

SASTDES Carbon Footprint Tool

Slovenia

SASTDes – Smart Assessment Sustainable Tourist Destinations

DISCOVER YOUR WORLD

Contents

1	Introduction	2
1.1	Purpose	2
2	Report Tourism	3
3	Report Carbon Footprint	7

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.

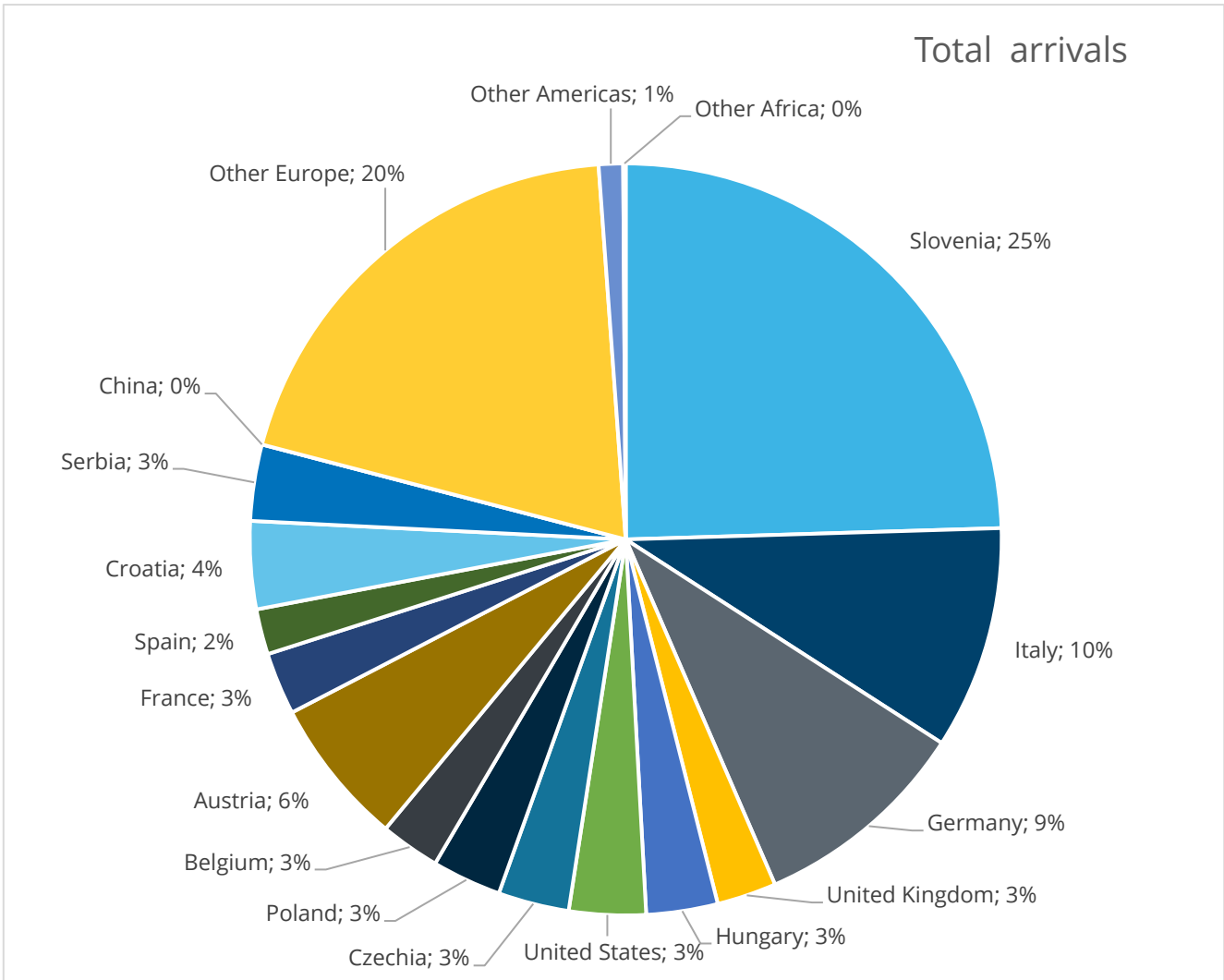
2 Report Tourism

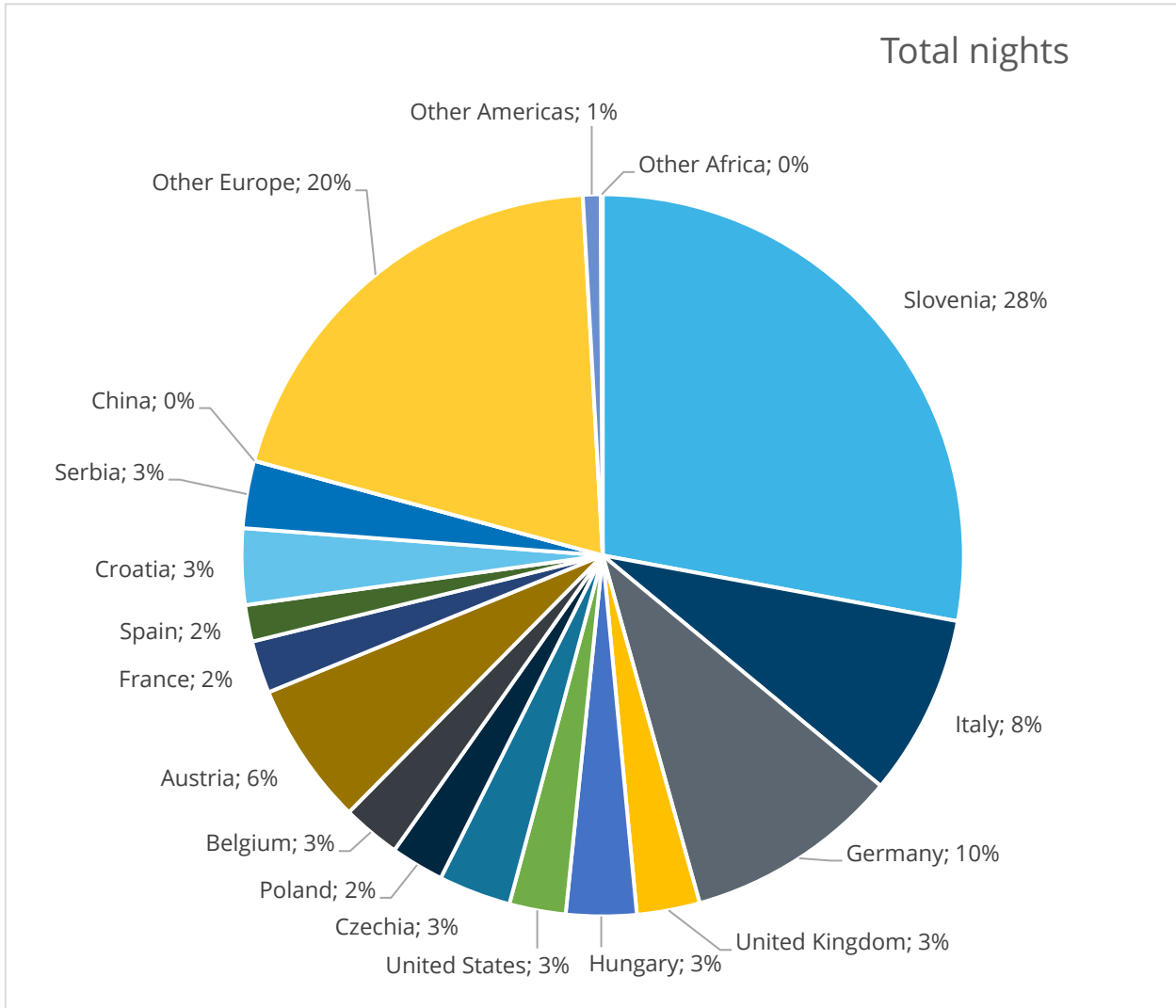
Carbon footprint in Tonnes/year

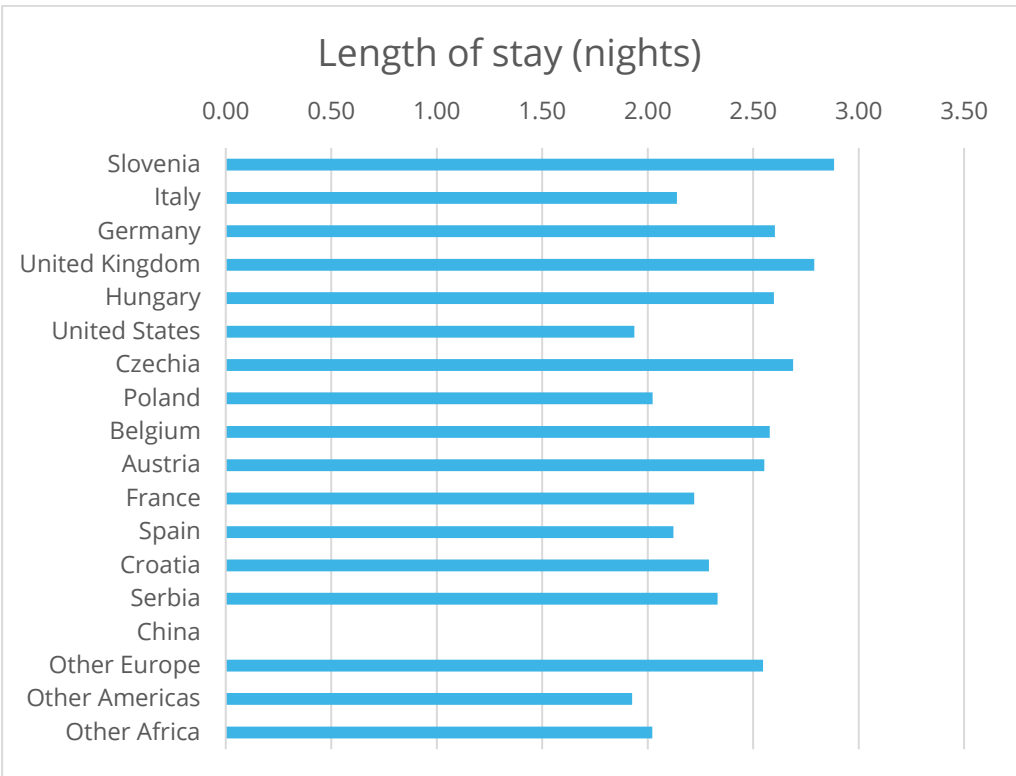
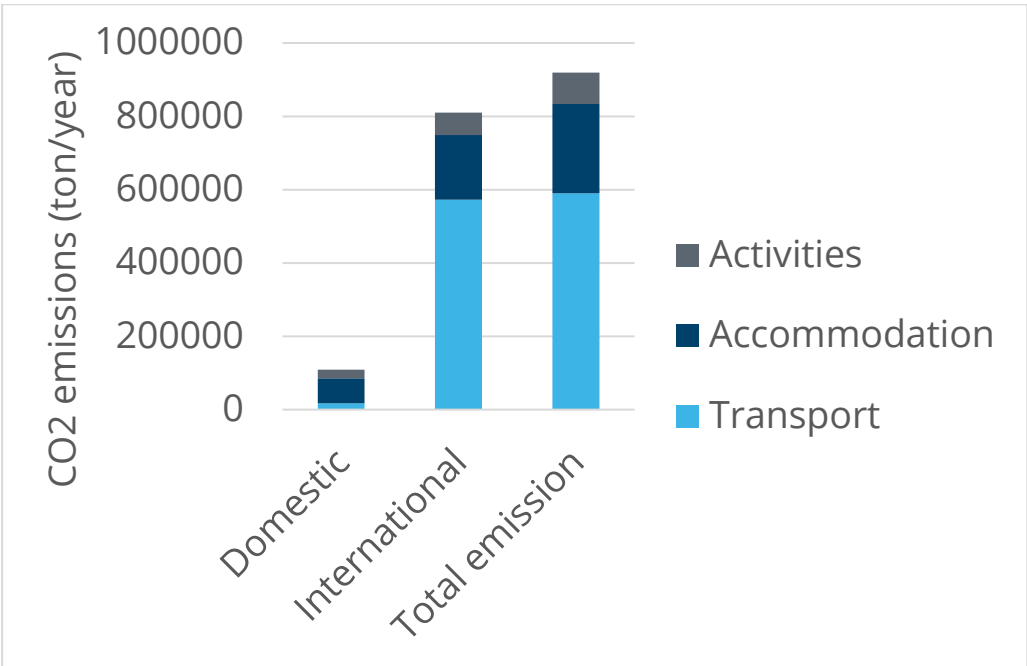
Overview of the carbon footprint	Domestic	International	Total emission	Share (%)
Transport	17190	572974	590164	64.2%
Accommodation	68031	175634	243666	26.5%
Activities	23972	61887	85859	9.3%
Total	109193	810495	919688	100.0%

Number of countries in overview: 15

Source Market	Total arrivals	Total nights	Length of stay (nights)
Slovenia	1527491	4404472	2.88
Italy	597416	1277802	2.14
Germany	584957	1522319	2.60
United Kingdom	159477	444864	2.79
Hungary	191248	496923	2.60
United States	205534	398188	1.94
Czechia	190002	511121	2.69
Poland	185826	376109	2.02
Belgium	159775	412078	2.58
Austria	396201	1011199	2.55
France	166953	370720	2.22
Spain	121558	257990	2.12
Croatia	234855	537939	2.29
Serbia	204091	475712	2.33
China			
Other Europe	1232354	3138834	2.55
Other Americas	65112	125469	1.93
Other Africa	6723	13591	2.02







3 Report Carbon Footprint

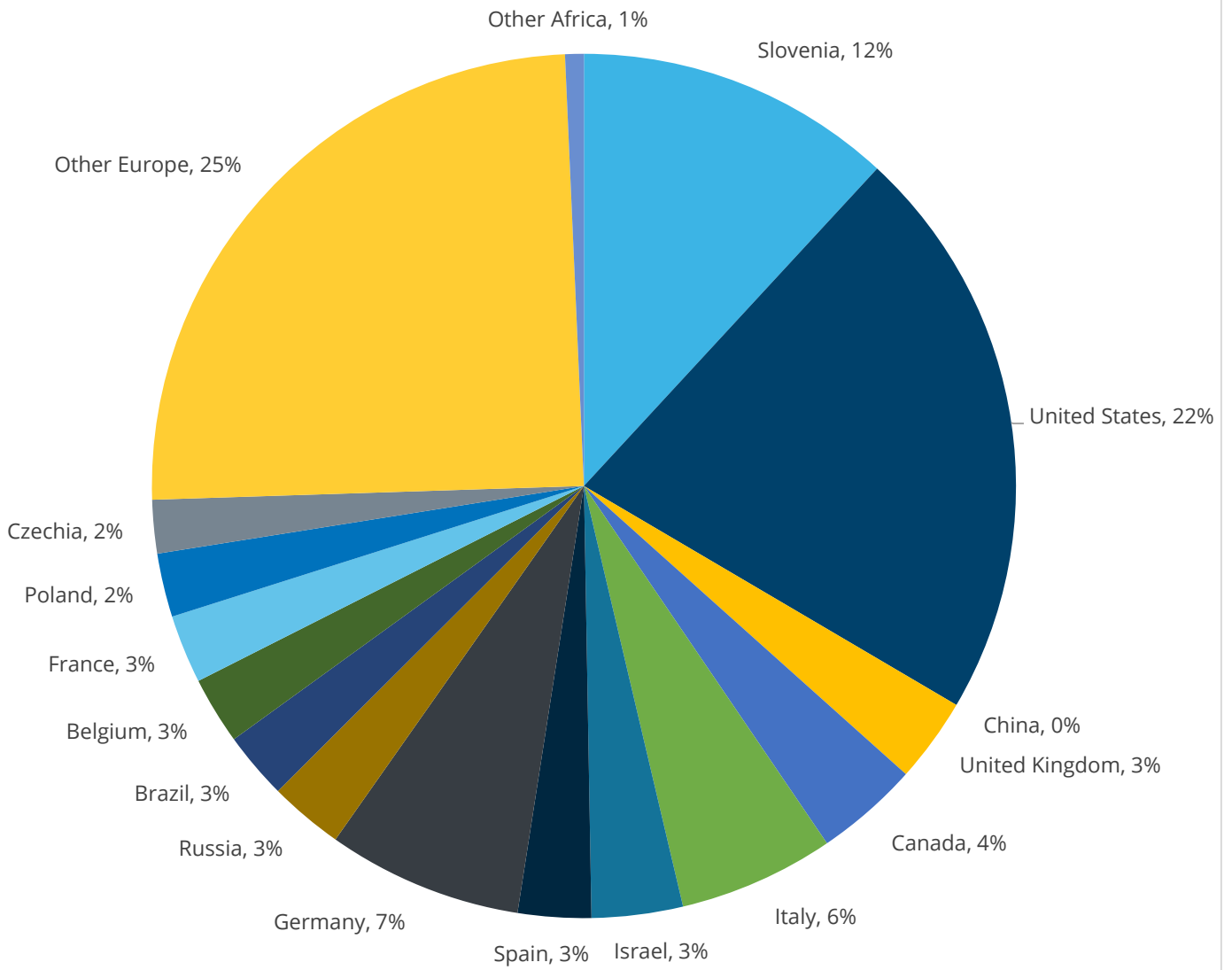
Carbon footprint in Tonnes/year

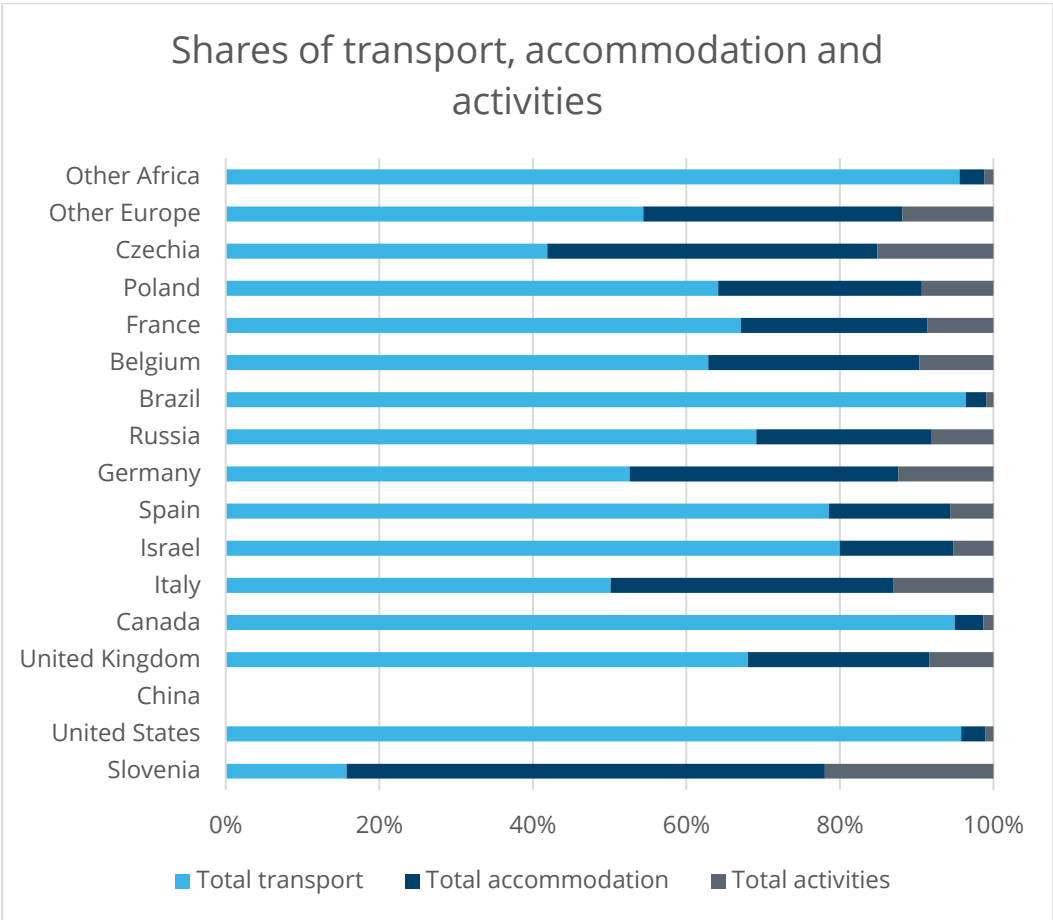
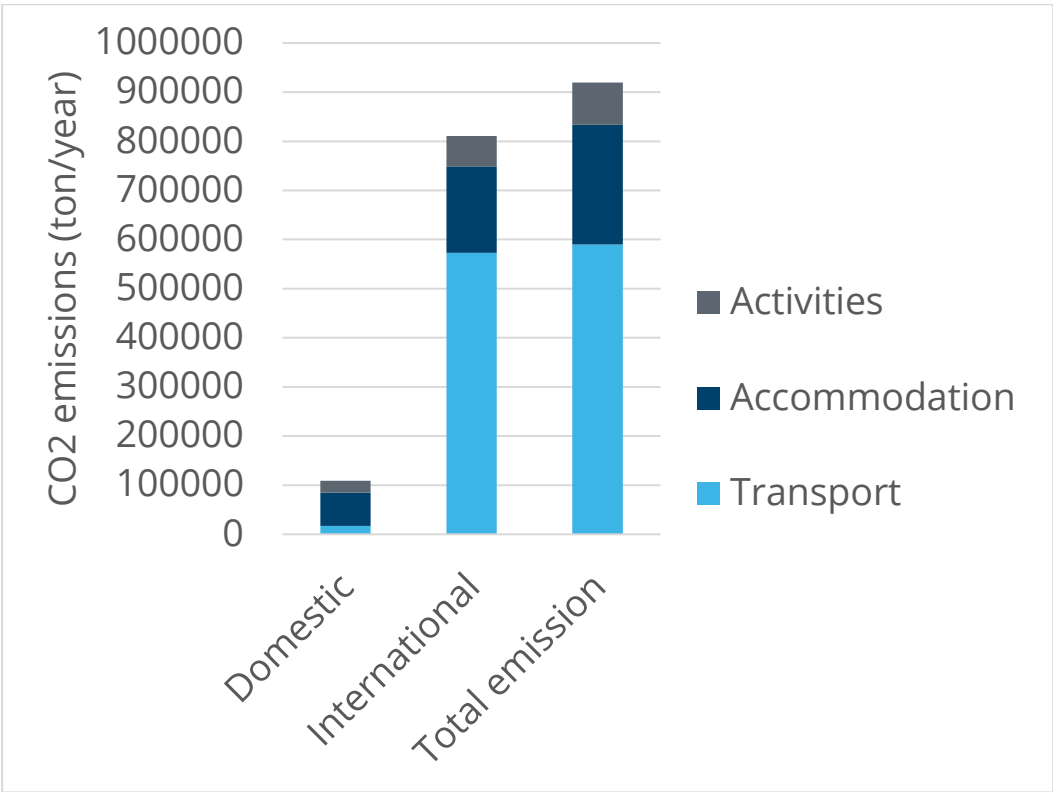
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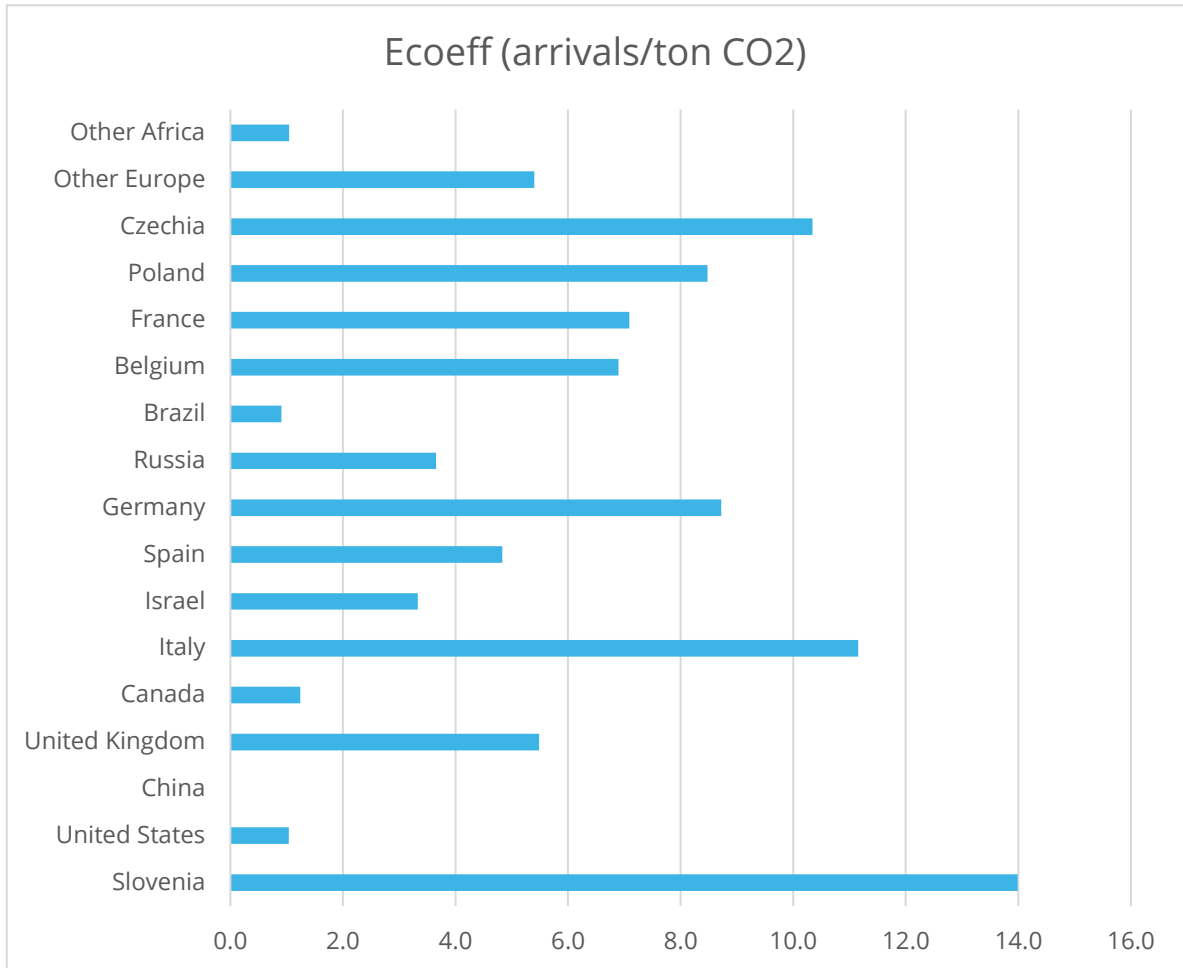
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Source Market	Total transport	Total accommodation	Total activities	Total	Ecoeff (arrivals/ton CO2)
Slovenia	17190	68031	23972	109193	14.0
United States	190196	6150	2167	198514	1.0
China				0	
United Kingdom	19770	6871	2421	29063	5.5
Canada	33832	1326	467	35625	1.2
Italy	26863	19737	6955	53554	11.2
Israel	25083	4634	1633	31350	3.3
Spain	19777	3985	1404	25166	4.8
Germany	35272	23514	8285	67071	8.7
Russia	17644	5830	2054	25527	3.7
Brazil	22200	612	216	23027	0.9
Belgium	14566	6365	2243	23174	6.9
France	15798	5726	2018	23542	7.1
Poland	14058	5809	2047	21915	8.5
Czechia	7699	7895	2782	18376	10.3
Other Europe	124059	76970	27121	228150	5.4
Other Africa	6157	210	74	6441	1.0

Total CO2 emissions per market









Games



Media



Hotel



Facility



Built Environment



Logistics



Tourism



Leisure & Events



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