

SASTDES Carbon Footprint Tool

Slovenia, Brezice

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

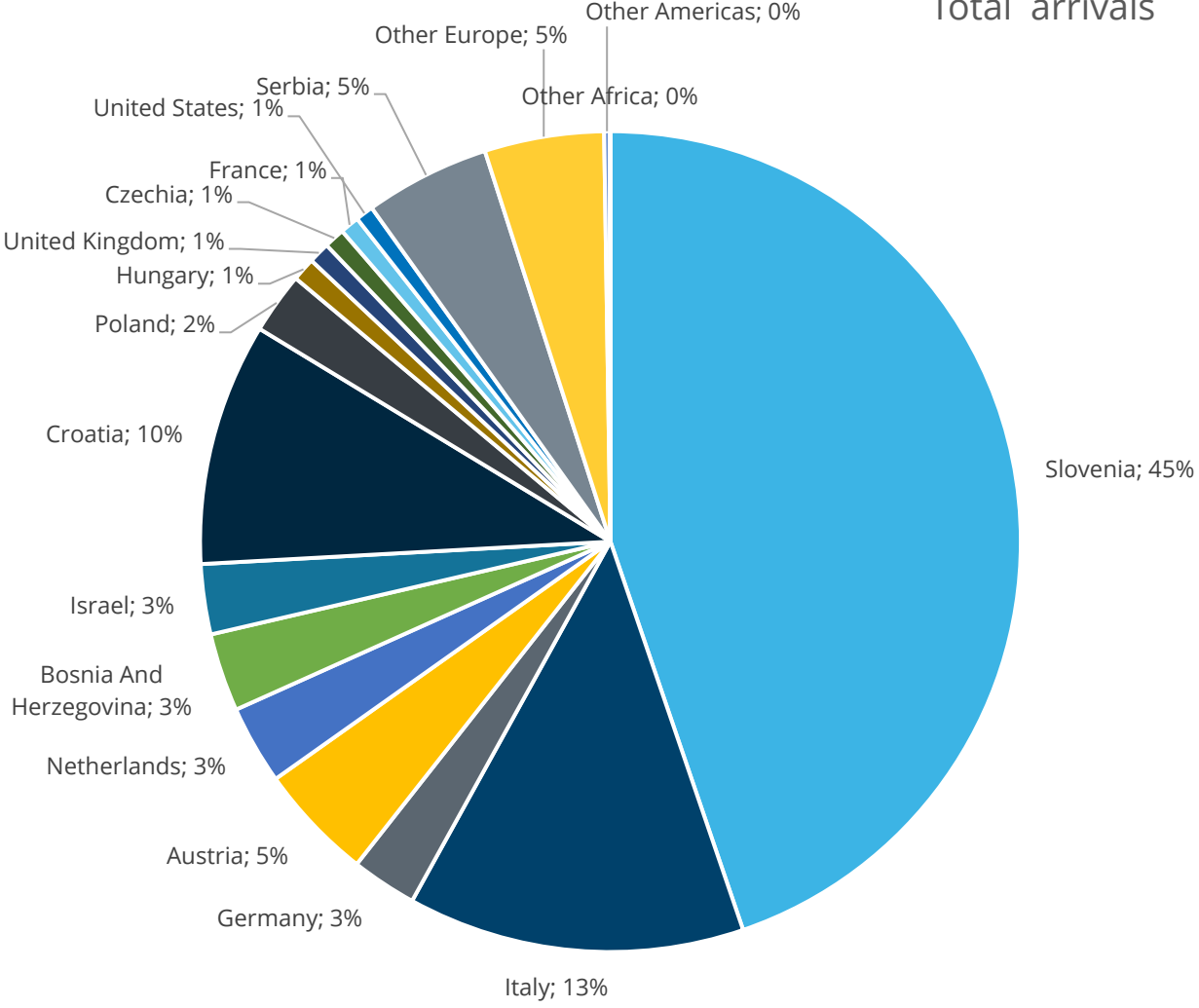
Carbon footprint in Tonnes/year

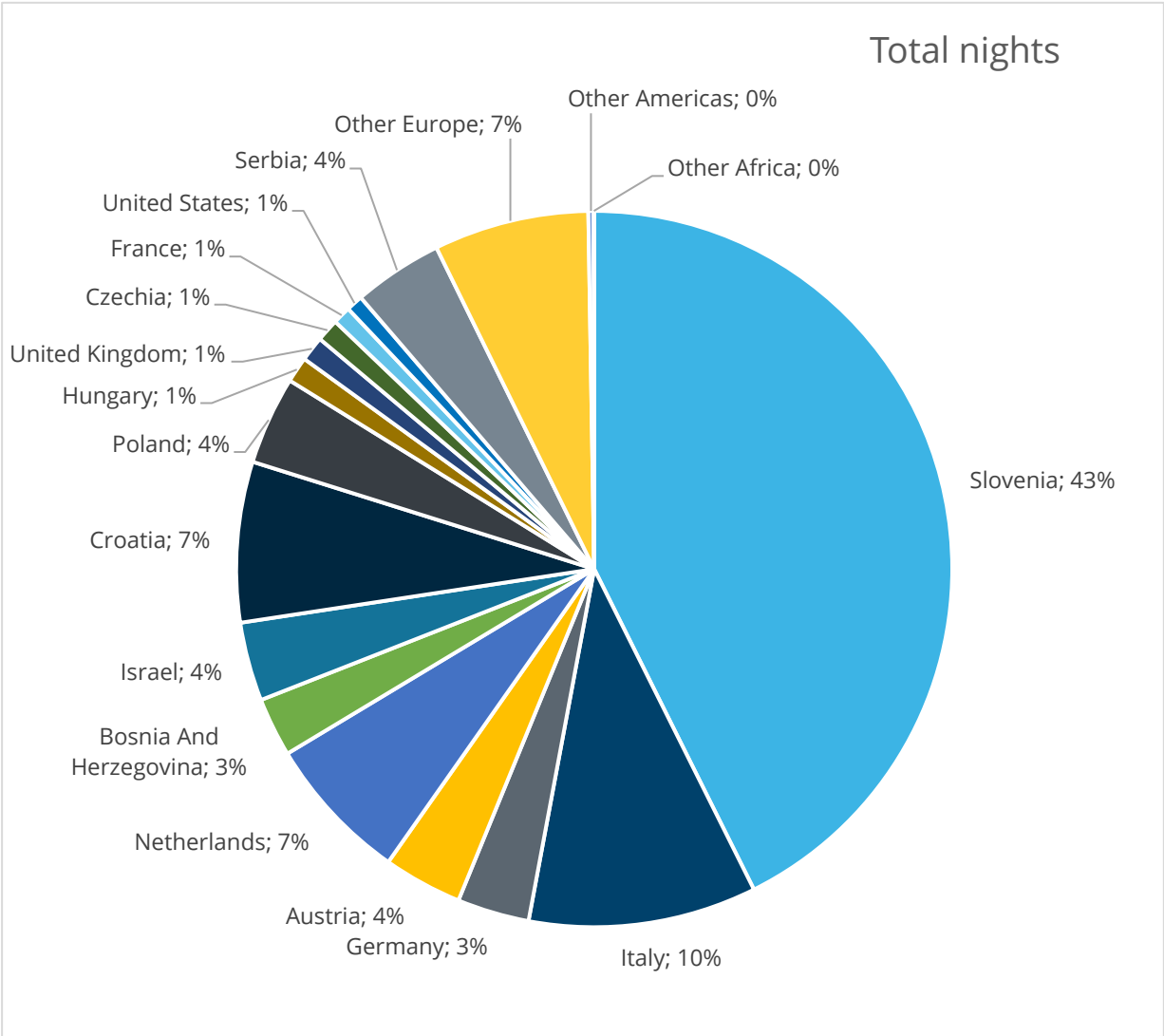
Overview of the carbon footprint	Domestic	International	Total emission	Share (%)
Transport	1010	7782	8791	39.9%
Accommodation	4919	6617	11536	52.4%
Activities	720	969	1690	7.7%
Total	6649	15368	22017	100.0%

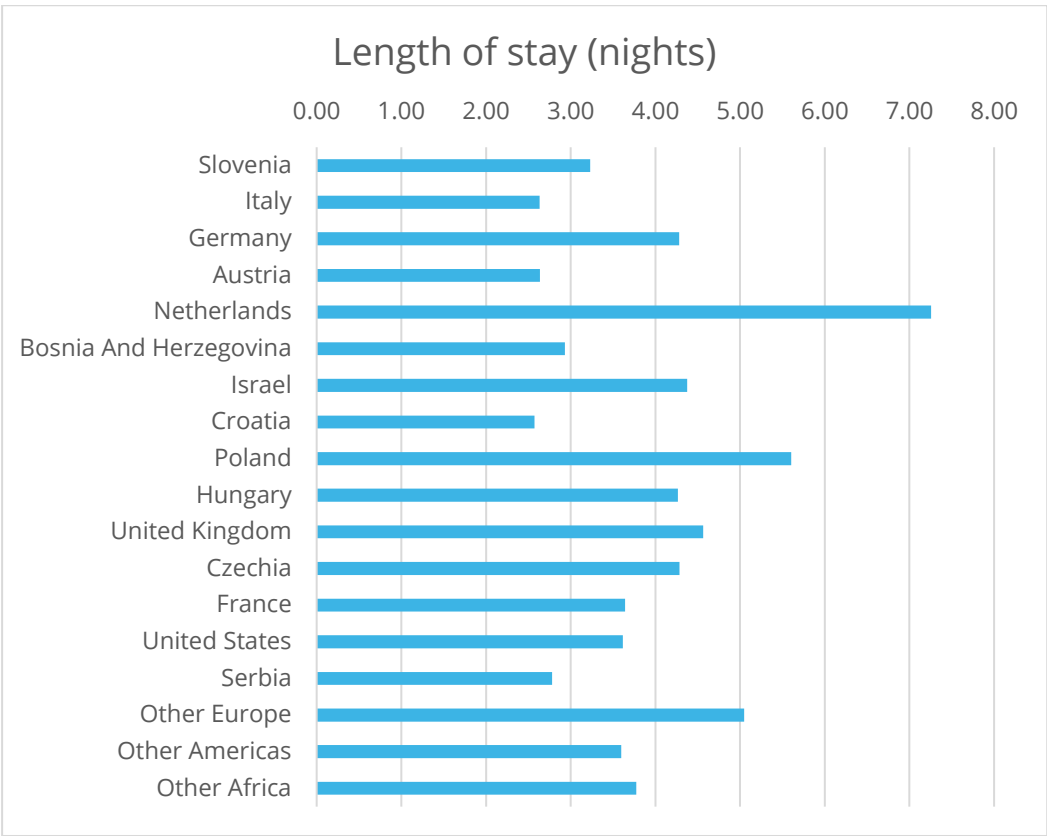
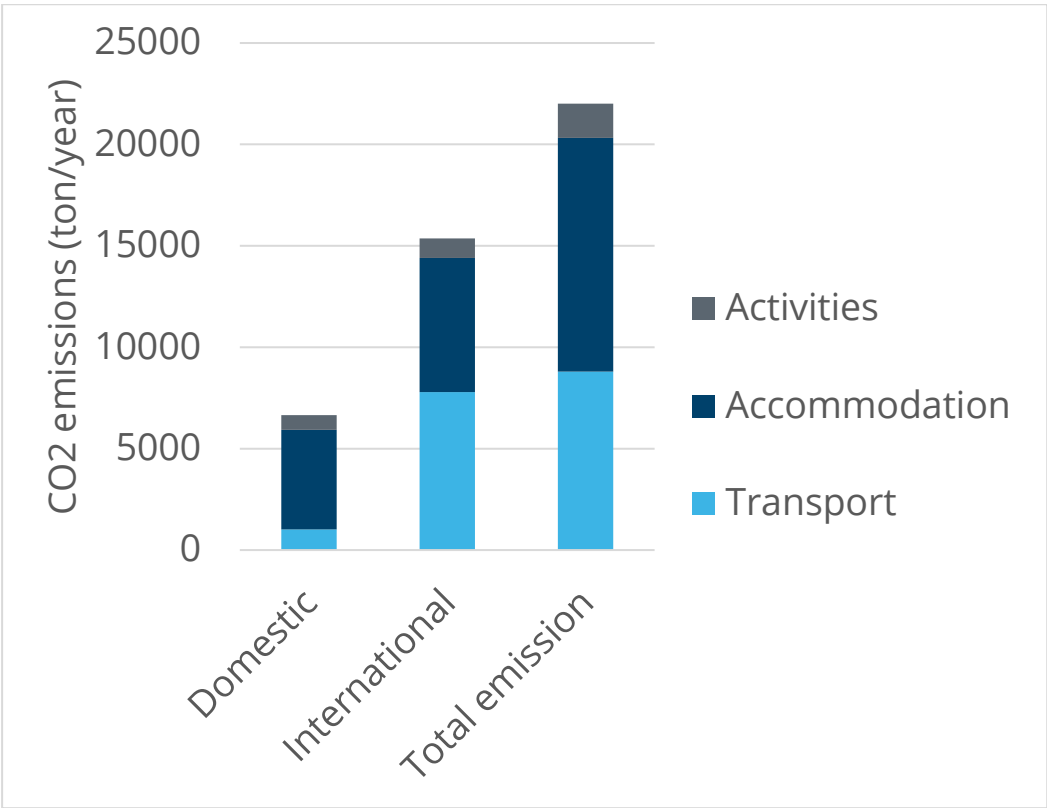
Number of countries in overview: 15

Source Market	Total arrivals	Total nights	Length of stay (nights)
Slovenia	90626	292881	3.23
Italy	26868	70748	2.63
Germany	5218	22342	4.28
Austria	9273	24453	2.64
Netherlands	6277	45539	7.26
Bosnia And Herzegovina	6236	18271	2.93
Israel	5588	24453	4.38
Croatia	19336	49729	2.57
Poland	4880	27337	5.60
Hungary	1864	7953	4.27
United Kingdom	1691	7718	4.56
Czechia	1651	7074	4.29
France	1528	5563	3.64
United States	1428	5164	3.62
Serbia	9982	27750	2.78
Other Europe	9527	48090	5.05
Other Americas	452	1627	3.60
Other Africa	47	176	3.77

Total arrivals







3 Report Carbon Footprint

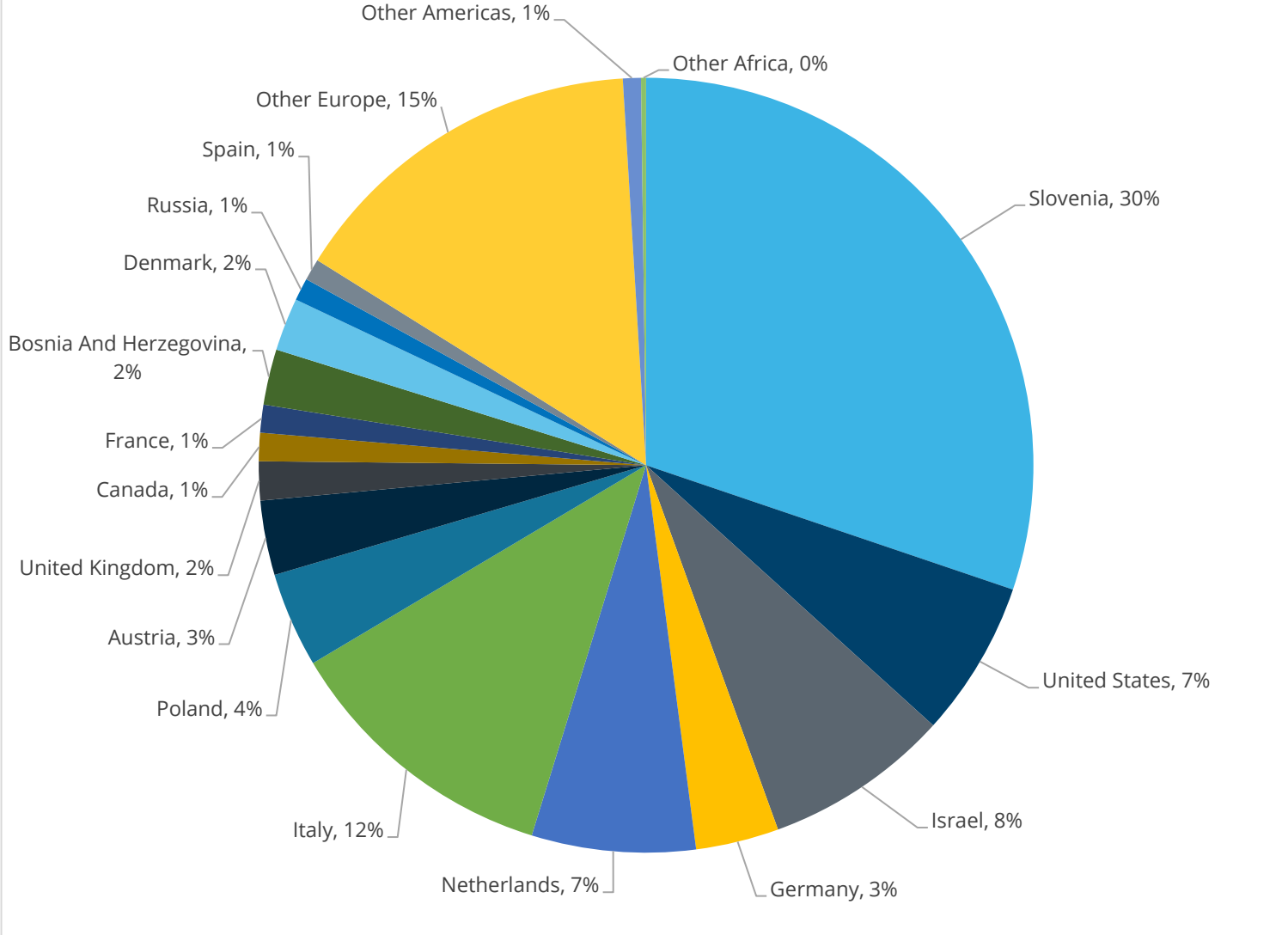
Carbon footprint in Tonnes/year

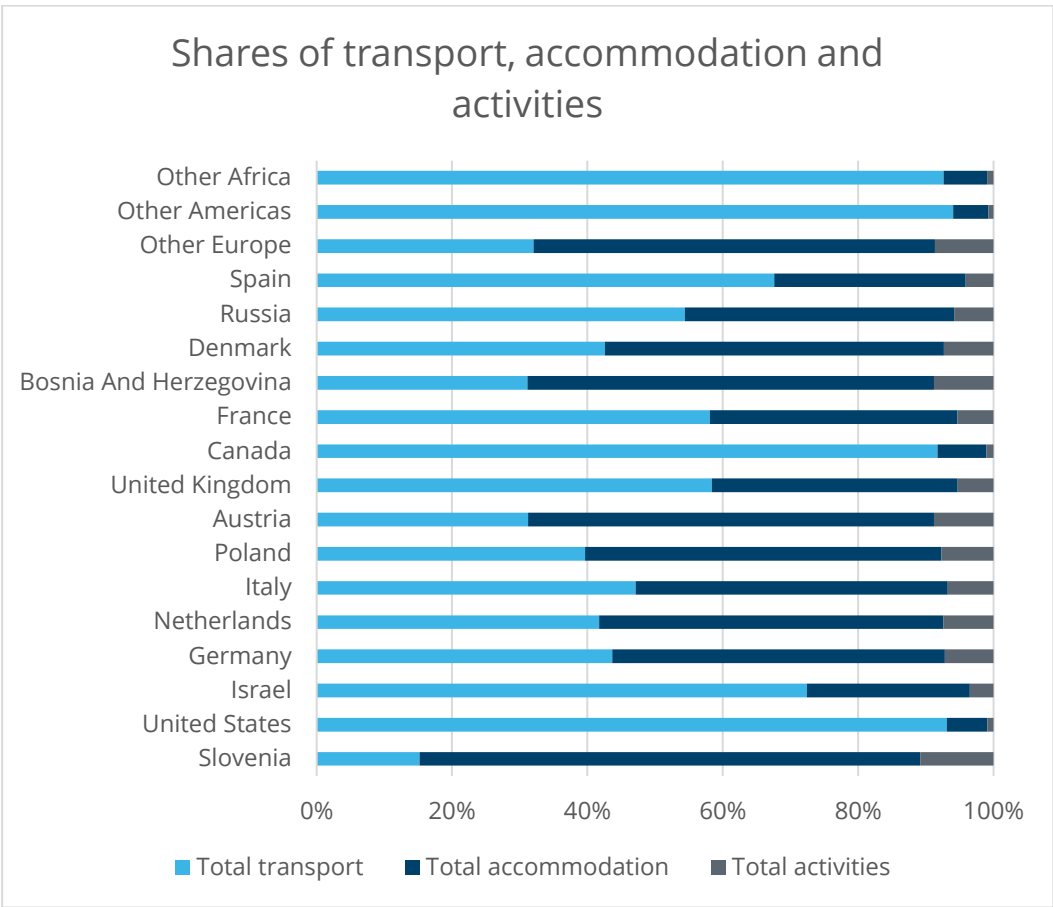
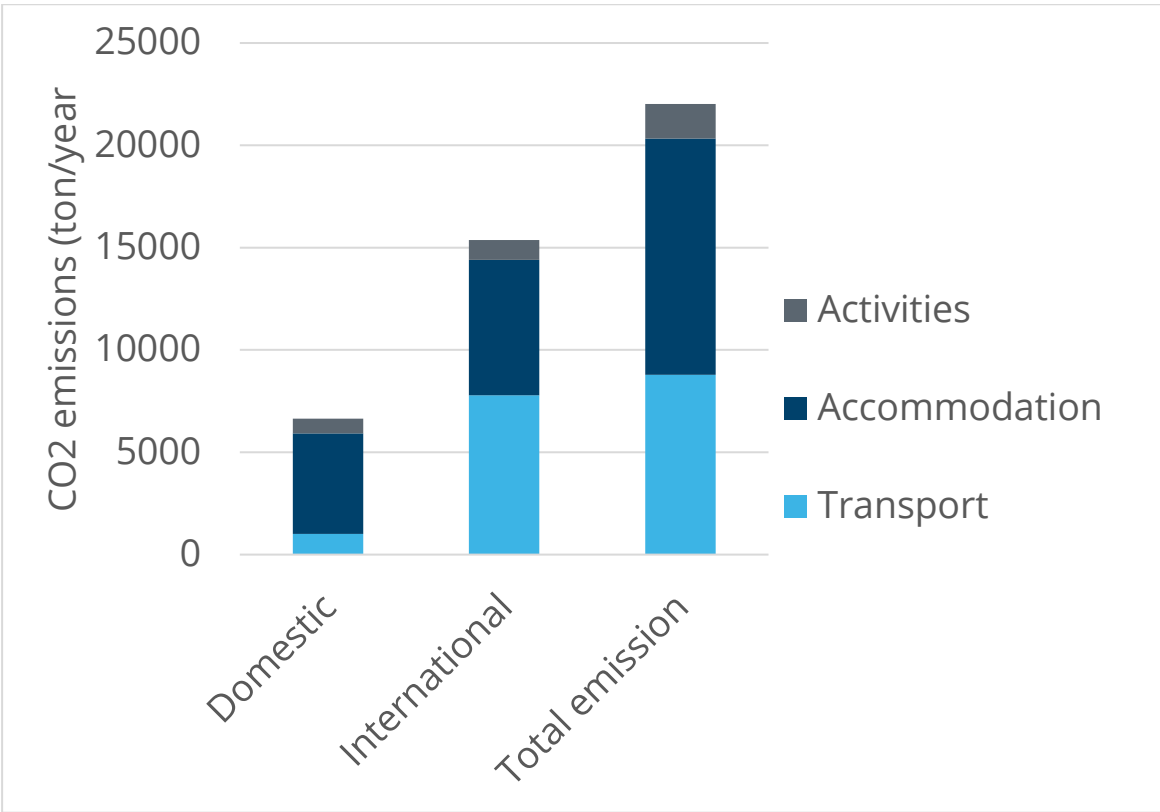
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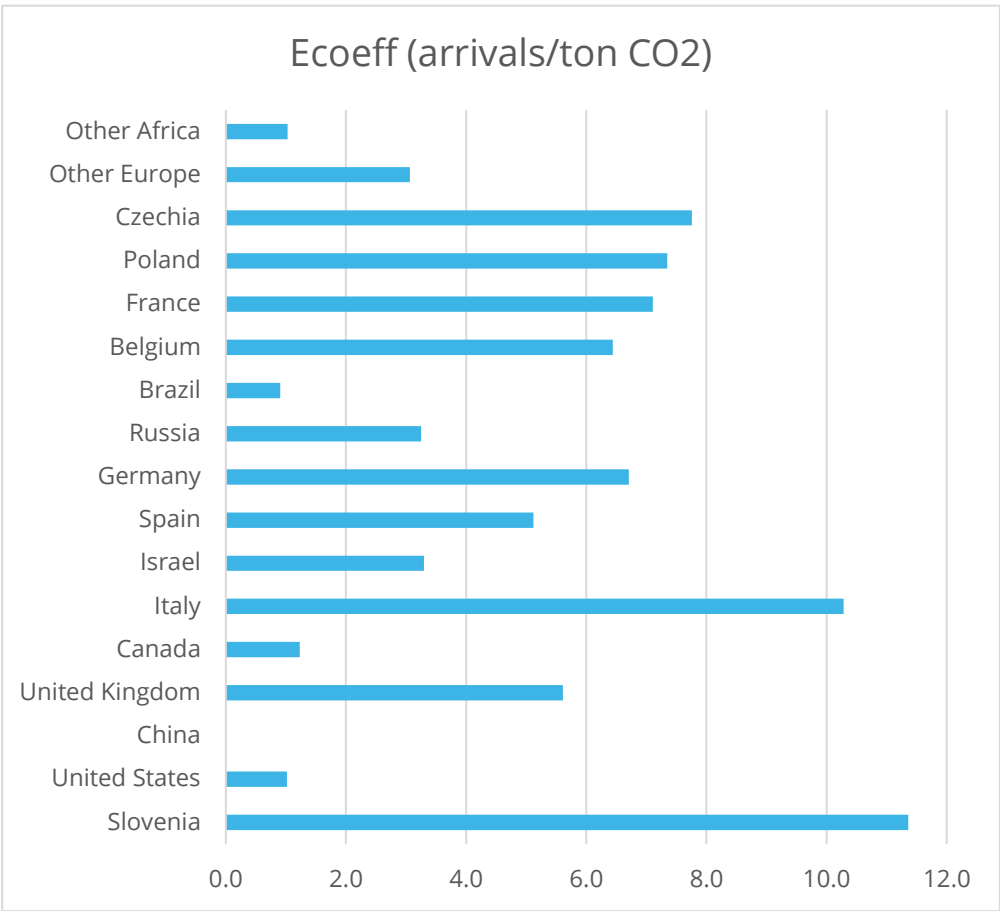
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Source Market	Total transport	Total accommodation	Total activities	Total	Ecoeff (arrivals/ton CO2)
Slovenia	1010	4919	720	6649	13.6
United States	1335	87	13	1434	1.0
Israel	1236	411	60	1707	3.3
Germany	333	375	55	763	6.8
Netherlands	628	765	112	1505	4.2
Italy	1214	1188	174	2576	10.4
Poland	346	459	67	873	5.6
Austria	214	411	60	685	13.5
United Kingdom	208	130	19	357	4.7
Canada	238	19	3	259	1.2
France	149	93	14	256	6.0
Bosnia And Herzegovina	159	307	45	511	12.2
Denmark	207	243	36	486	4.0
Russia	113	82	12	207	3.1
Spain	135	56	8	199	4.2
Other Europe	1070	1980	290	3339	2.9
Other Americas	155	9	1	165	2.7
Other Africa	43	3	0	46	1.0

Total CO2 emissions per market









Games



Media



Hotel



Facility



Built Environment



Logistics



Tourism



Leisure & Events



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