



# Sustainability Assessment, Certification and Climate Adaptation

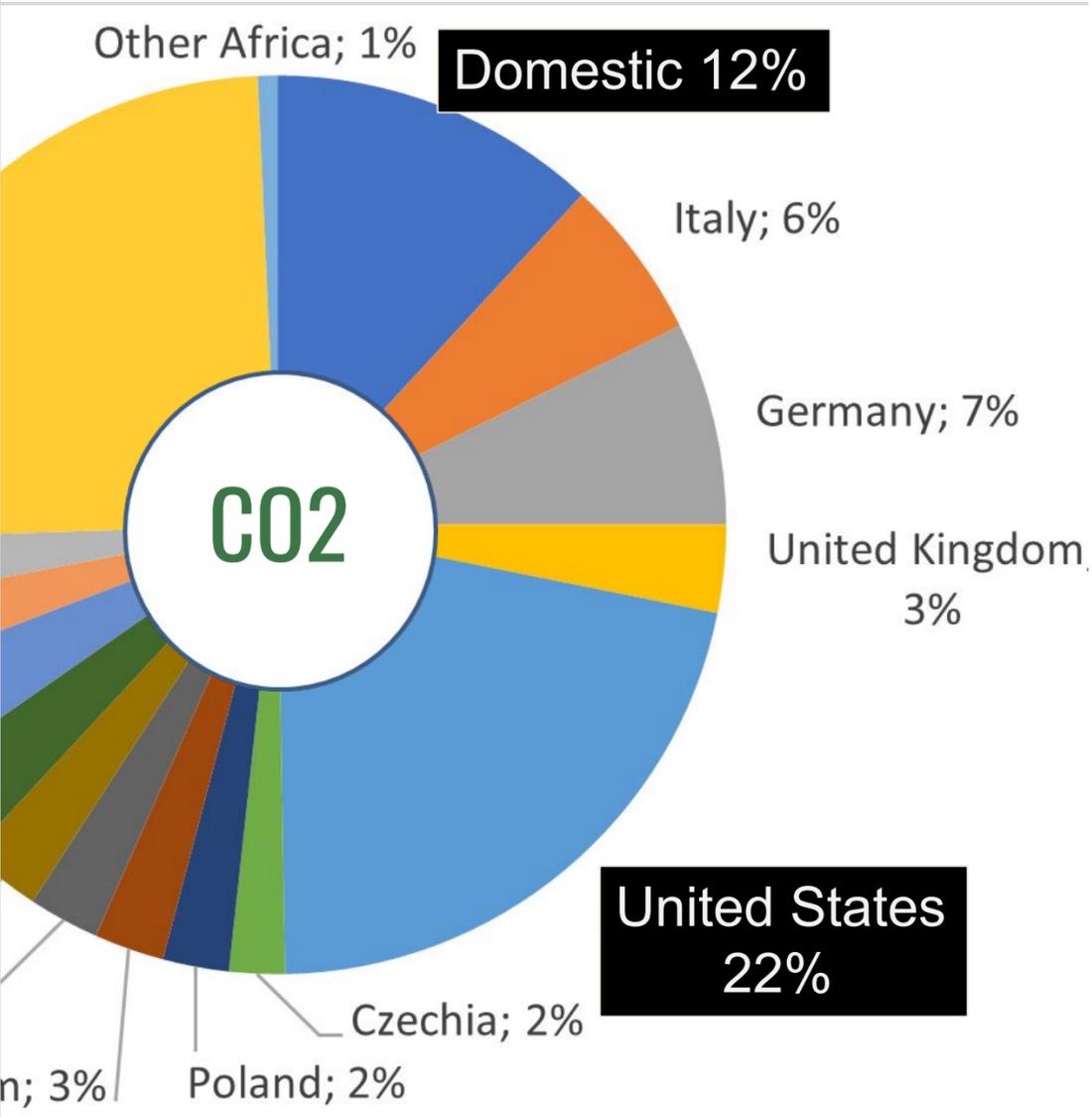
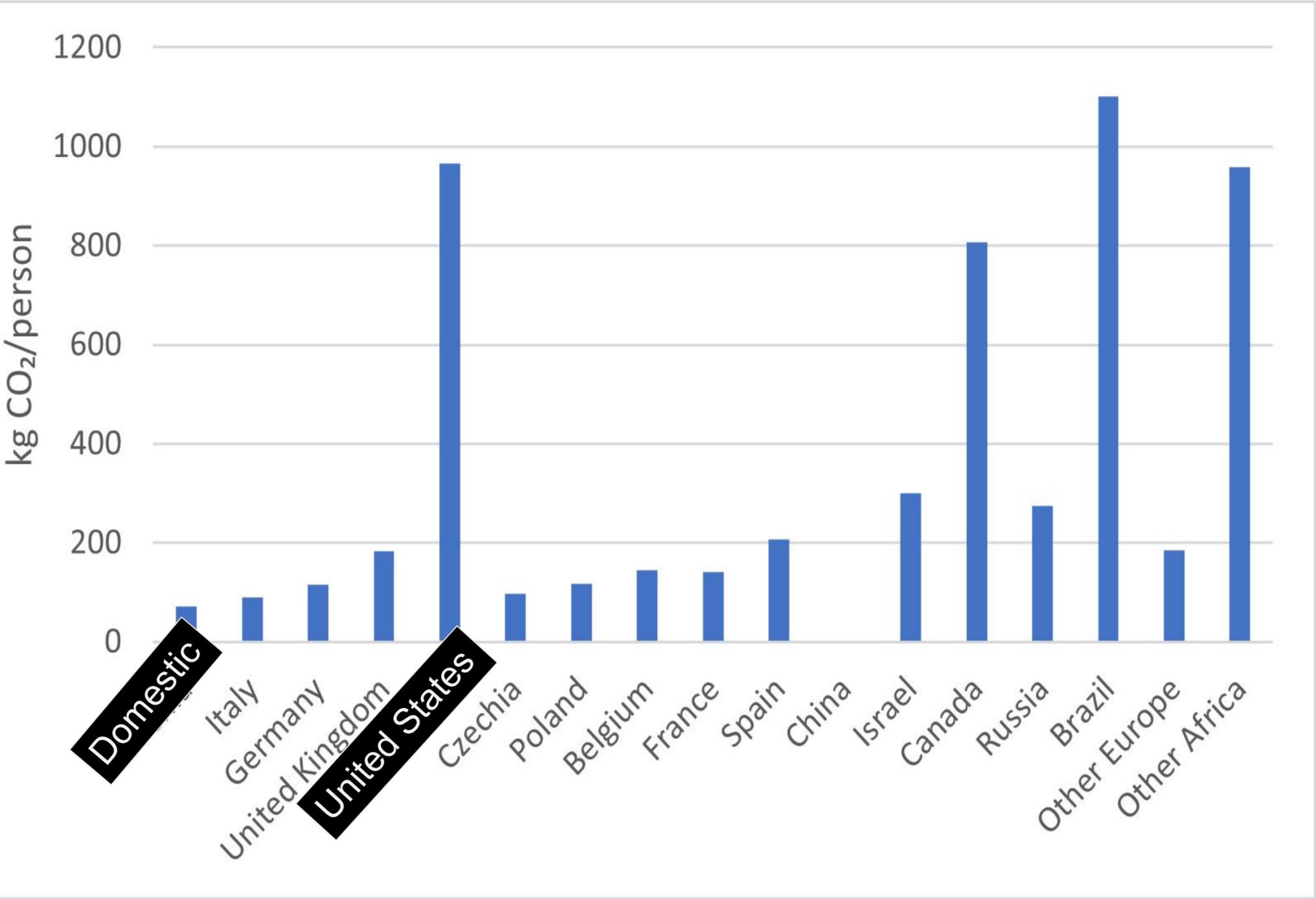
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Albert Salman

# Destination Carbon Footprint



## Calculation of Slovenia destination by BUAS - Green Destinations





LEGENDA

# Green Destinations Climate impact projections

Marine flood risk (Palau)  
also:  
Drought risk  
Urban heat stress  
Precipitation



OVERZICHTSKAART



Palau

POWERED BY esri Earthstar Geographics

Isabelle Breton



## Destinations on the edge of water

Palau facing SLR of 1m

If sea rises 1m, about 2% of its surface would be flooded, equivalent to 7,3km<sup>2</sup> on a total land surface of 459km<sup>2</sup>.

A small fraction of the northern part of Peleliu island could disappear and many islands would lose narrow fragments of their coast.

Show 2.5m flood

Show 1m flood

### Conclusions

Much of Palau's landmass is well above projections for SLR, but most Palauans live and work in the coastal lowlands, as the higher hilly forested ground is not well suited for habitation and economic activity.

With this fact in mind, if the goals of the Paris agreement are not met, valuable natural, historical and tourist features are at risk of disappearing. And when magnified storm surges, tidal floods and extreme rains are added to the equation, the losses will be amplified. Palau's touristic future will depend on its ability to preserve its rich biodiversity and infrastructures. Adaptation, resiliency and mitigation are and remain essential political



# Climate Adaptation

Preparedness: eg. early-warning

Resilience: eg. cyclone-proof building

Nature-based solutions

Water management

Forest management

Diversification



## Coastal zones & Islands

Integrated Coastal Management

Erosion management (EUROSION)

Strategic sediment buffers

Managed retreat



# Green City concept

Green infrastructure, biodiversity  
Soil conservation, water retention  
Pedestrian, clean, quiet, healthy  
Carbon storage  
Reduce urban heat island effect

*“In Spain, Málaga, Sevilla and Madrid show progress”*



**Green  
Buildings**

# Climate Action Standard

20 Criteria related to GSTC-Industry

Self-assessment & Business certification

DMO: Evaluate business sector efforts

CLIMATE ACTION PERFORMANCE CHART OF  
COMPANY NAME, LOCATION



Overall Score



- VERY GOOD
- MODERATE
- INSUFFICIENT



## Cost & Footprint Reduction Tool



The Good Travel Program  
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## Cost & Footprint Monitoring Tool

Aim: Reduce energy bill and carbon footprint

Benchmarking with HCM1 standards

Measures to increase climate resilience of hotels



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 Thank you