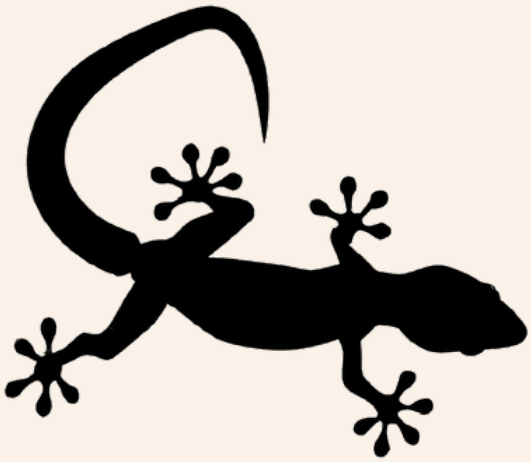
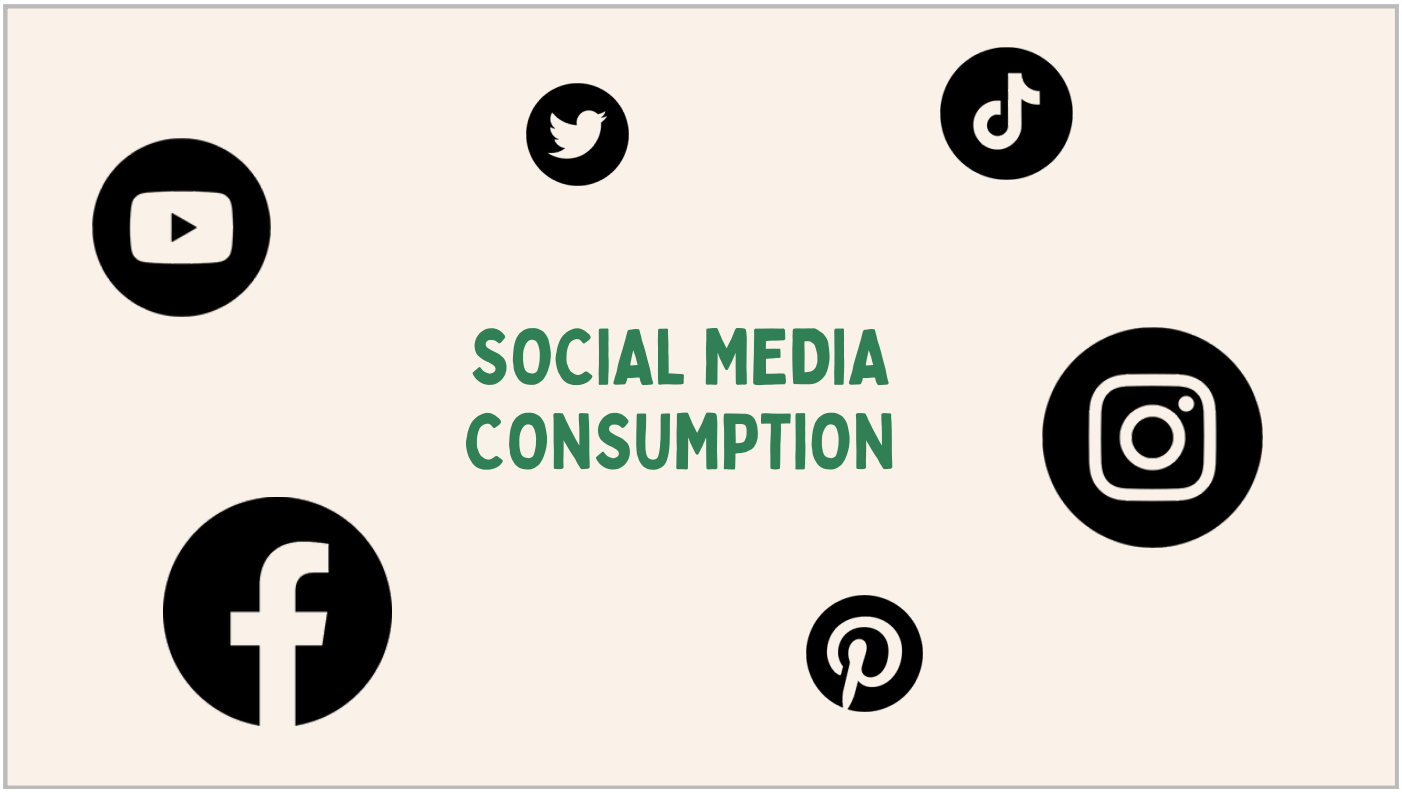


CARBON GECKO

- welcome
- from ctrl alt defeat

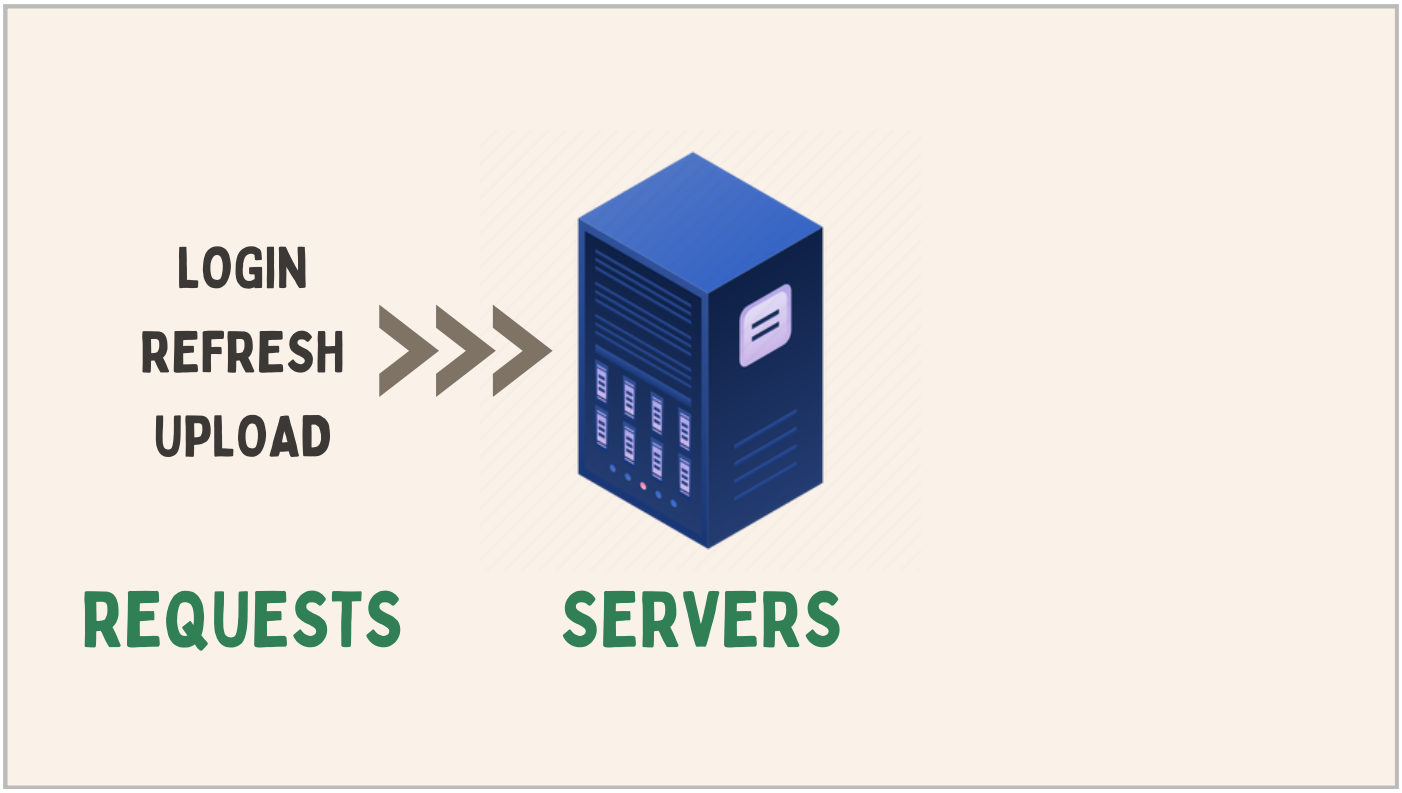
working on google challenge: sustainable tomorrow



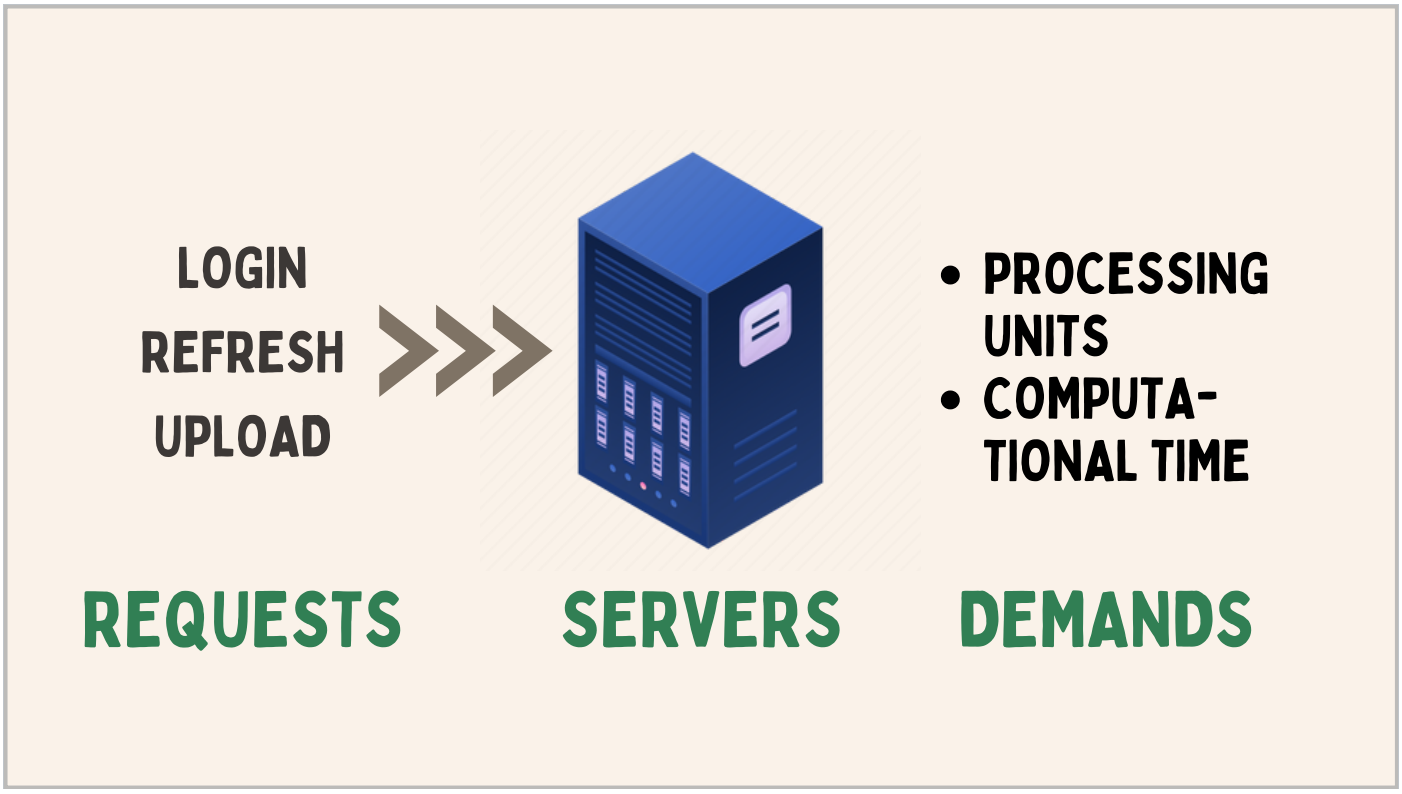
- everybody uses them daily

SERVERS

- hosted on servers



every time somebody uses this app
requests are sent to the servers
sometimes millions or even billions per day


LOGIN
REFRESH
UPLOAD
• PROCESSING UNITS
• COMPUTA-TIONAL TIME
REQUESTS
SERVERS
DEMANDS

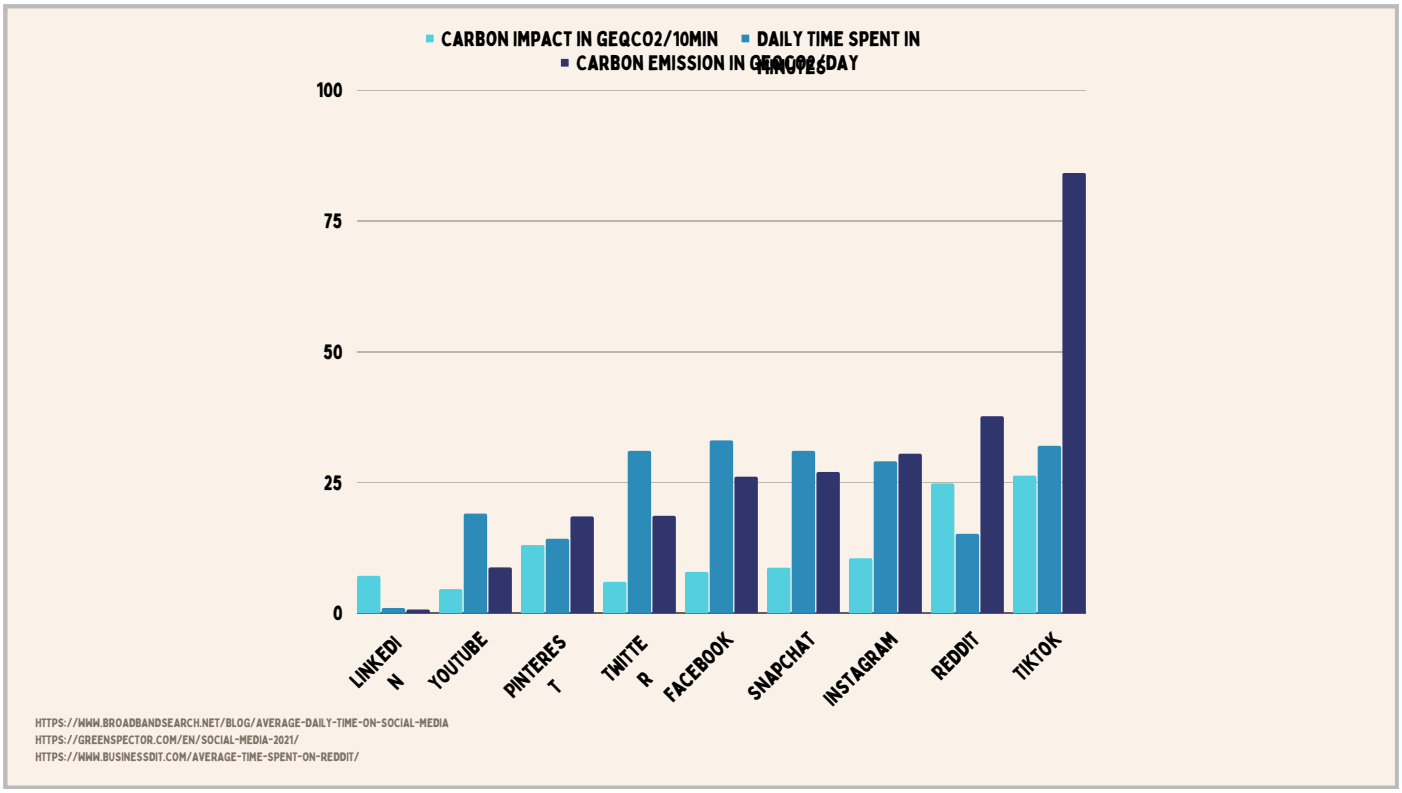
in order to face these challenges
we need lots of servers

- NOT ENTIRELY POWERED WITH GREEN ENERGY
- CARBON EMISSION

ISSUES

A LOT OF SERVERS

not every hosting company utilizes entirely green energy
hence emitting carbon

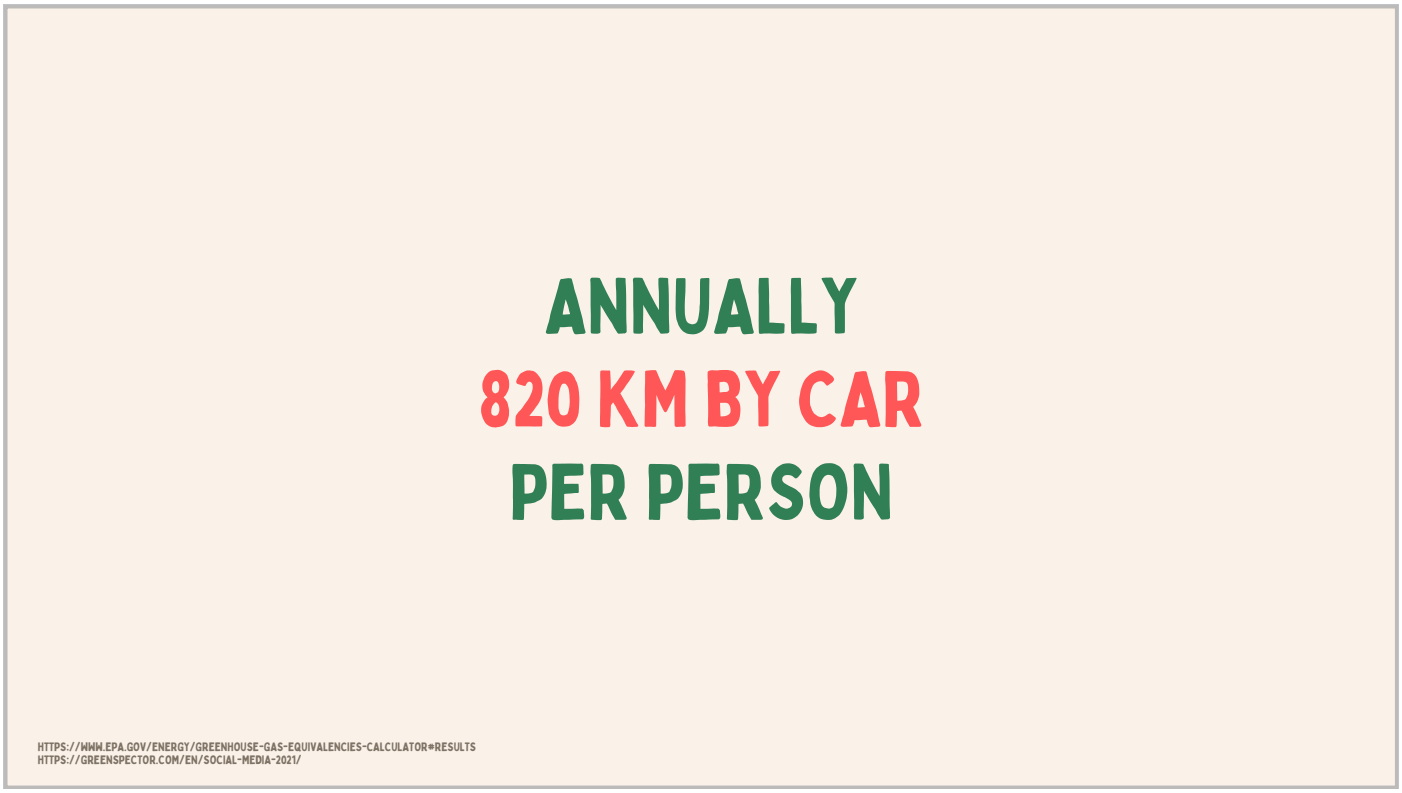


so, let's see some numbers

just only a few grams per minute per social media

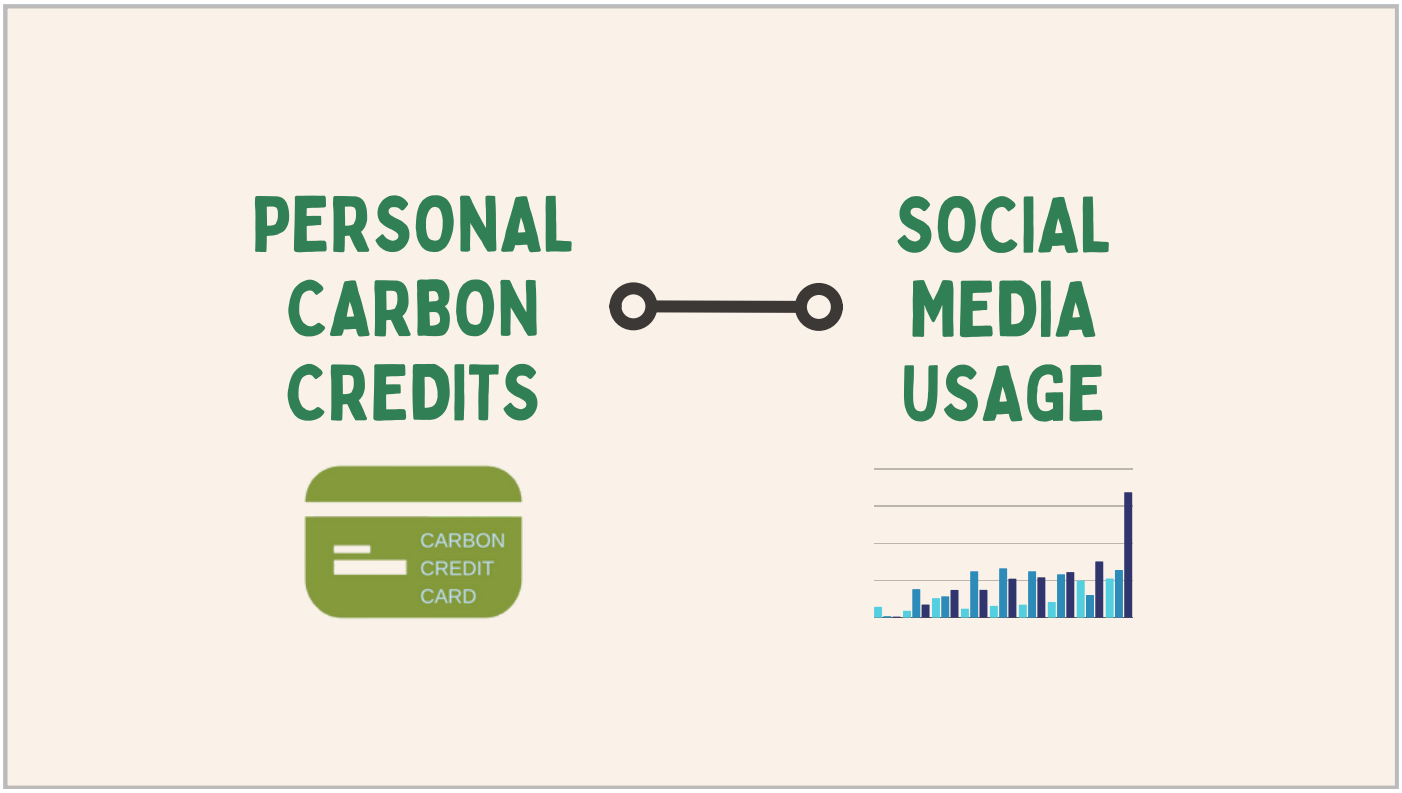
NEXT

but with respect to all platforms and a whole year
this results



not too much
but it is not nothing

easy way to decrease carbon footprint



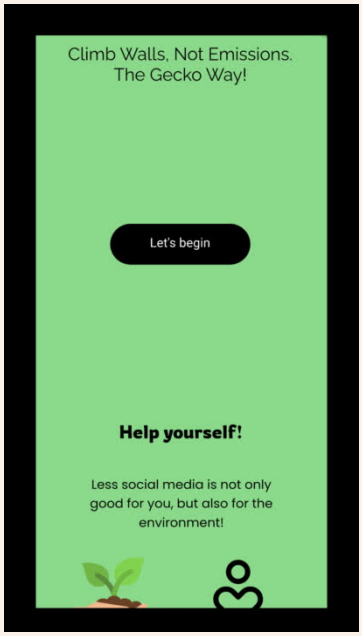
linking this behavior with credits

PERSONAL CARBON CREDITS

- MONTHLY FROM THE GOVERNMENT
- AT THE END OF THE MONTH: PAY IF OVER-BUDGET

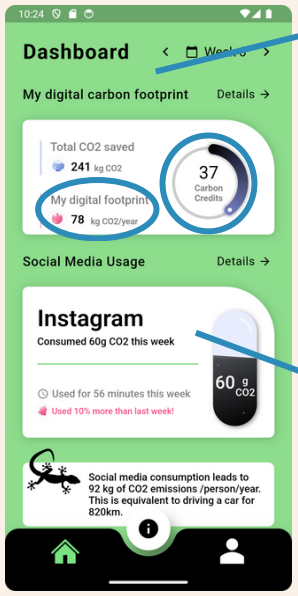
PERSONAL CARBON CREDITS

- MONTHLY FROM THE GOVERNMENT
- AT THE END OF THE MONTH: PAY IF OVER-BUDGET
- OFFSET TO INCREASE BUDGET


Climb Walls, Not Emissions.
The Gecko Way!
Let's begin
Help yourself!
Less social media is not only good for you, but also for the environment!

DIGITAL CARBON FOOTPRINT

PERSONAL CARBON CREDITS

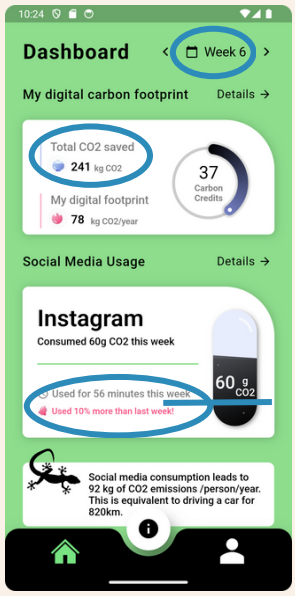


KEEP TRACK OF SOCIAL MEDIA USAGE

USER-FRIENDLY & EASY UI

TOTAL AMOUNT OF SAVED CO2

TRACK WEEK BY WEEK



STATS COMPARISON

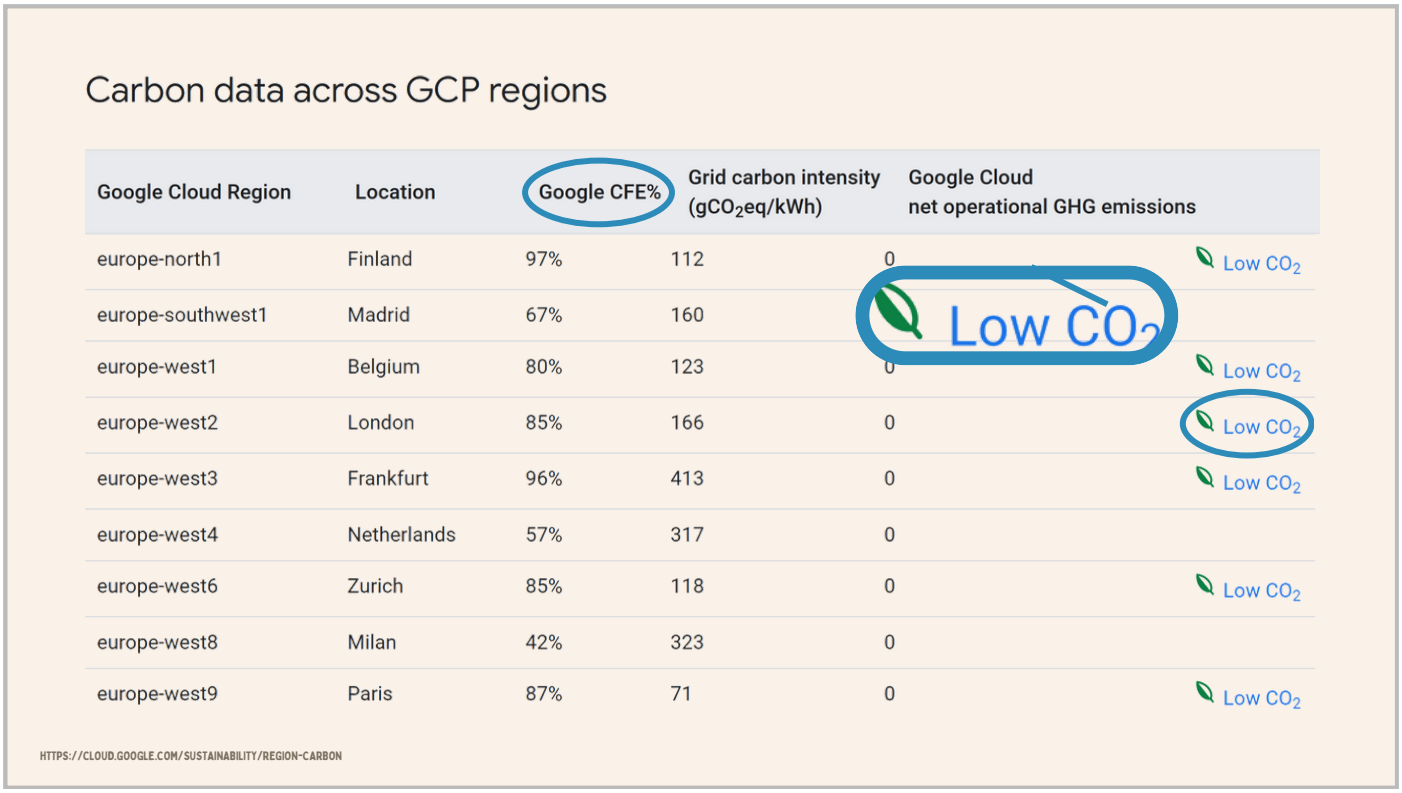
FACTS ABOUT ENVIRONMENTALISM

ALL POWERED BY

Google Cloud

to keep it also all things environmental-friendly

run our application on



Carbon data across GCP regions

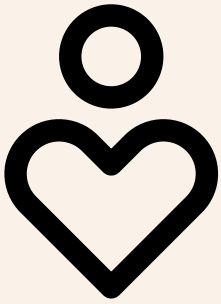
Google Cloud Region	Location	Google CFE%	Grid carbon intensity (gCO_2eq/kWh)	Google Cloud net operational GHG emissions	
europe-north1	Finland	97%	112	0	Low CO_2
europe-southwest1	Madrid	67%	160		
europe-west1	Belgium	80%	123	0	Low CO_2
europe-west2	London	85%	166	0	Low CO_2
europe-west3	Frankfurt	96%	413	0	Low CO_2
europe-west4	Netherlands	57%	317	0	
europe-west6	Zurich	85%	118	0	Low CO_2
europe-west8	Milan	42%	323	0	
europe-west9	Paris	87%	71	0	Low CO_2

HTTPS://CLOUD.GOOGLE.COM/SUSTAINABILITY/REGION-CARBON

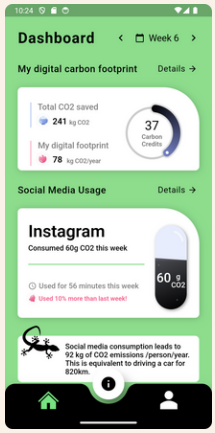
google cloud

net zero

ENVIRONMENT



DIGITAL WELLBEING



USER-FRIENDLY

STICK TO REALITY.
THE GECKO WAY.

CARBON GECKO