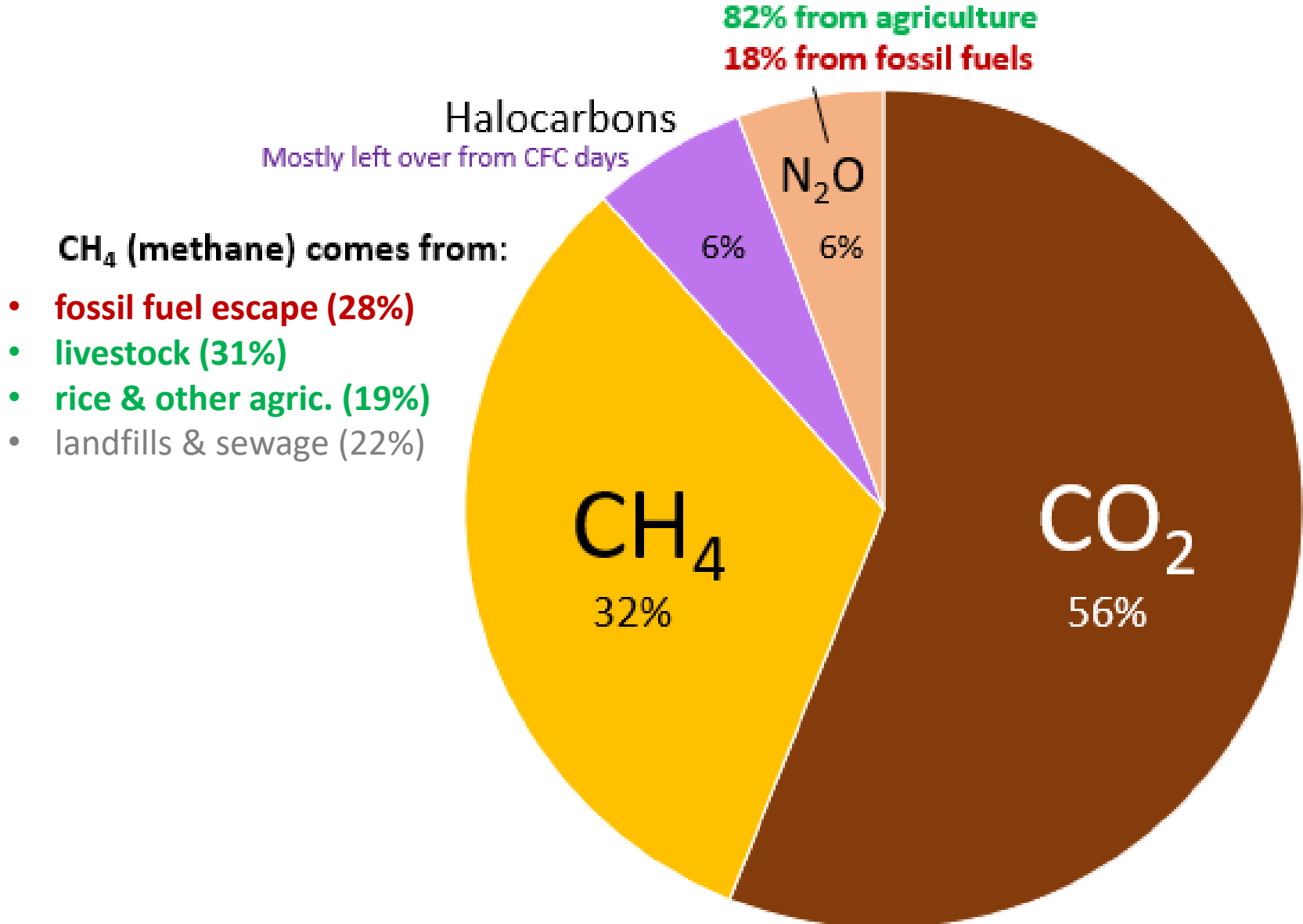


What can Gabriolans
do to reduce their
climate impacts?

Global Anthropogenic Greenhouse Gas emissions

The main drivers of climate change



Based on data from the IPCC Assessment Report 5 (2015) and IPCC Supplementary Report, 2019

87% of CO₂ is from fossil fuels:

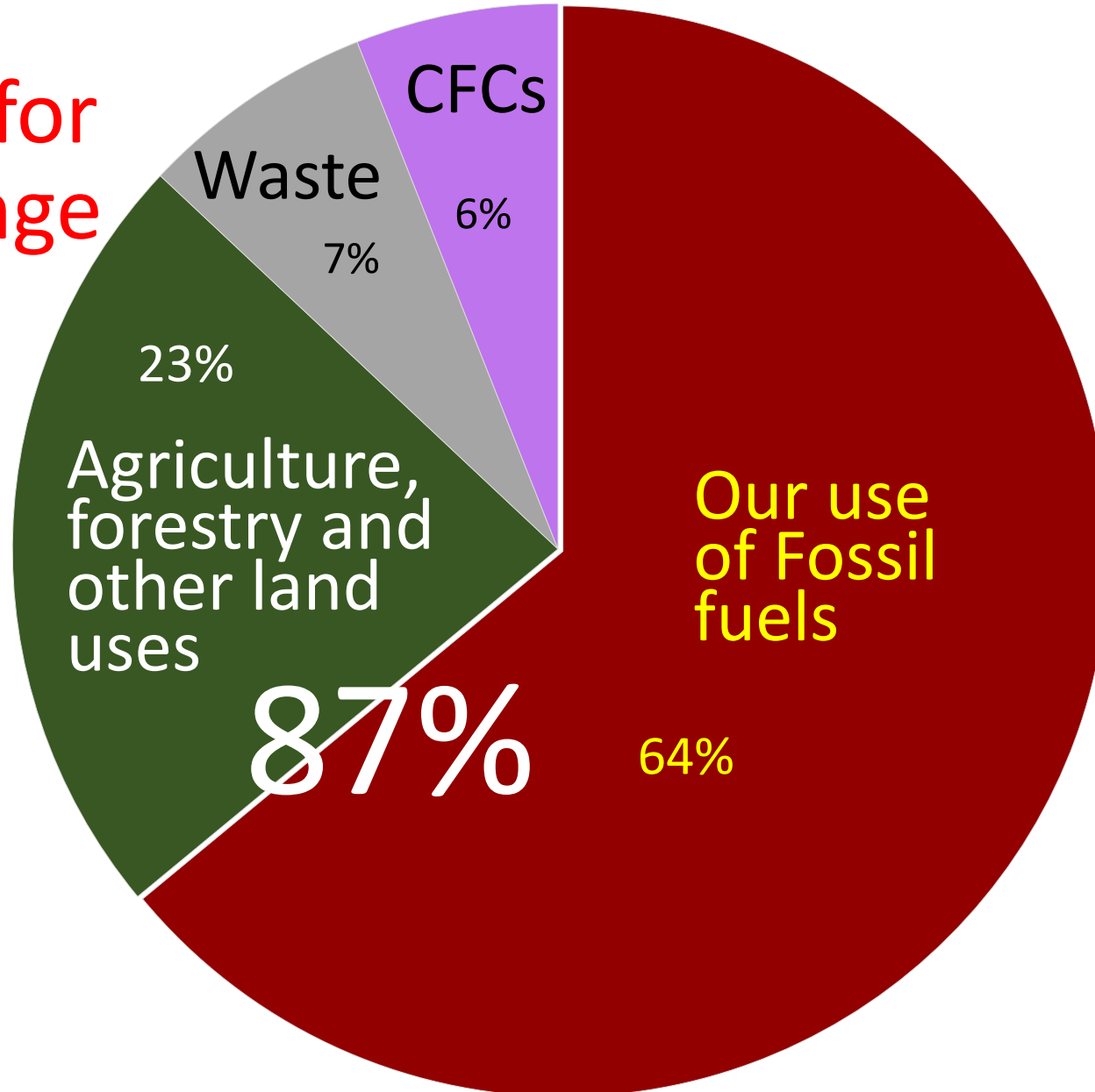
- cars, trucks, planes
- electricity generation
- heating buildings
- Industry

13% is from agriculture

Anthropogenic GHG sources

How we are responsible for climate change

Mostly related to the food we eat, and cutting down trees



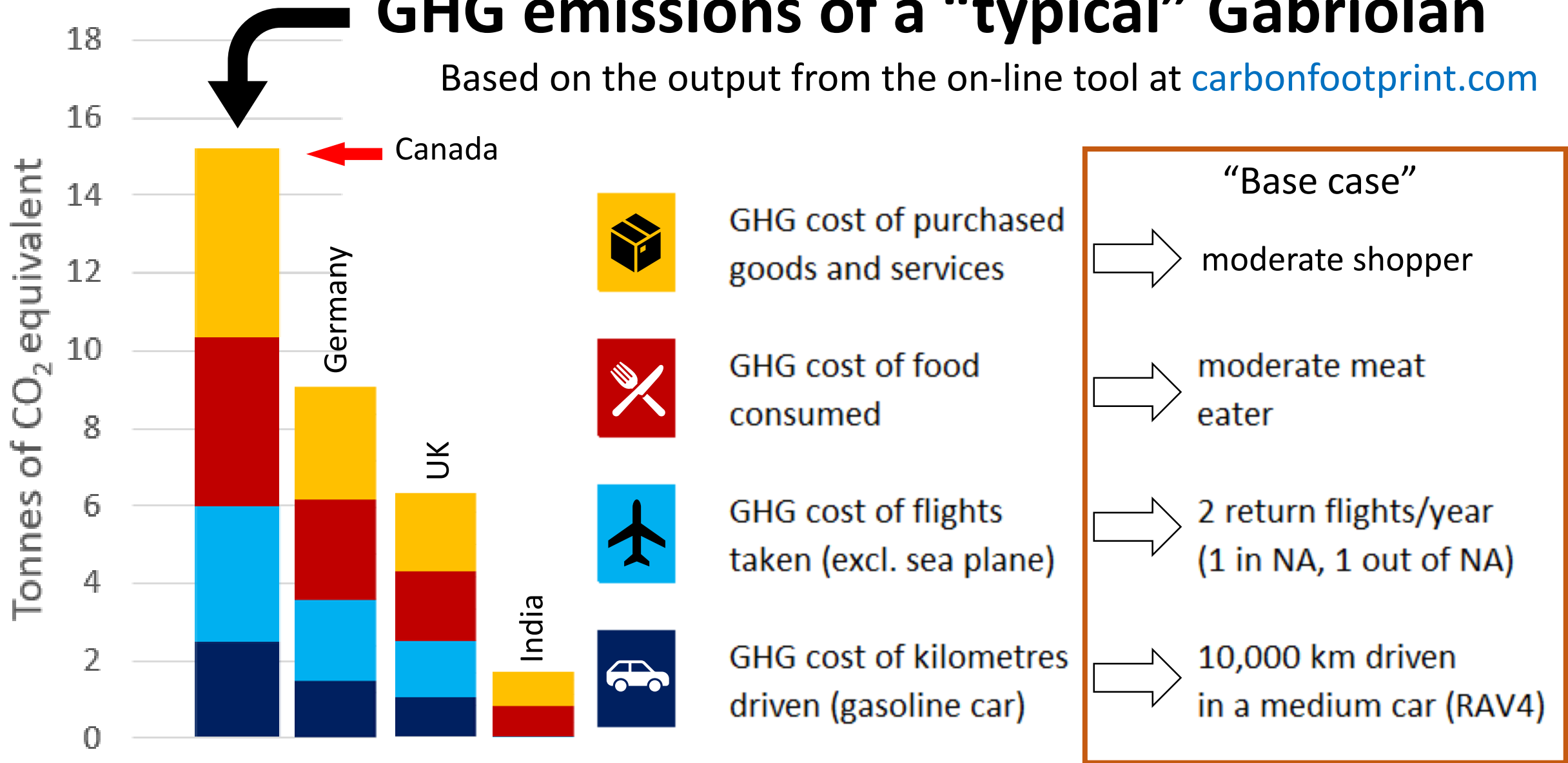
Mostly driving cars and flying, plus the GHG costs of making and transporting goods and services.

(In many other areas it would be mostly electricity production)

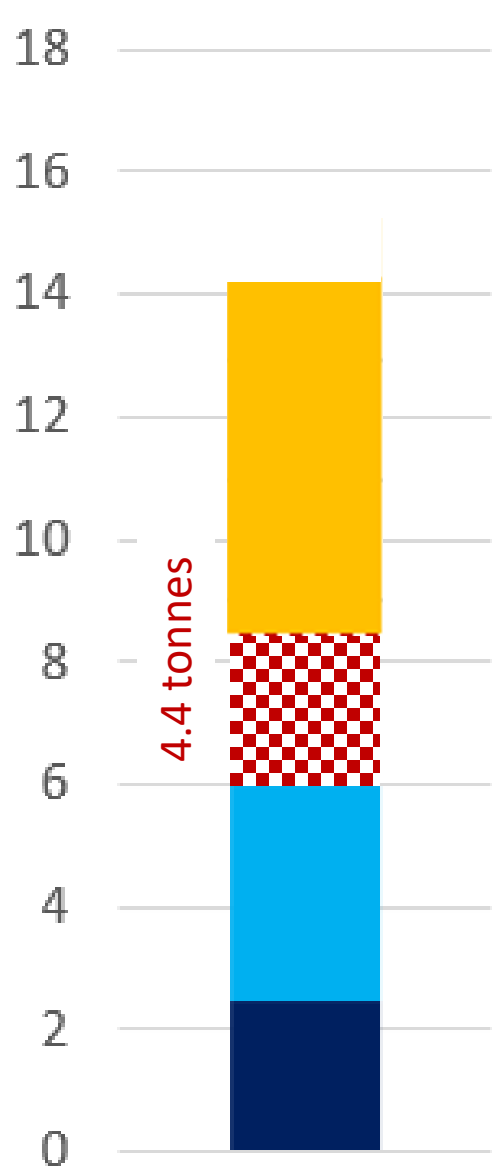
Based on data from:
IPCC AR5, 2014, and
IPCC SR, 2019

GHG emissions of a “typical” Gabriolan

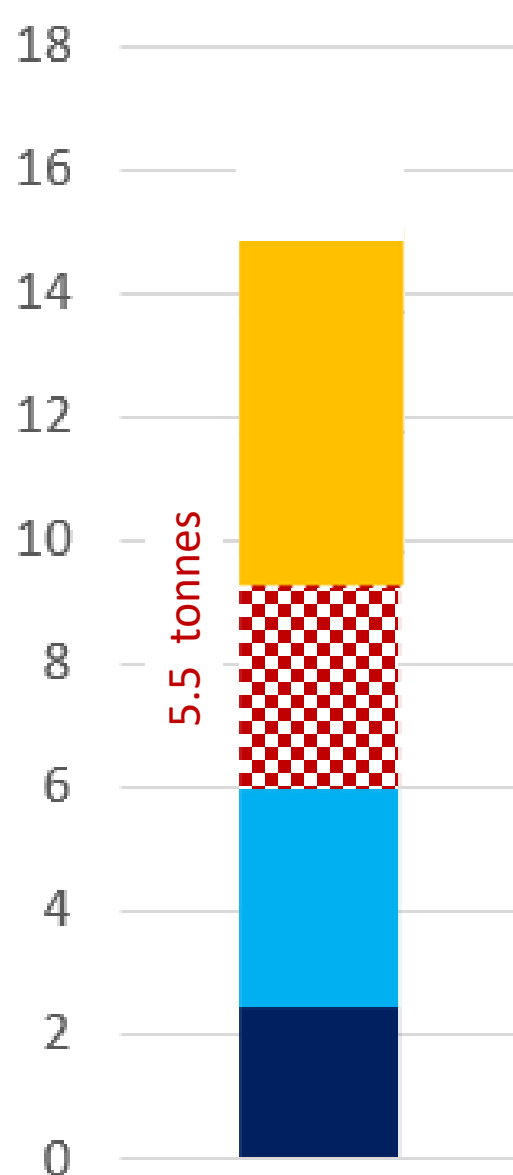
Based on the output from the on-line tool at carbonfootprint.com



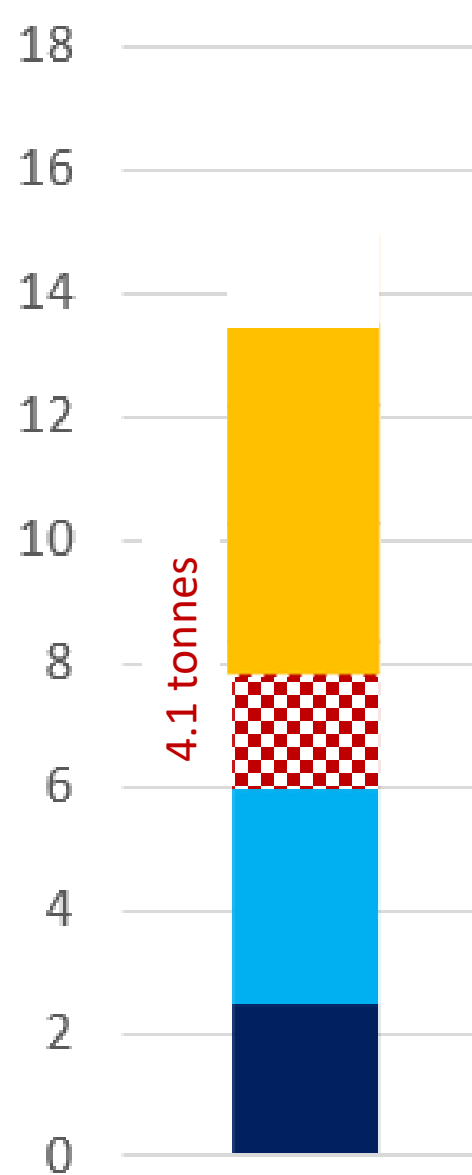
Moderate meat-eater



Heavy meat-eater



Vegetarian or vegan



What you eat

The real difference comes from eating more food produced locally and sustainably on small farms (or in your garden)

What you drive, and how far

Medium car

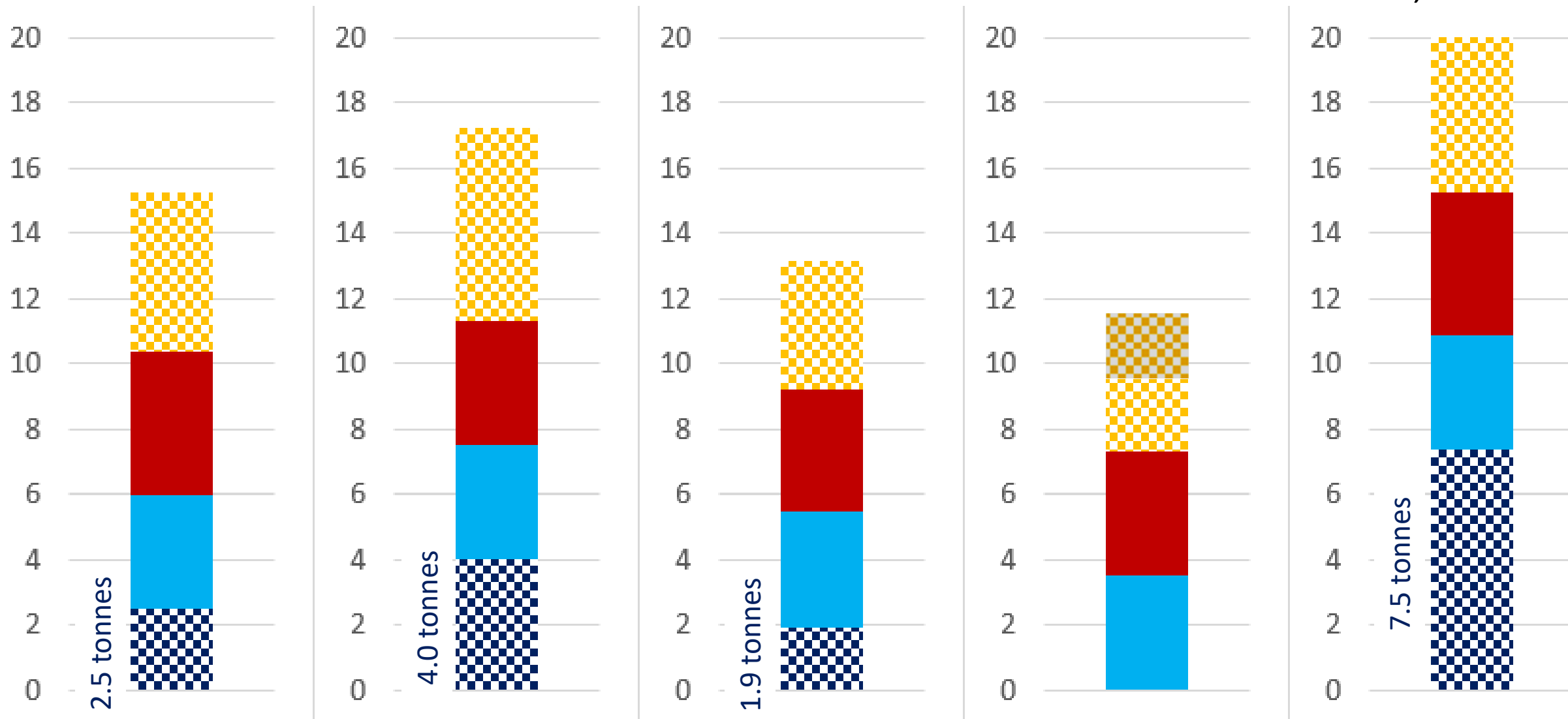
Large car/truck

Small car

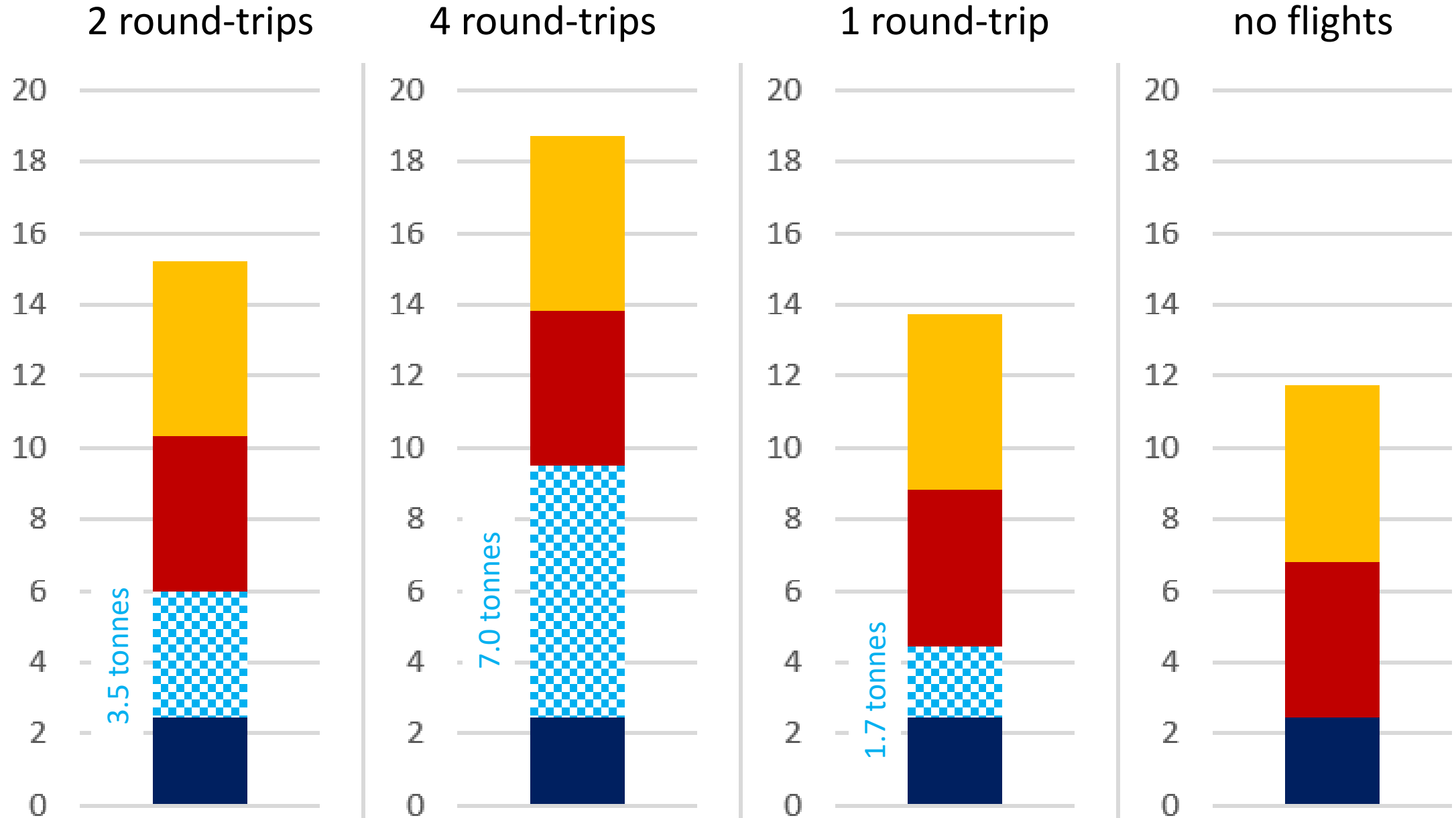
No car
(Electric car)

Medium car
30,000 km

(all assume 10,000 km per year)



How often you fly, and where



Based on this analysis the most effective changes you can make to reduce your GHG emissions are:

- a) flying less
- b) reducing the distance you drive
- c) driving a smaller or more efficient vehicle
- d) reducing your meat consumption
- e) eating more locally-produced food

A few other things we can do:

- a) plant trees
- b) join and support organizations that are fighting climate change
- c) support businesses that have strong environmental policies
- d) support politicians that are fighting climate change
- e) vote!

There are many Gabriola organizations that are already doing important things to reduce our climate impacts.

You can help by supporting and getting involved with those groups.