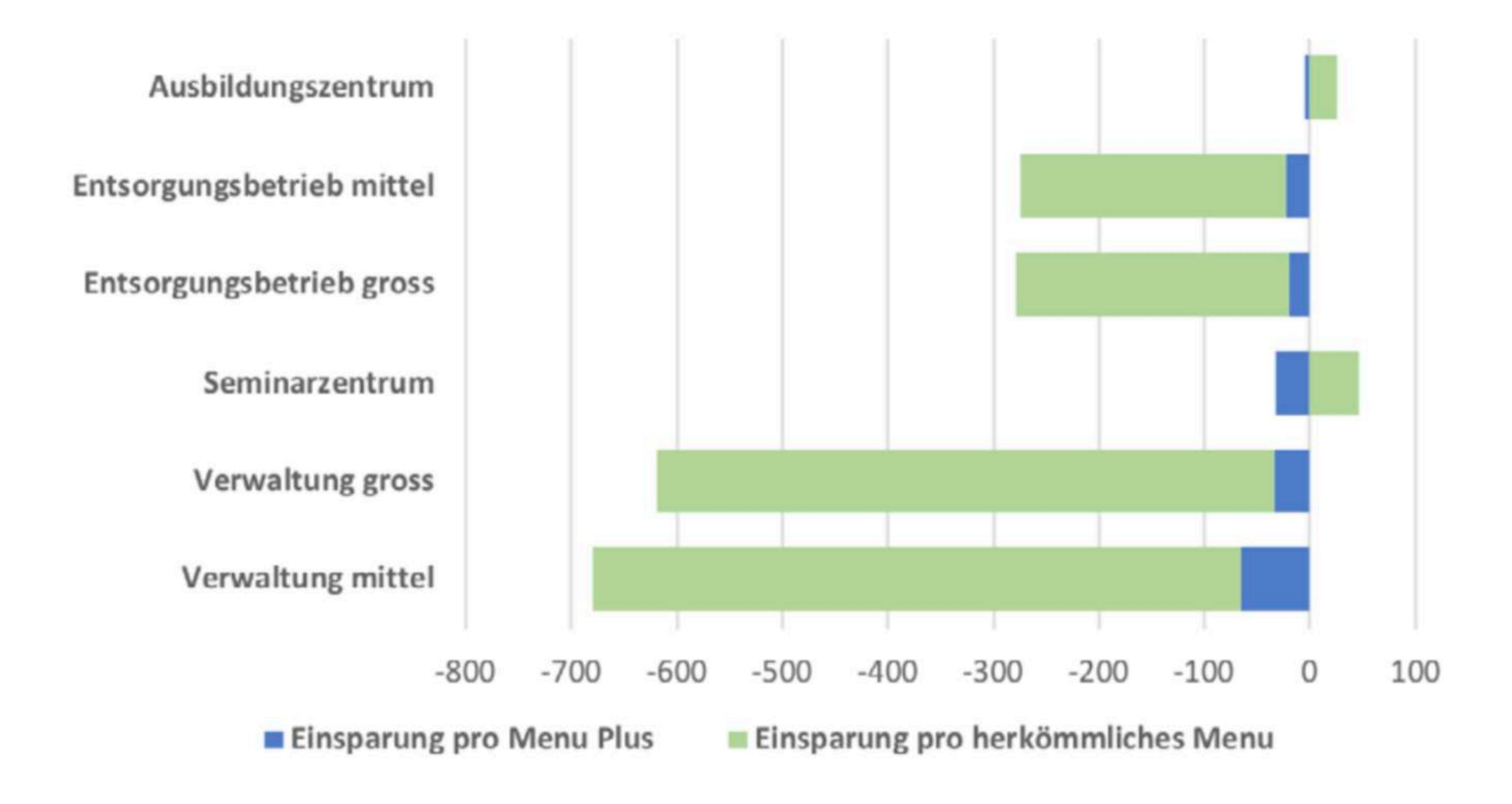


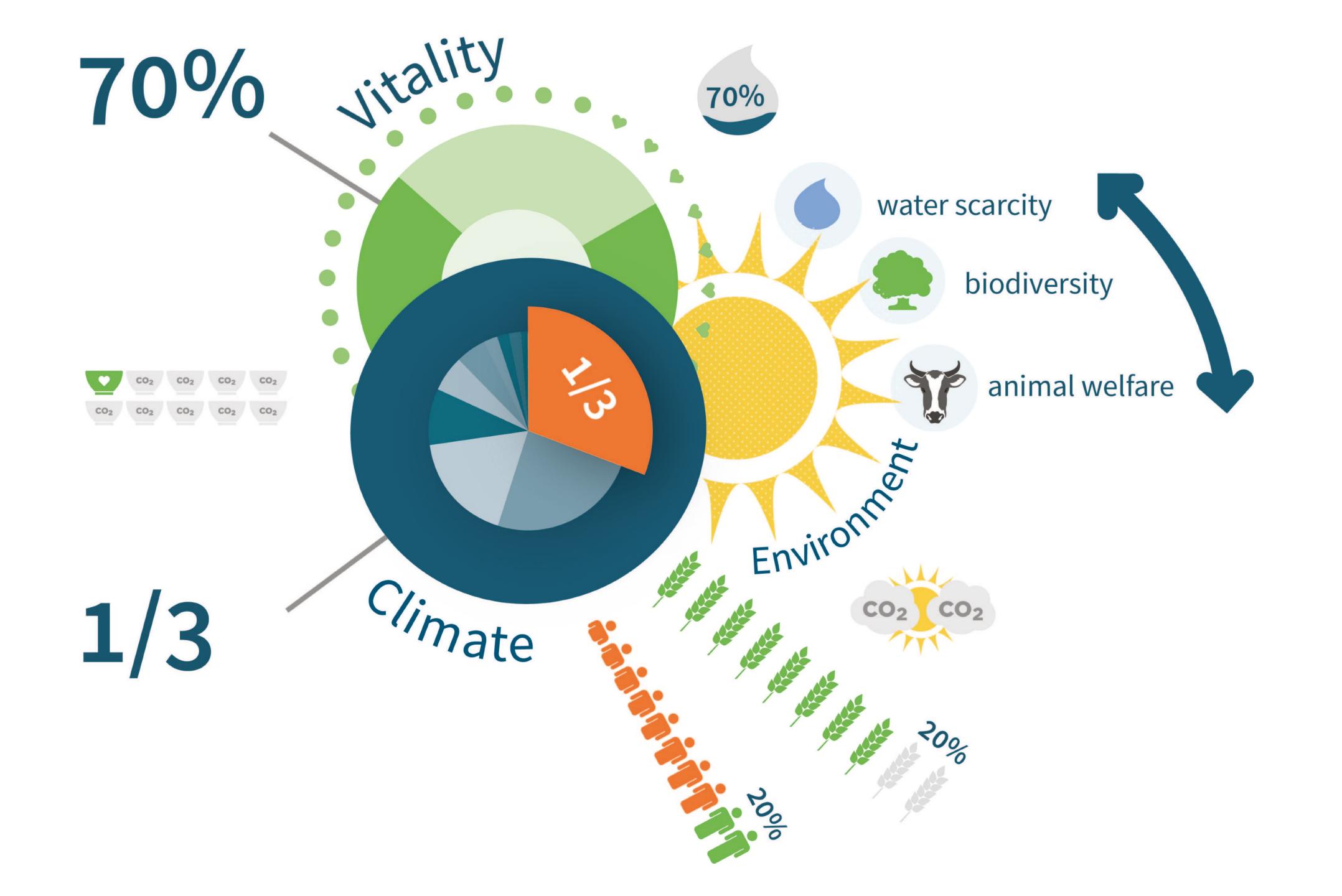
4 Mal eine Autofahrt von Kapstadt bis zum Nordkap

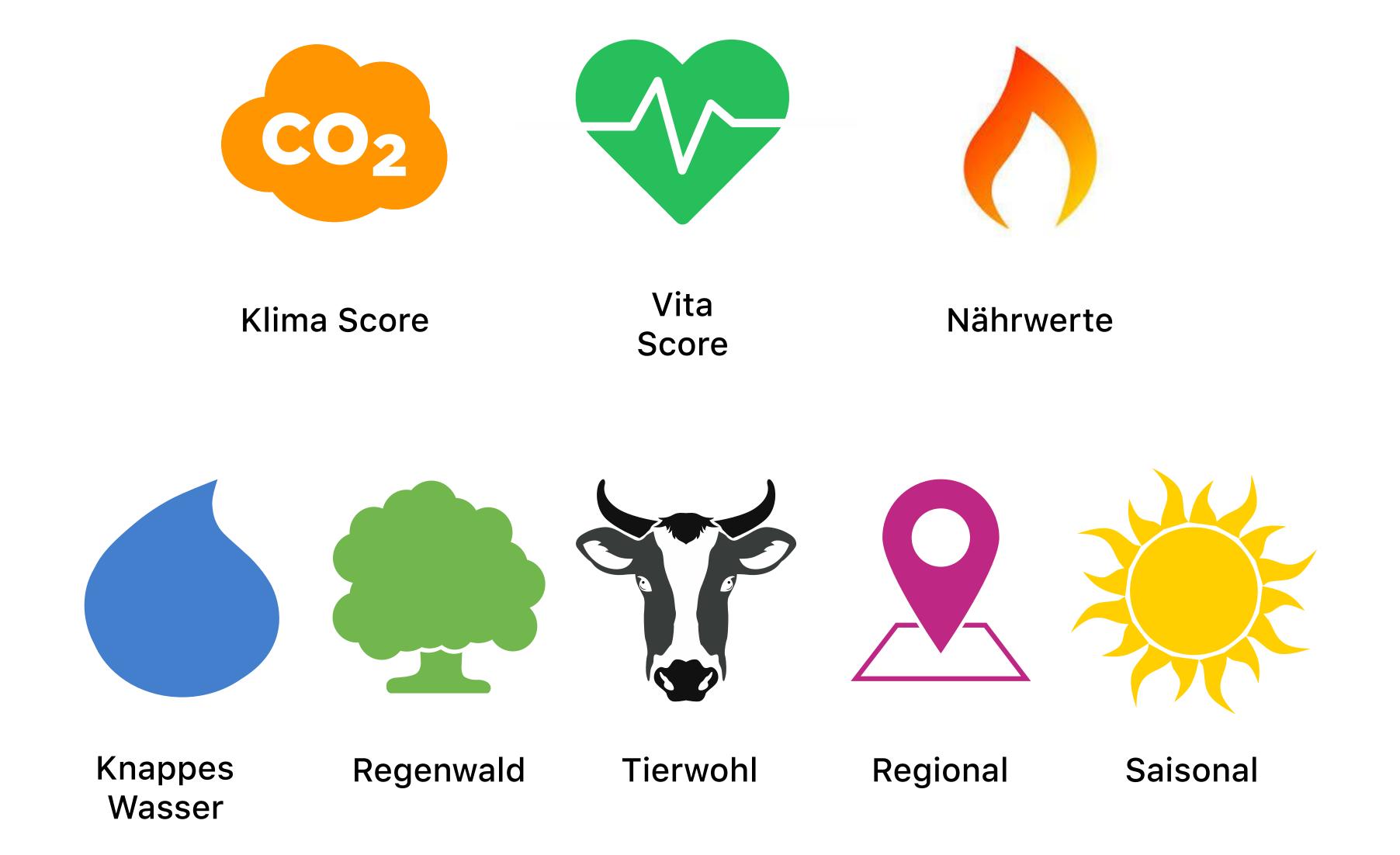


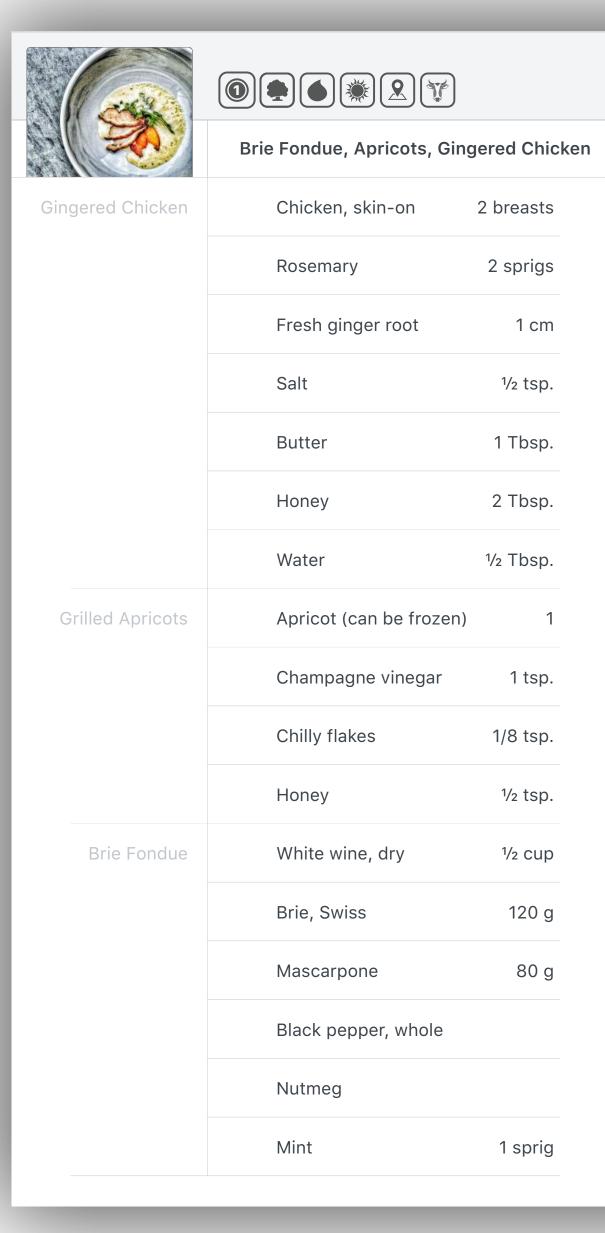
Hln- und Retourflug New York - Zürich für 4 Personen

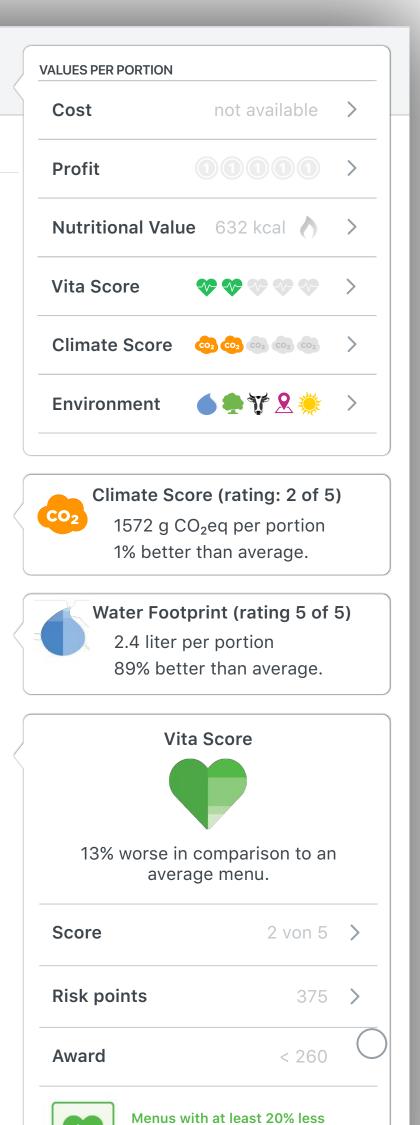








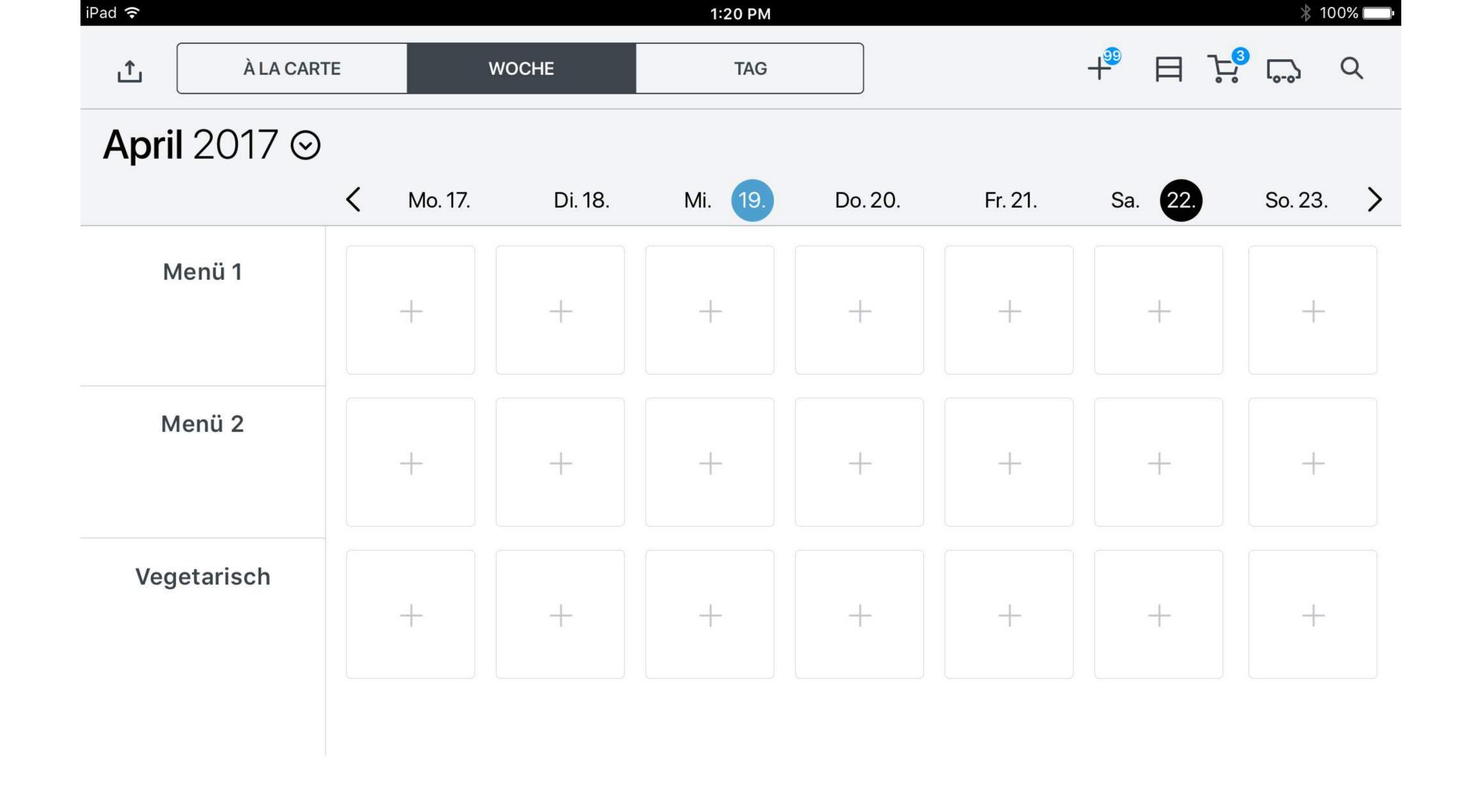




diet related risk points earn

the Vita Score Award.

Eaternity Web-App



← Menuplan

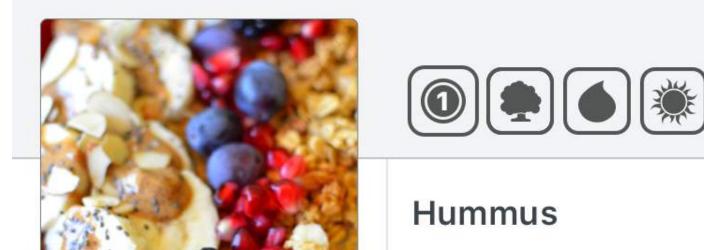
Rezept

Fertig





 \leftarrow



Zutaten	Gewürz-Öl	24 g
Sauce	Tomaten-Ketchup	10 g
Gericht	Veggie Hack vom Feins	120 g
	Mehl	40 g
	Paprika (Pulver)	4 g

Zeile hinzufügen



Vita Score

 \odot

53% BESSER im Vergleich mit einem durchschnittlichem Menu.

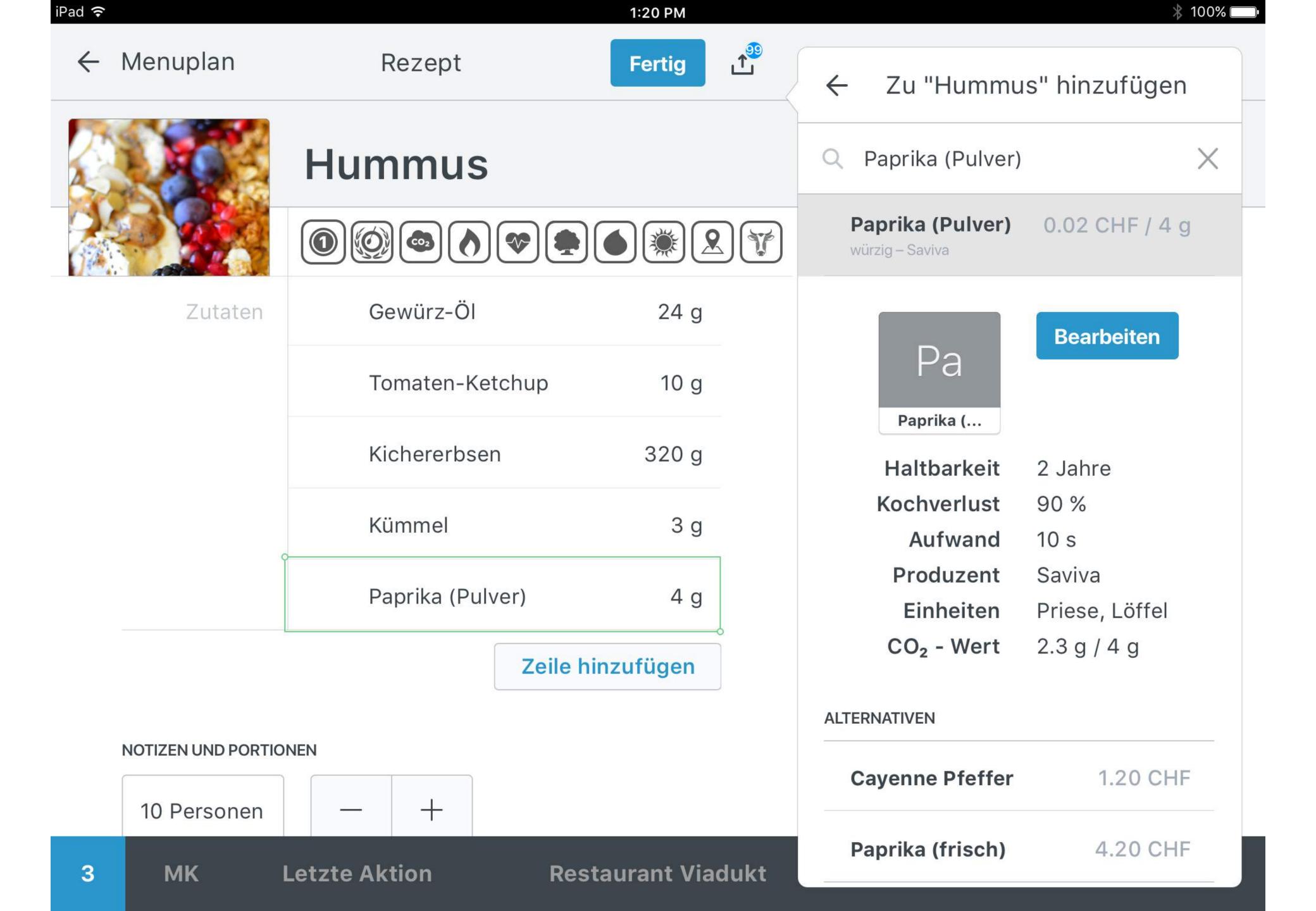
Bewertung	***	>
Risiko Punkte	54	>
Award	< 89	

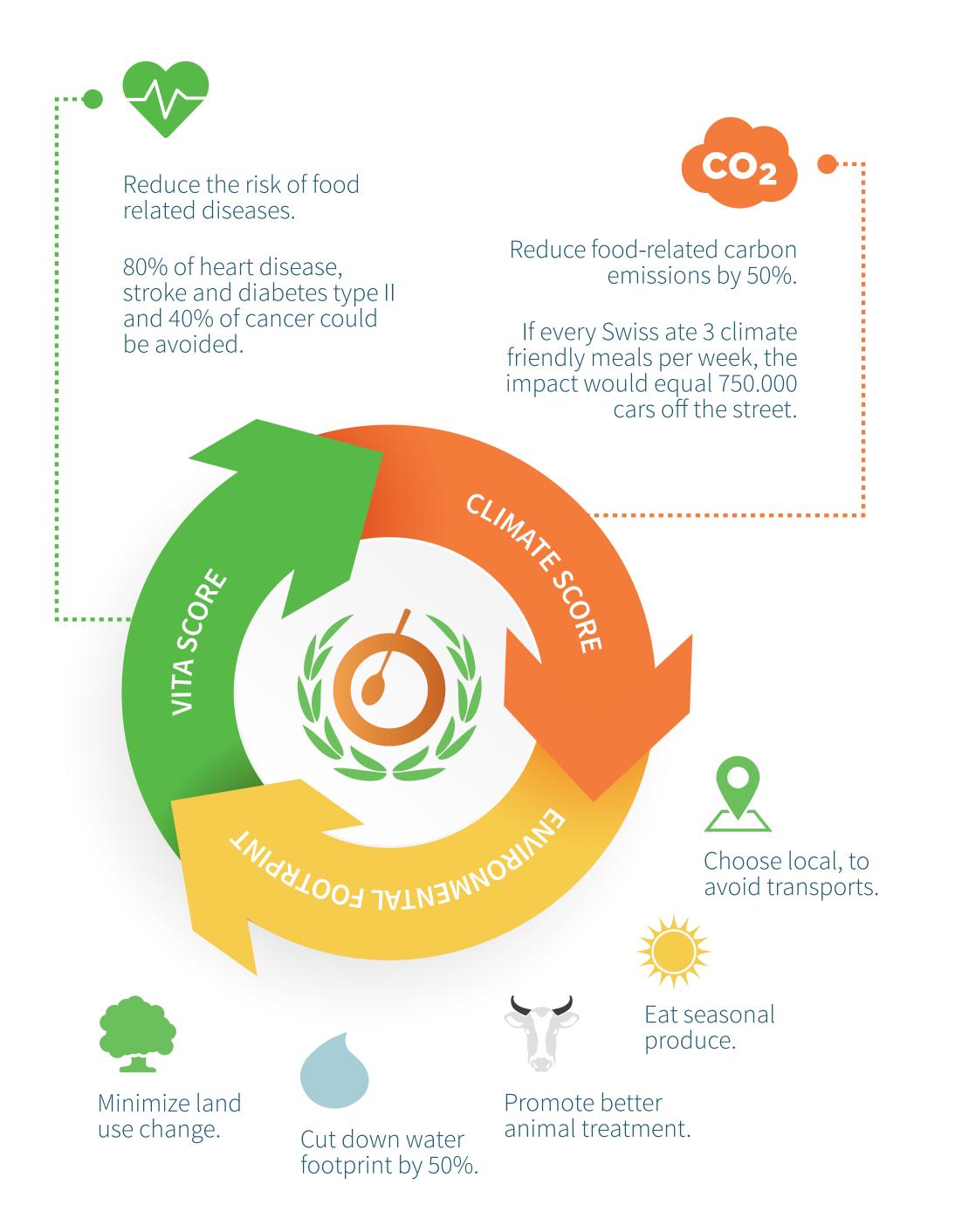


Vita Score Award

Menus mit mindestens 20% weniger Gesundheits Risiko Punkte verdienen den Vita Score Award.

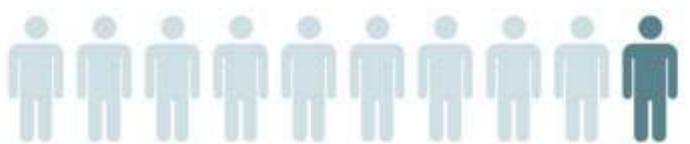
NOTIZEN UND PORTIONEN





Water Scarcity





663 million people in the world live without clean water.

Scarcity is different per region.

Switzerland 0.01

Water scarcity affects humanity and the ecosystem.

Humans travel long distances for fresh water.

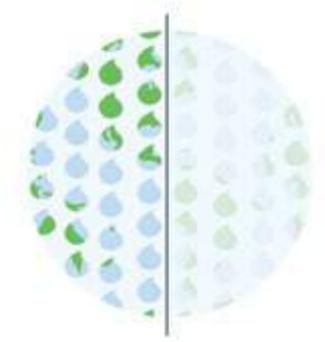
LABOR

Poor water quality is a disease risk.

HEALTH

Fresh water supply is needed to grow food.

FOOD



To help we need to reduce world wide dependency on scarce water by 50%.



We use 182 liter scarce water / day / person globally



We have 91 liter scarce water / day / person globally Spain 0.63

Water demand for produce





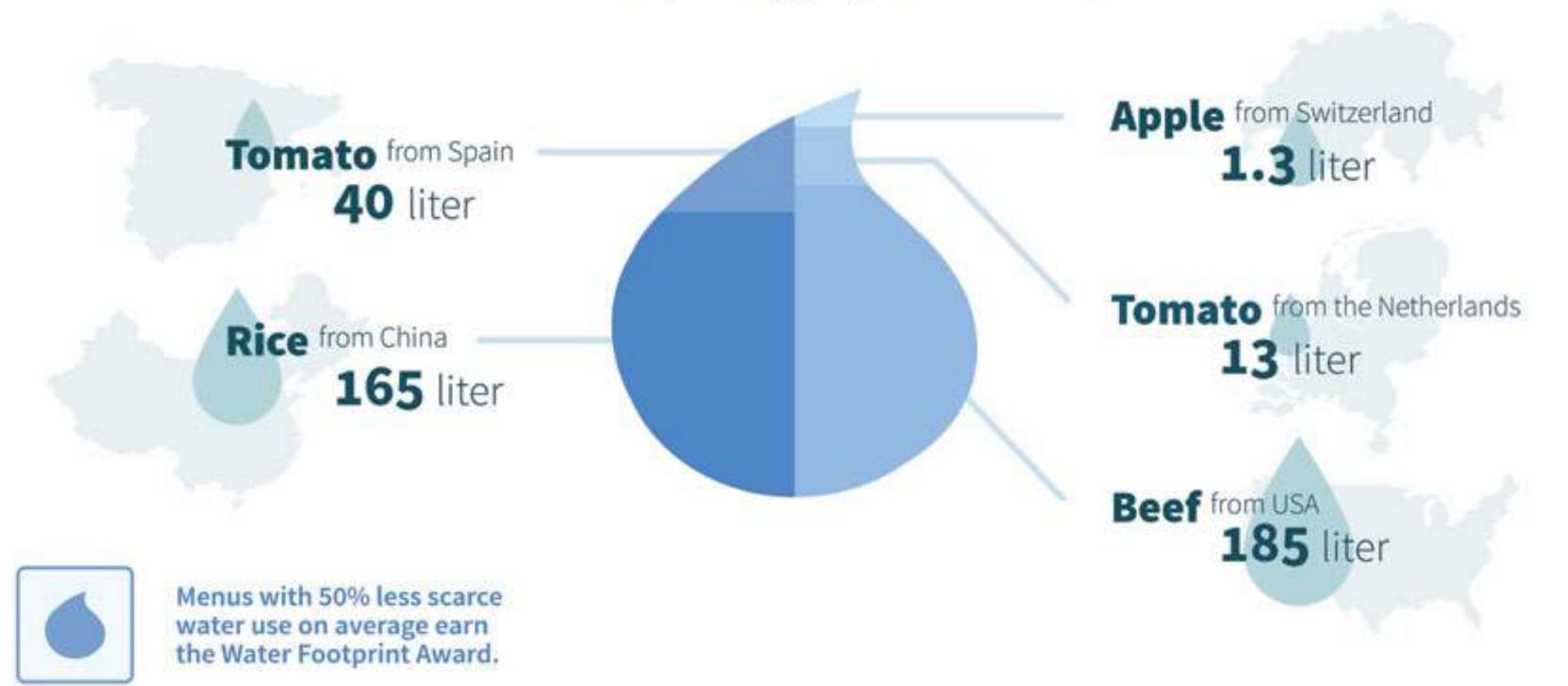








Water scarcity strongly depends on locality.



Nutrition

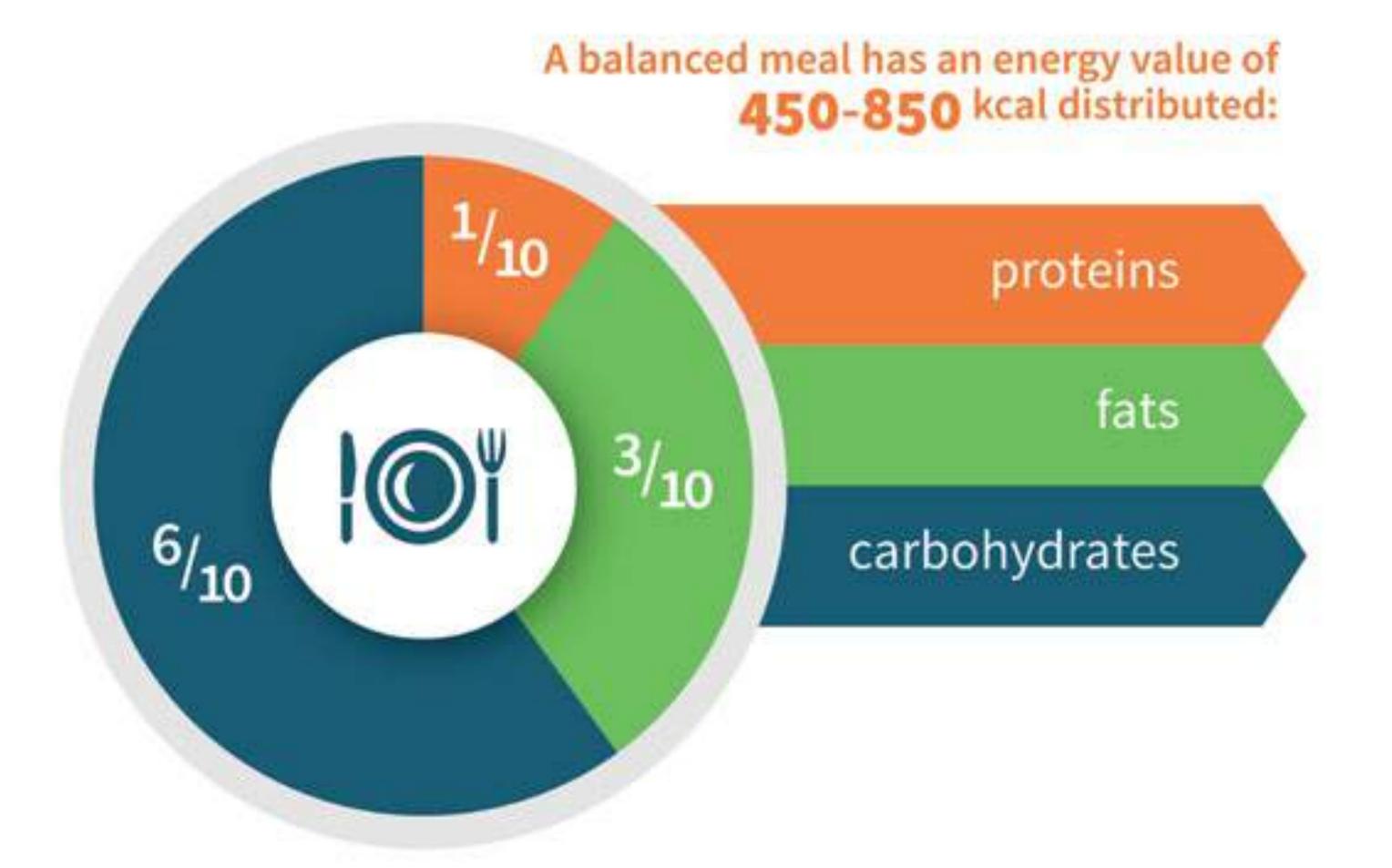
671 Million people are obese, making obesity the number one health problem in the world. Direct results are: diabetes, cardiovascular diseases, cancer, joint injuries among others.

At the same time **795 Million people** suffer from hunger.

A balanced diet secures the means to live healthy without wasting food along the way.

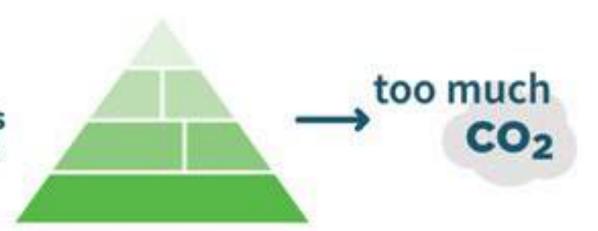


Balanced menus with a good energy value score the Nutrition Label.



Health

Current health recommendations disregard climate change.



Using existing indicators for meals, only 30% were both healthy and climate friendly.













229 Million disability adjusted Life Years are lost due to unhealthy diets worldwide.



CARDIOVASCULAR



DIABETES



Your diet related risk for: Cardiovascular, Diabetes, Cancer differs per country, age and gender.

DALY

Disability Adjusted Life Year is a measure of overall disease burden, expressed as the cumulative number of years lost due to ill-health, disability or early death.

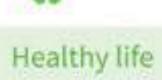






YLL Years of Life Lost









Disease or Disability



Early death

- Expected life years



VitaScore

A NEW APPROACH. Meal related risk indicator based on the Global Burden of Disease project's results.



Menus with at least 20% less diet related risk points earn the Vita Score Award.

Dietary Risk Factors

Each meal counts. We look at 8 diet related risk factors. Better ingredients score less risk points.



Diet low in Whole Grains between 100 g and 150 g per day



Diet low in Fruits between 200 g and 300 g per day



Diet low in Nuts and Seeds between 16 g and 25 g per day



Diet high in Salt between 1 g and 5 g per day



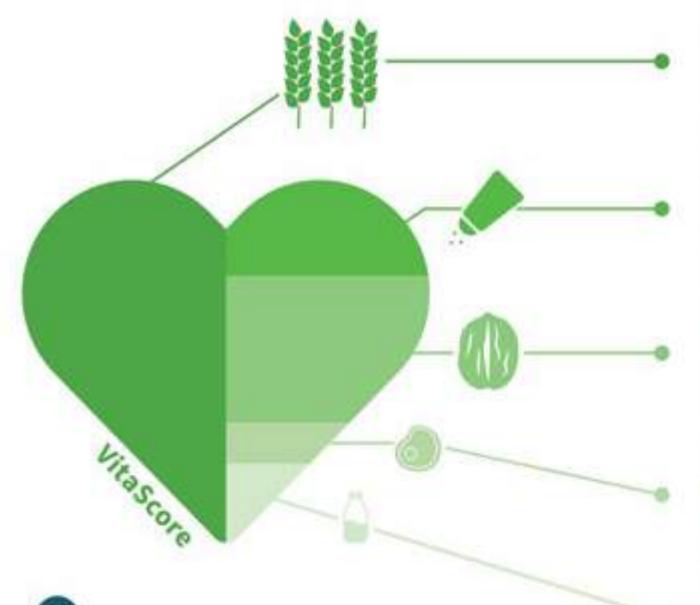
Diet low in Vegetables between 290 g and 430 g per day



Diet high in Processed Meat between 0 g and 4 g per day



Diet low in Milk between 350 g and 520 g per day



Whole grains



64.4 DALY



28.7 DALY

Salt



0.63 DALY



16.4 DALY



1.7 DALY

Nuts and seeds



21.3 DALY



13.5 DALY

Red meat



1.7 DALY



4.6 DALY



Milk

6.48 DALY



For a Swiss woman between 15-49 years.

DALY are given per 100'000 people.







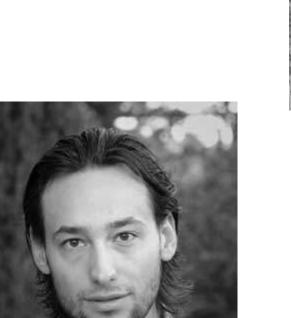


























Federal Office for the Environment FOEN





































EQUI-TABLE

ERNST GÖHNER STIFTUNG



GOTTLIEB DUTTWEILER INSTITUTE

























































3 climate-friendly meals per week =

1 Billion Tons less of CO2

a year

