

SASTDES Carbon Footprint Tool

The Netherlands, Schouwen-Duiveland

SASTDes – Smart Assessment Sustainable Tourist Destinations

DISCOVER YOUR WORLD

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1 Introduction

The SASTDES Destination Carbon Footprint Tool was developed by the Centre for Sustainability, Tourism and Transport of Breda University of Applied Sciences as part of the SASTDES-project (Smart Assessment Sustainable Tourist Destinations). The project is co-funded by the Taskforce for Applied Research (SIA), part of the Netherlands Organisation for Scientific Research (NWO), under the RAAK scheme.

1.1 Purpose

The model's scope is for European Destinations. The model calculates the carbon footprint of the visitors to your destination based on the choice of transport modes from the source markets to the destination, the number of nights and shares of a range of accommodation types and a range of tourism activities. Results are provided for the carbon footprints per source market and divided over transport, accommodation, and activities.

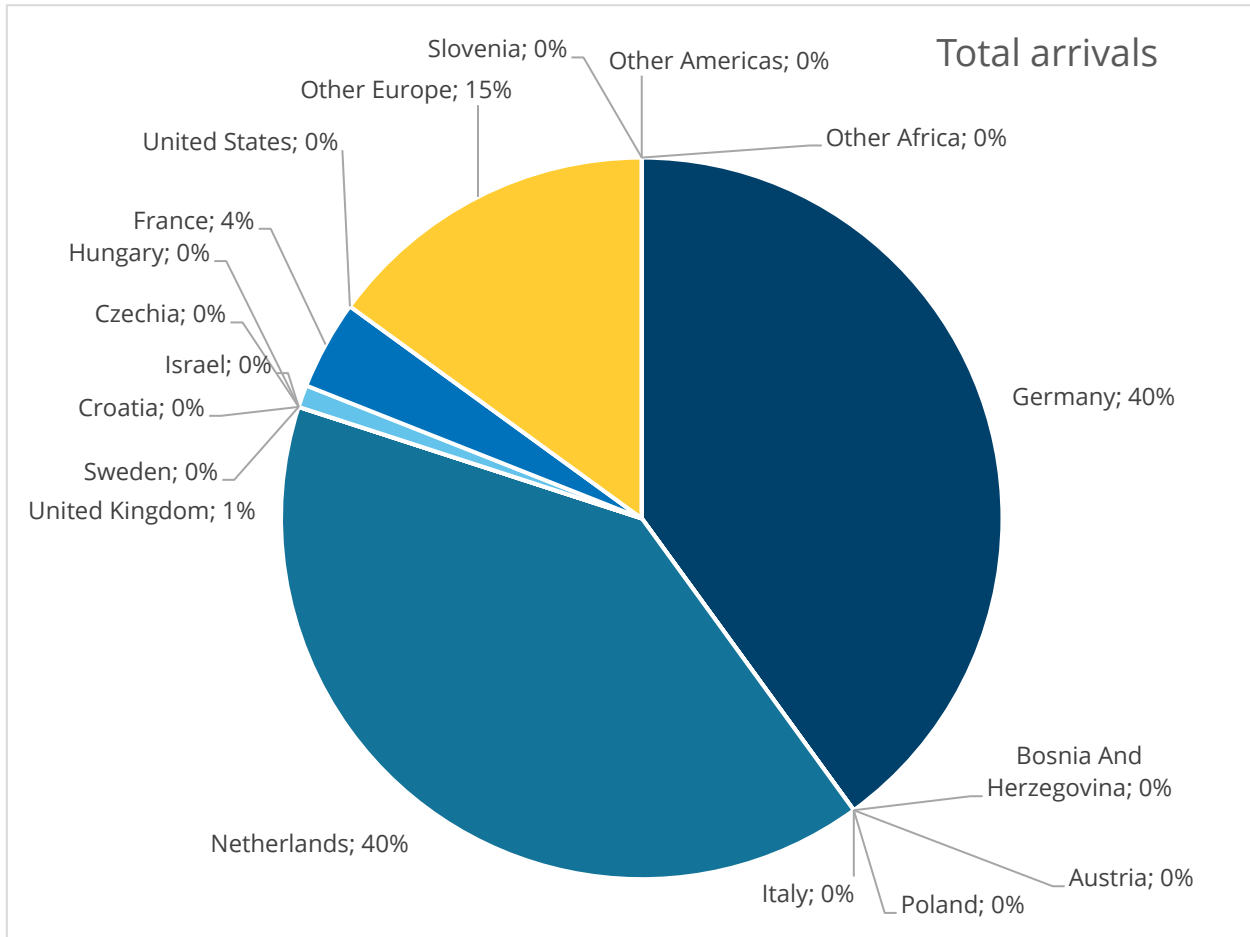
2 Report Tourism

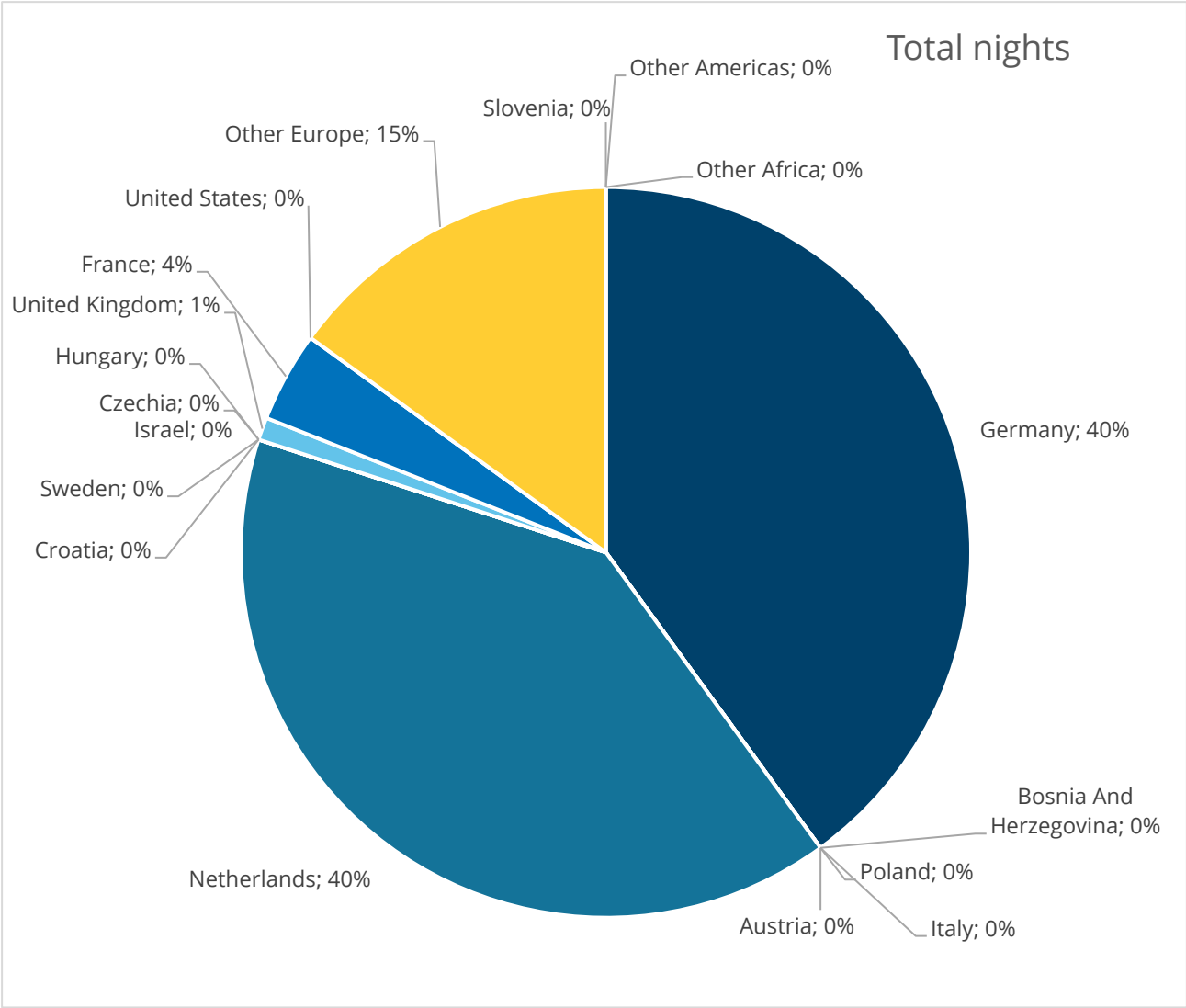
Carbon footprint in Tonnes/year

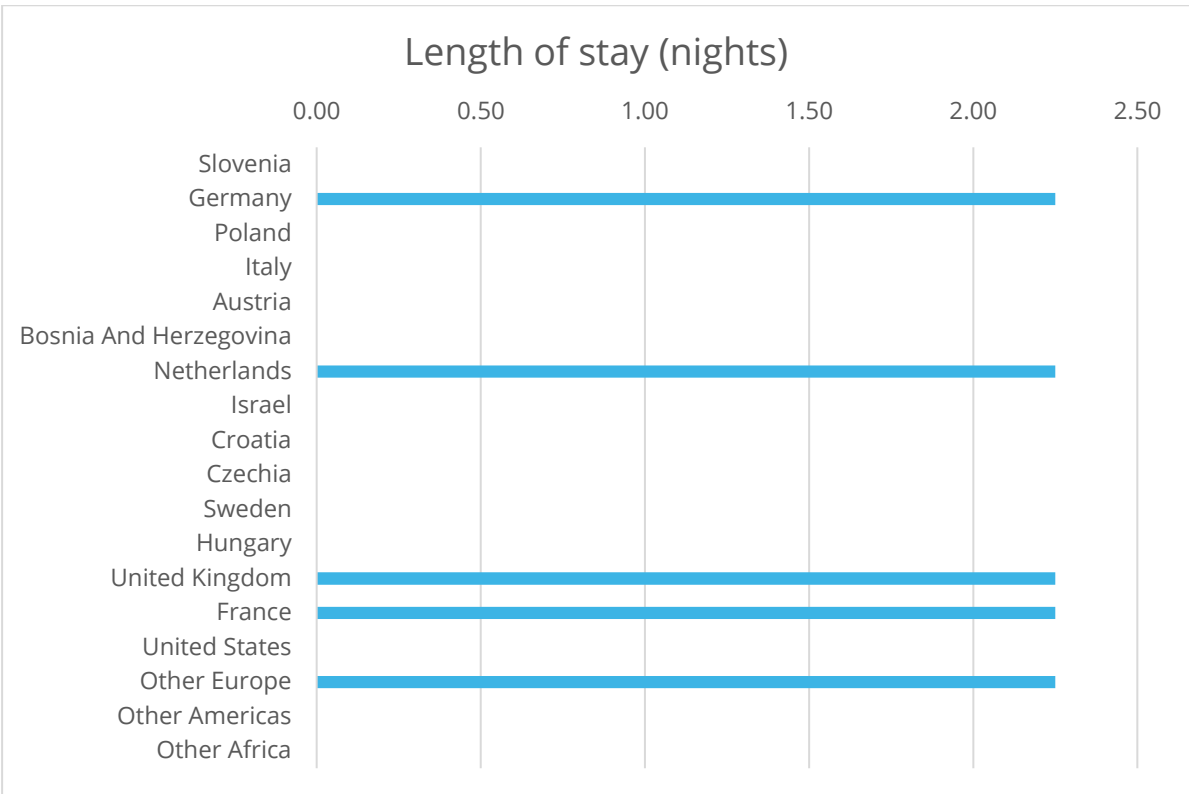
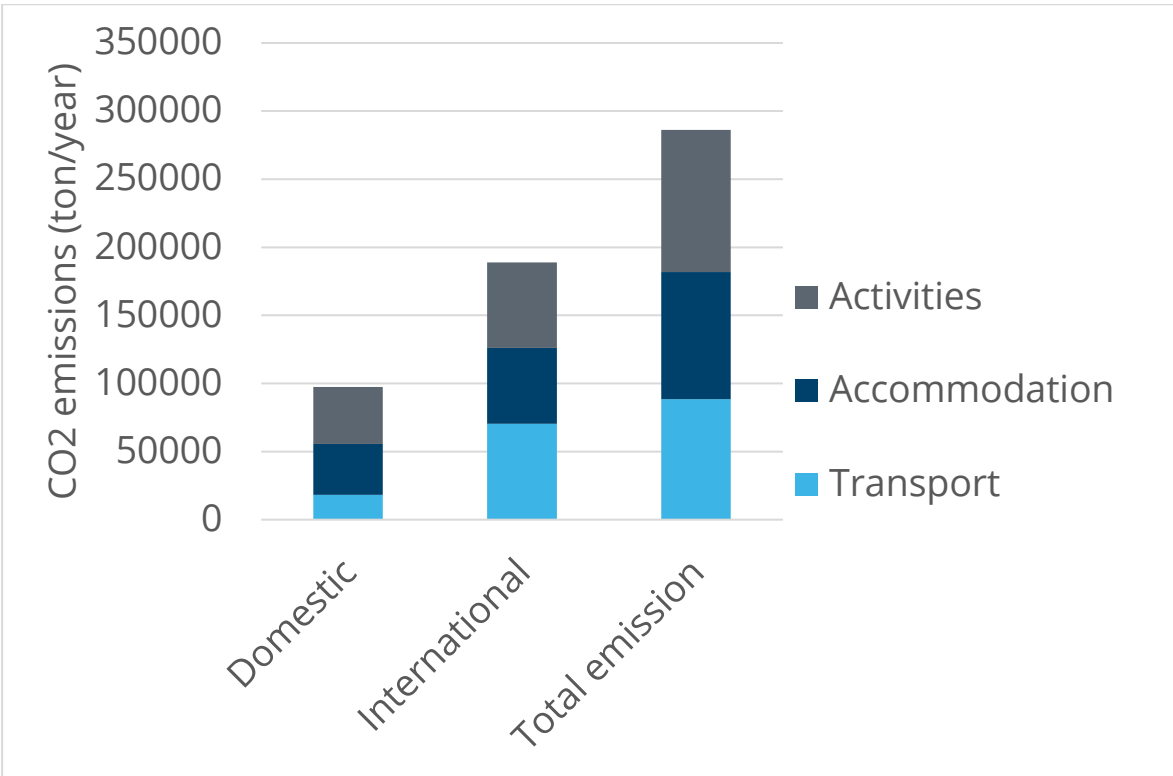
Overview of the carbon footprint	Domestic	International	Total emission	Share (%)
Transport	18287	70288	88576	30.9%
Accommodation	37260	55890	93150	32.5%
Activities	41819	62728	104546	36.5%
Total	97366	188906	286272	100.0%

Number of countries in overview: 15

Source Market	Total arrivals	Total nights	Length of stay (nights)
Slovenia			
Germany	1333200	3000000	2.25
Poland			
Italy			
Austria			
Bosnia And Herzegovina			
Netherlands	1333200	3000000	2.25
Israel			
Croatia			
Czechia			
Sweden			
Hungary			
United Kingdom	33330	75000	2.25
France	133320	300000	2.25
United States			
Other Europe	499950	1125000	2.25
Other Americas	0	0	
Other Africa	0	0	







3 Report Carbon Footprint

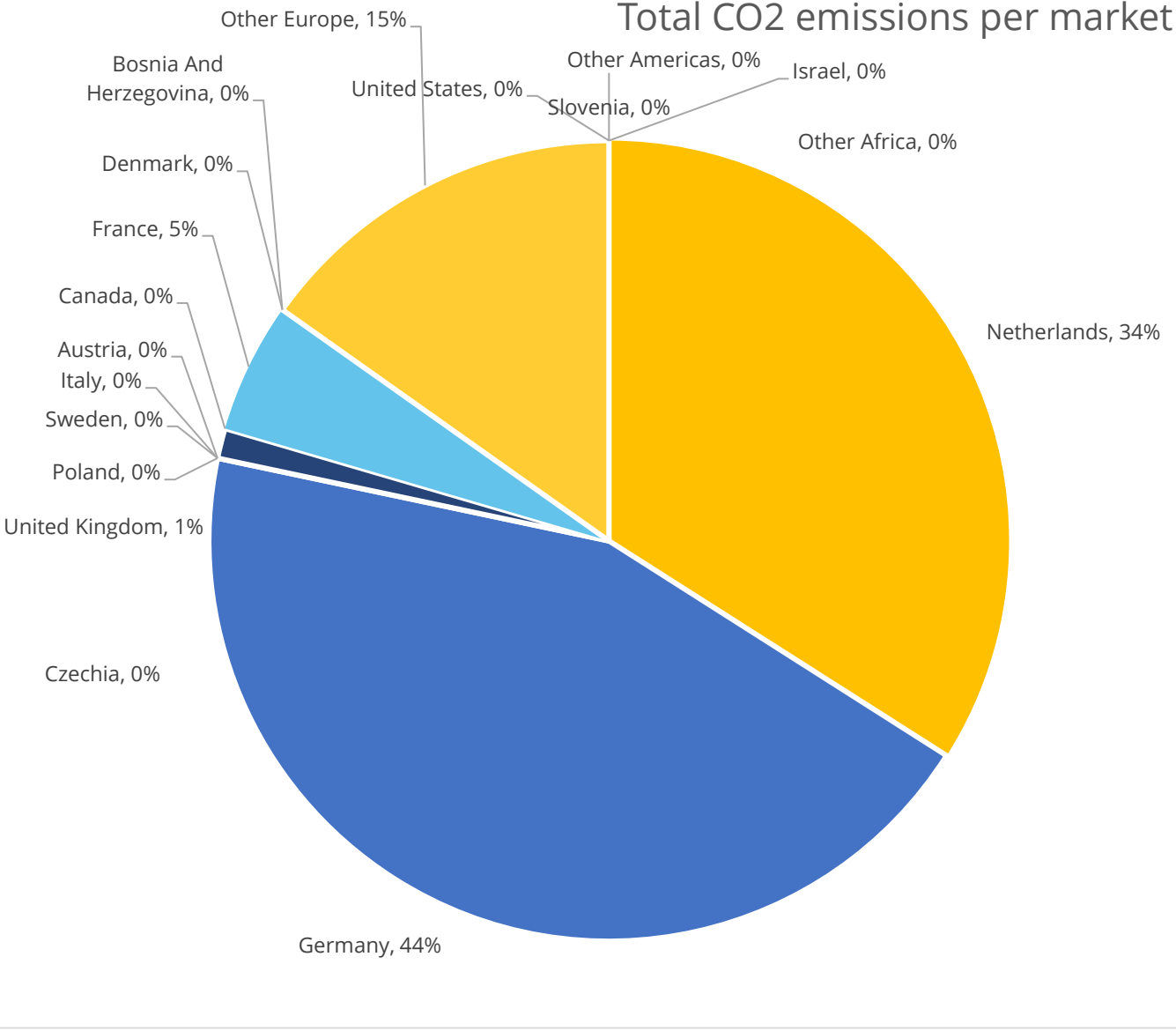
Carbon footprint in Tonnes/year

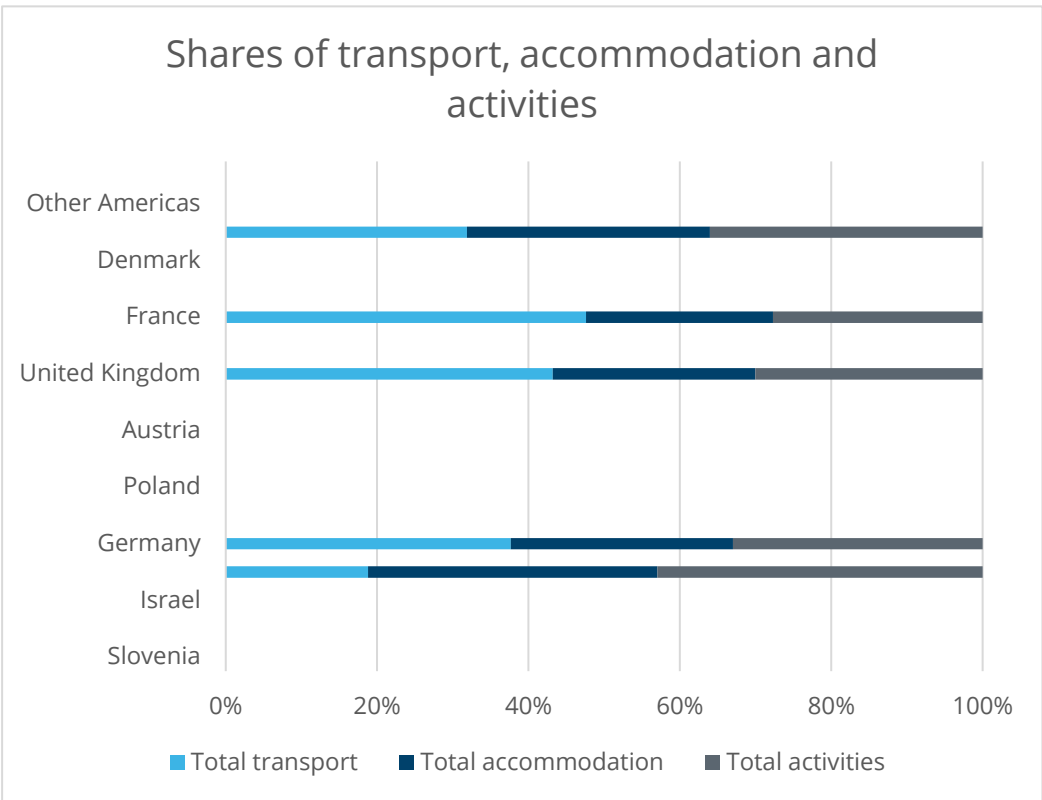
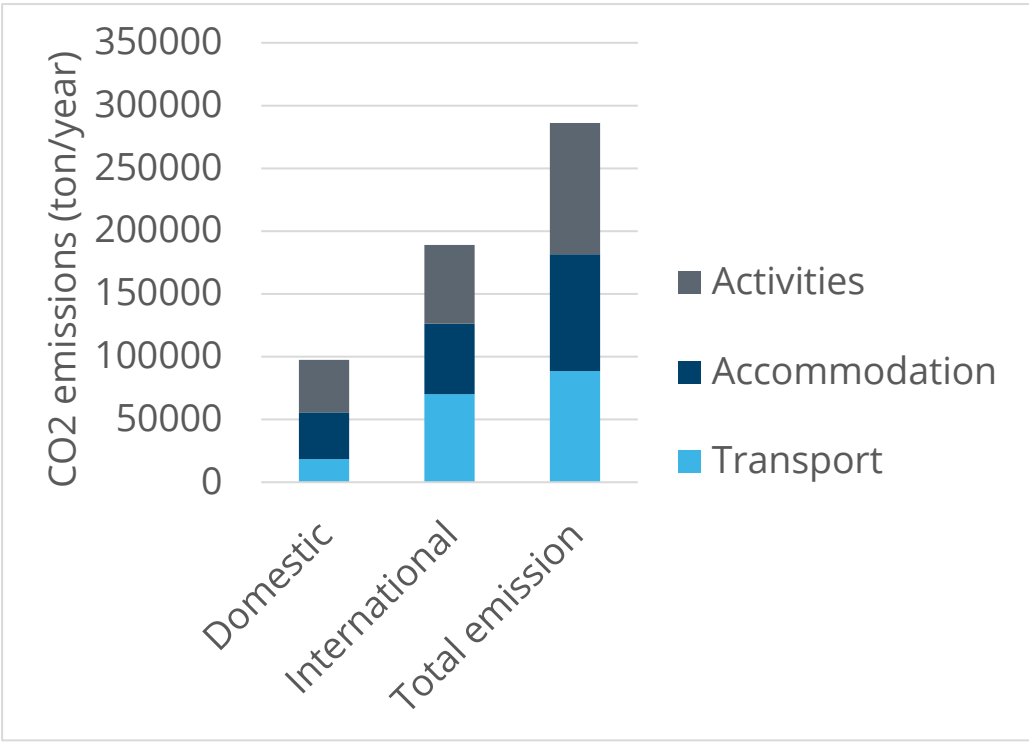
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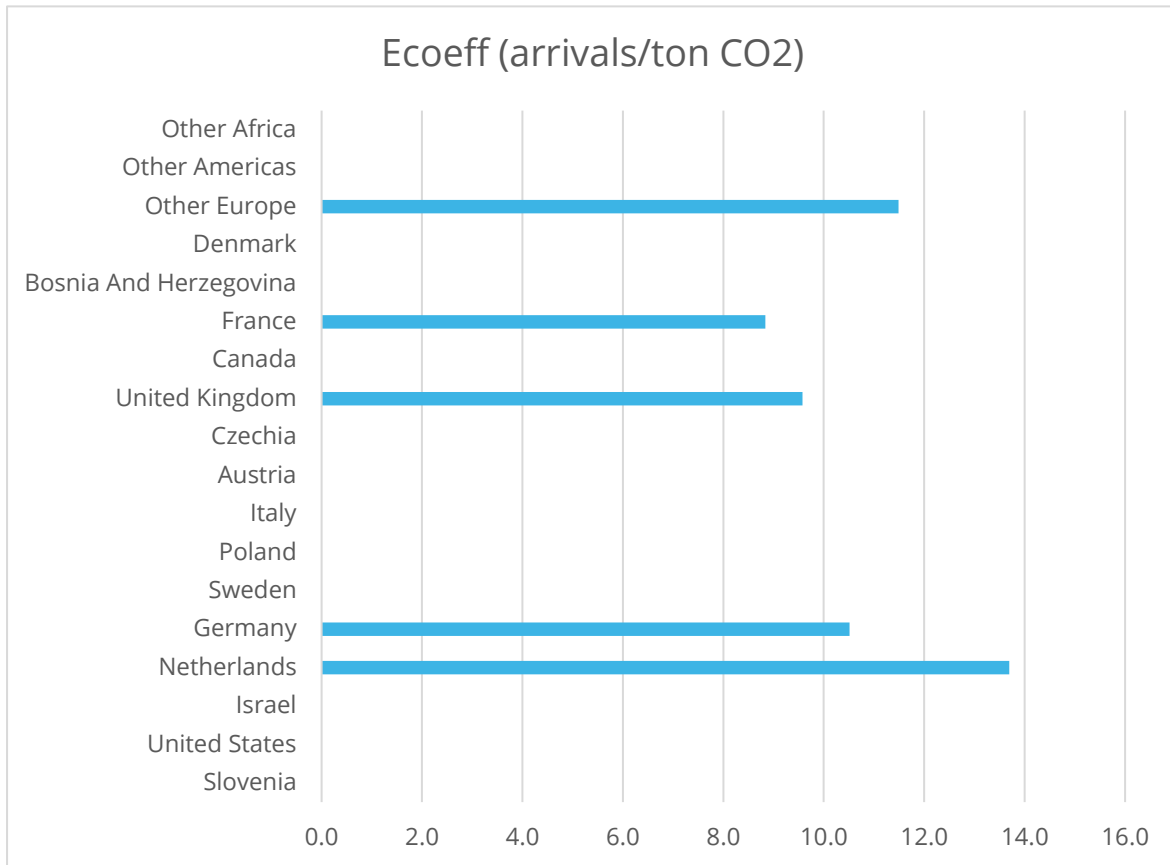
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Source Market	Total transport	Total accommodation	Total activities	Total	Ecoeff (arrivals/ton CO2)
Slovenia				0	
United States				0	
Israel				0	
Netherlands	18287	37260	41819	97366	13.7
Germany	47747	37260	41819	126825	10.5
Sweden				0	
Poland				0	
Italy				0	
Austria				0	
Czechia				0	
United Kingdom	1503	932	1045	3480	9.6
Canada				0	
France	7178	3726	4182	15086	8.8
Bosnia And Herzegovina				0	
Denmark				0	
Other Europe	13860	13973	15682	43514	11.5
Other Americas	0	0	0	0	
Other Africa	0	0	0	0	

Total CO2 emissions per market









Games



Media



Hotel



Facility



Built Environment



Logistics



Tourism



Leisure & Events



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