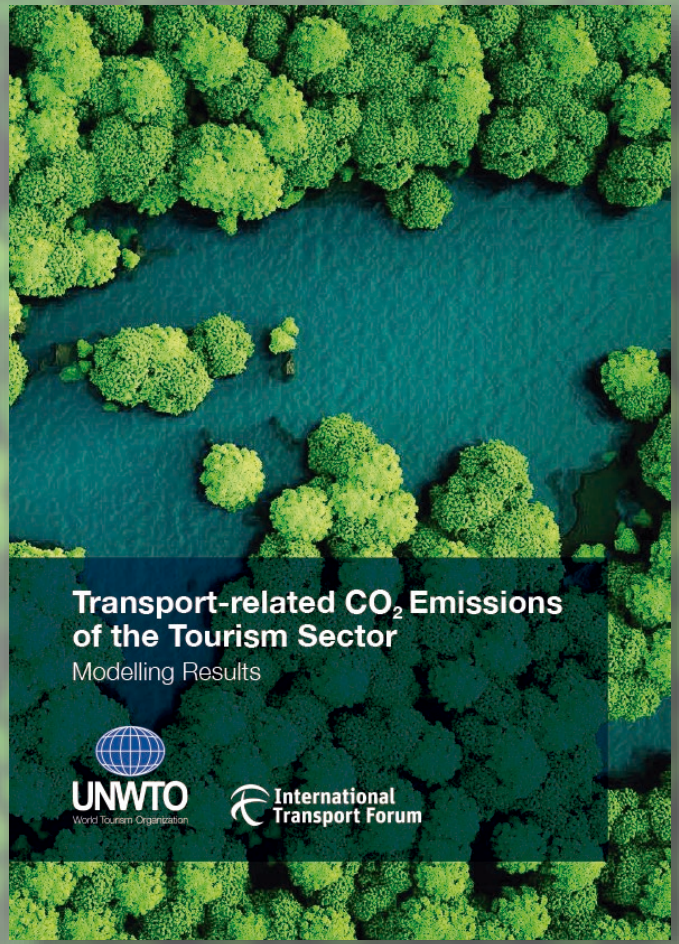


UN Tourism

UNITED NATIONS
WORLD TOURISM ORGANIZATION

International Transport Forum

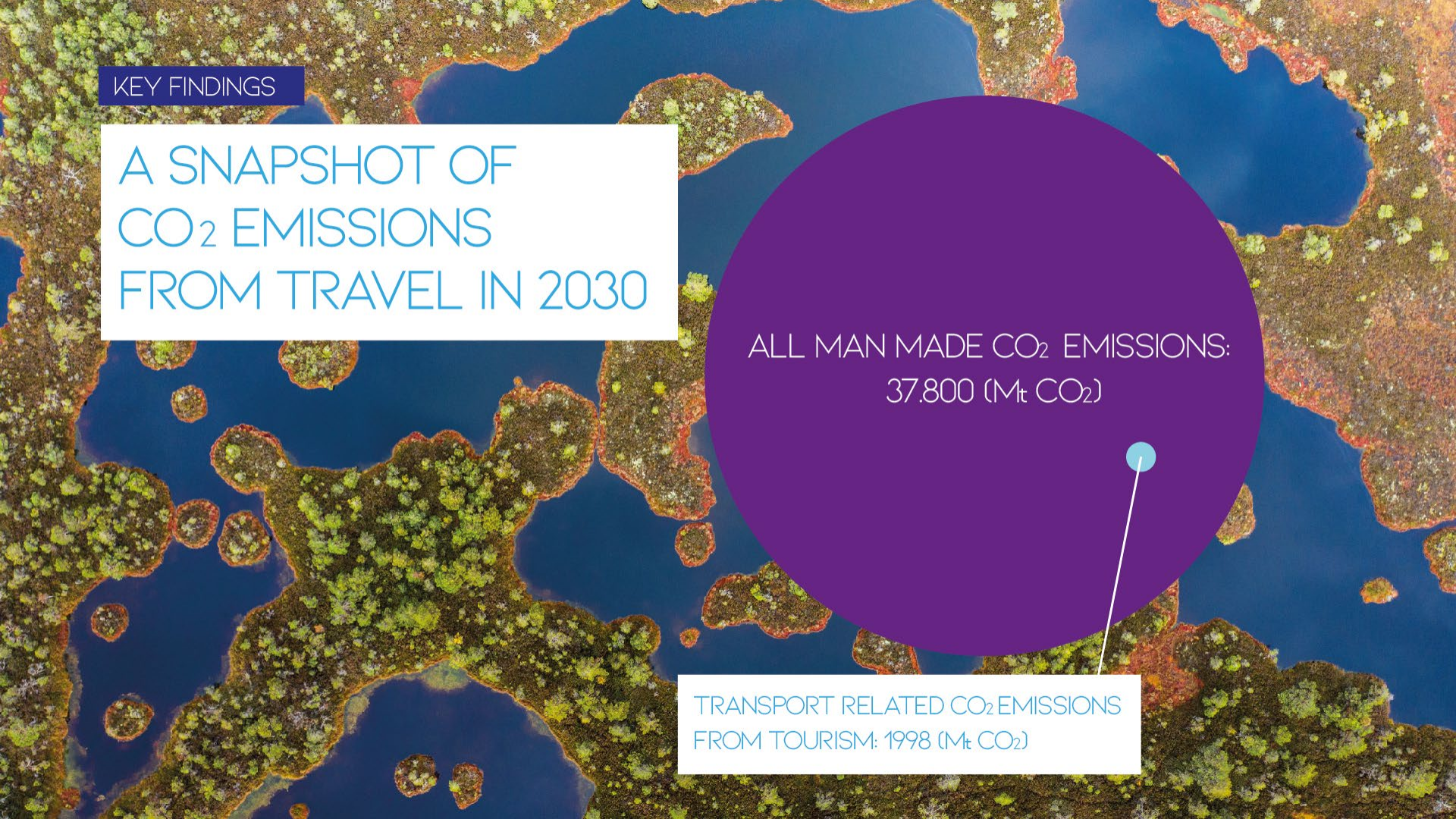
Transport Related CO_2 Emissions of the Tourism Sector



Transport-related CO_2 Emissions of the Tourism Sector

KEY FINDINGS

A SNAPSHOT OF CO_2 EMISSIONS FROM TRAVEL IN 2030



KEY FINDINGS

EVOLUTION OF DOMESTIC AND INTERNATIONAL TOURIST ARRIVALS

2016

TOTAL TRIPS: 20 BILLION

18.8 BN DOMESTIC TOURIST ARRIVALS AND SAME DAY

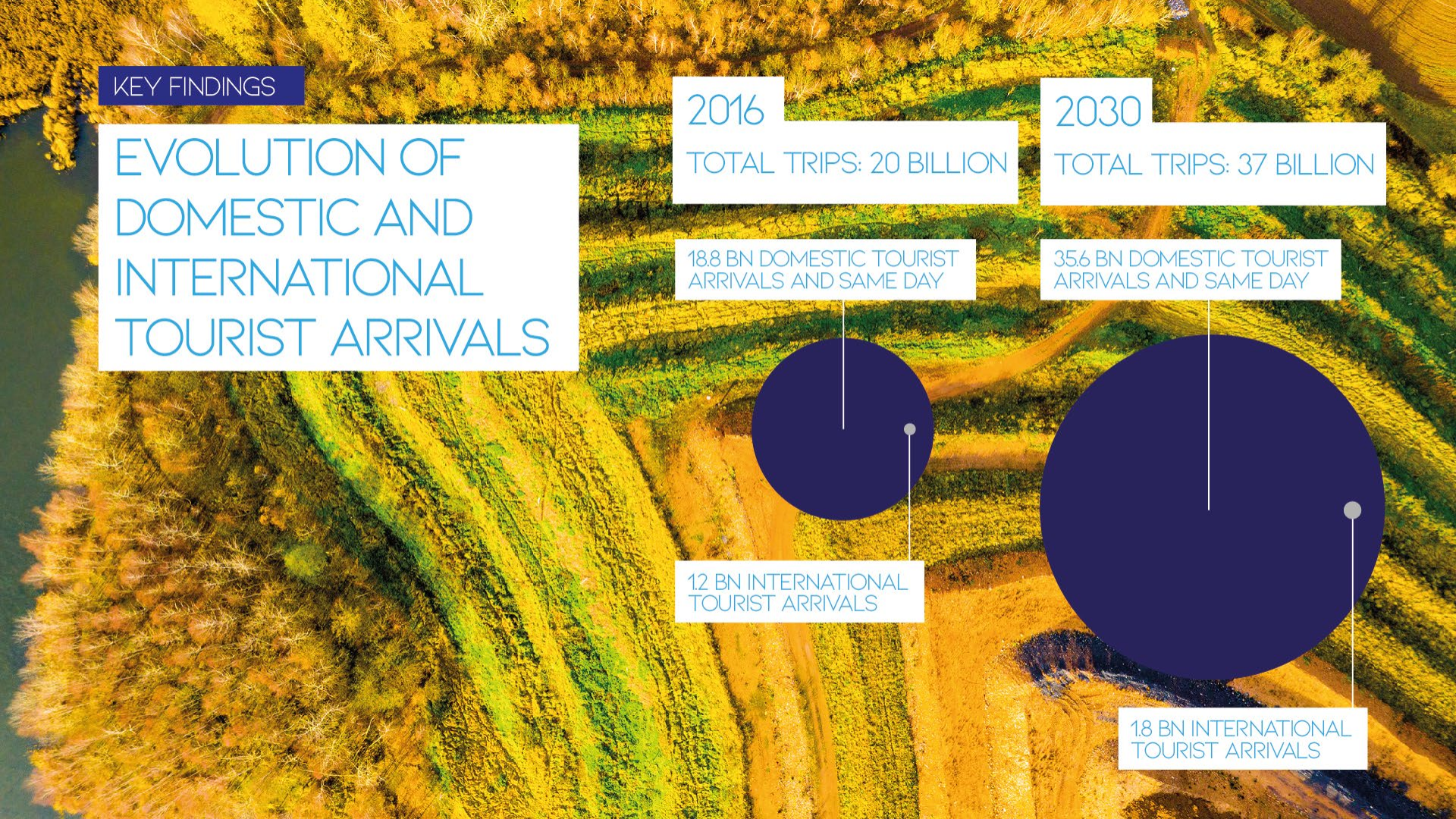
1.2 BN INTERNATIONAL TOURIST ARRIVALS

2030

TOTAL TRIPS: 37 BILLION

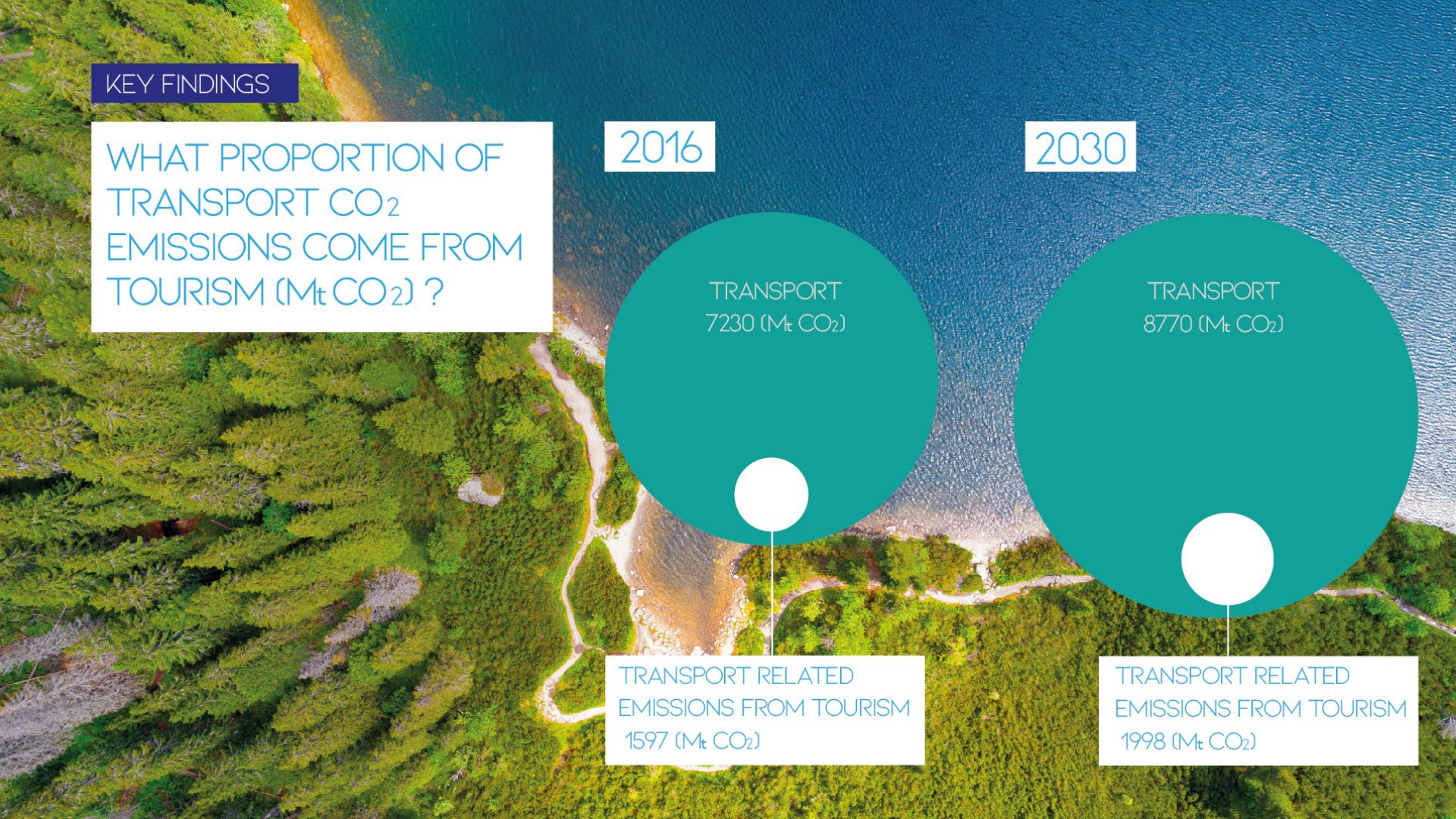
35.6 BN DOMESTIC TOURIST ARRIVALS AND SAME DAY

1.8 BN INTERNATIONAL TOURIST ARRIVALS

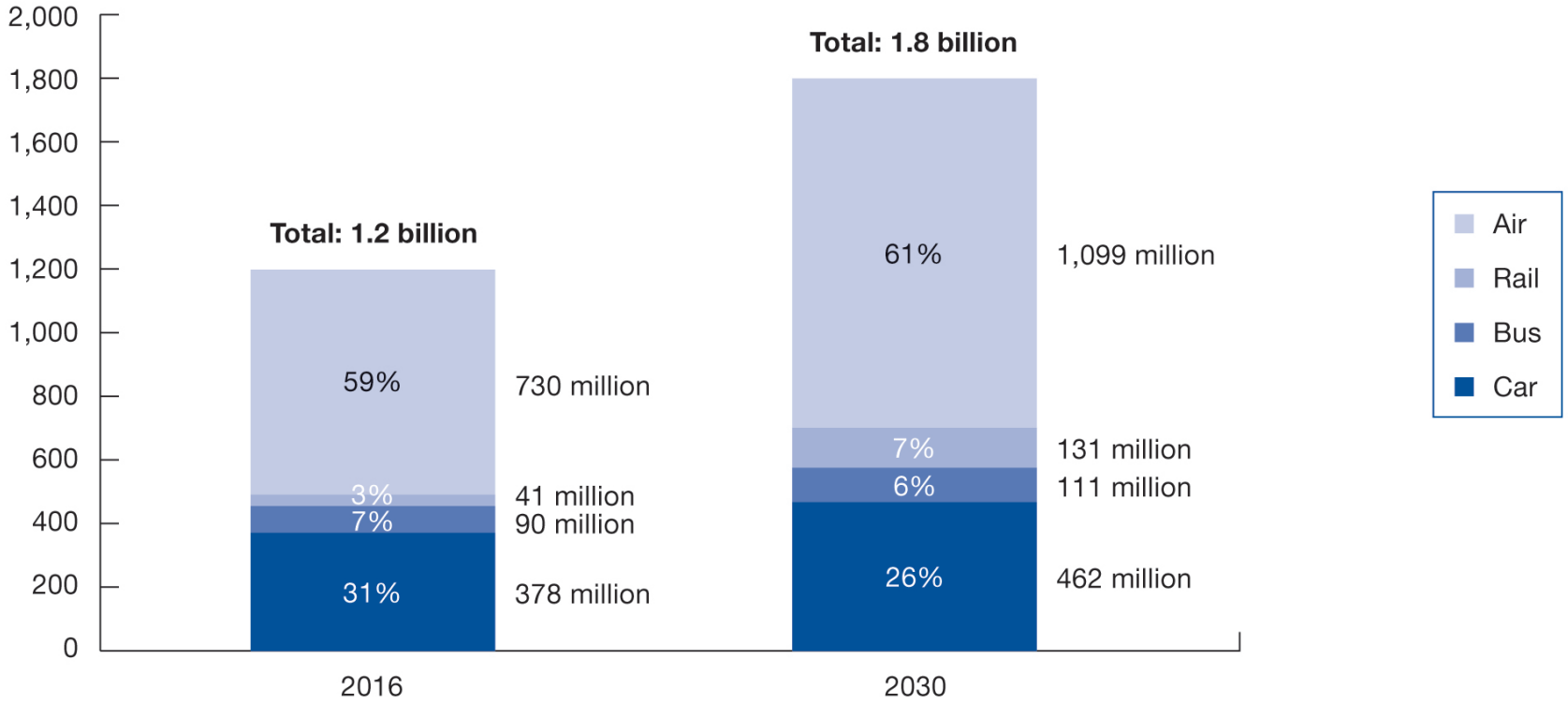


KEY FINDINGS

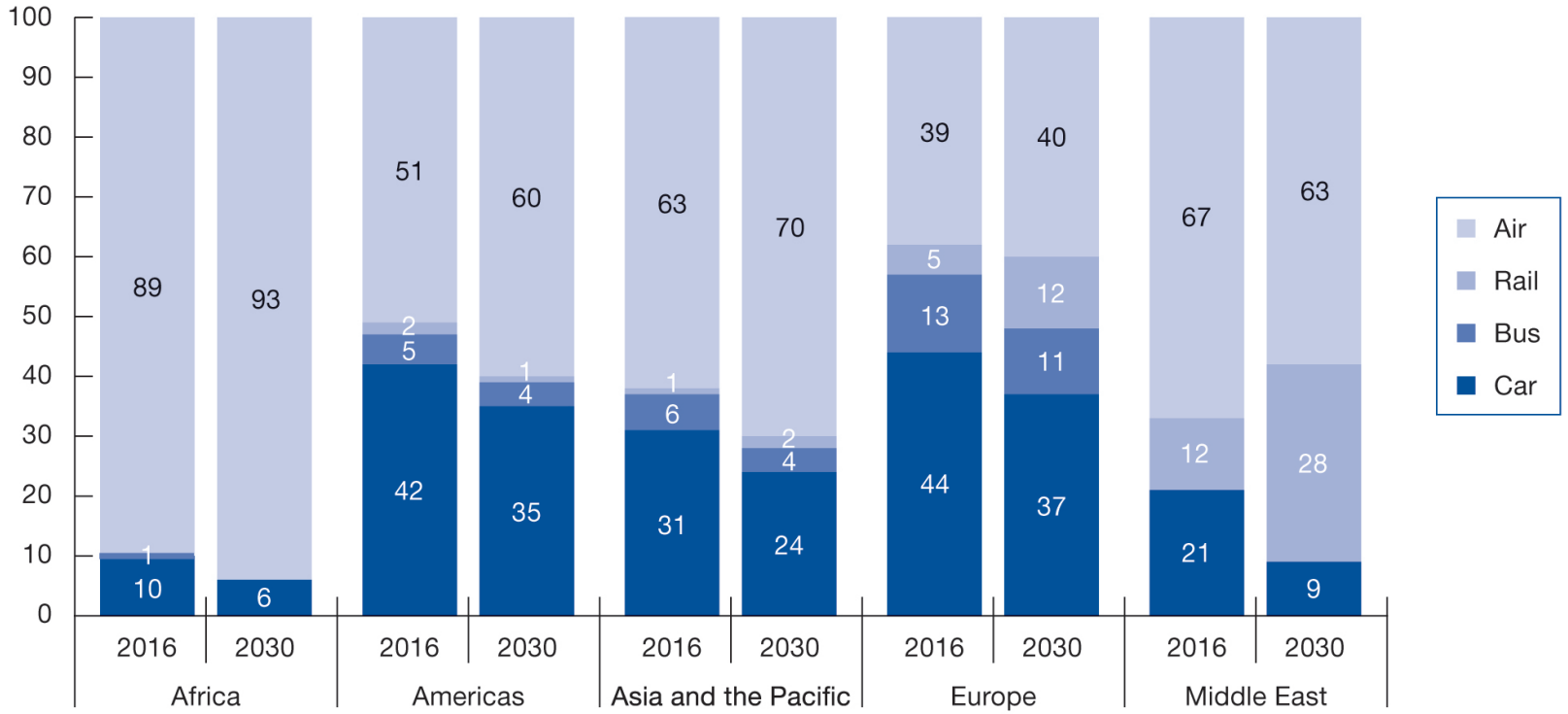
WHAT PROPORTION OF TRANSPORT CO_2 EMISSIONS COME FROM TOURISM ($Mt\ CO_2$) ?



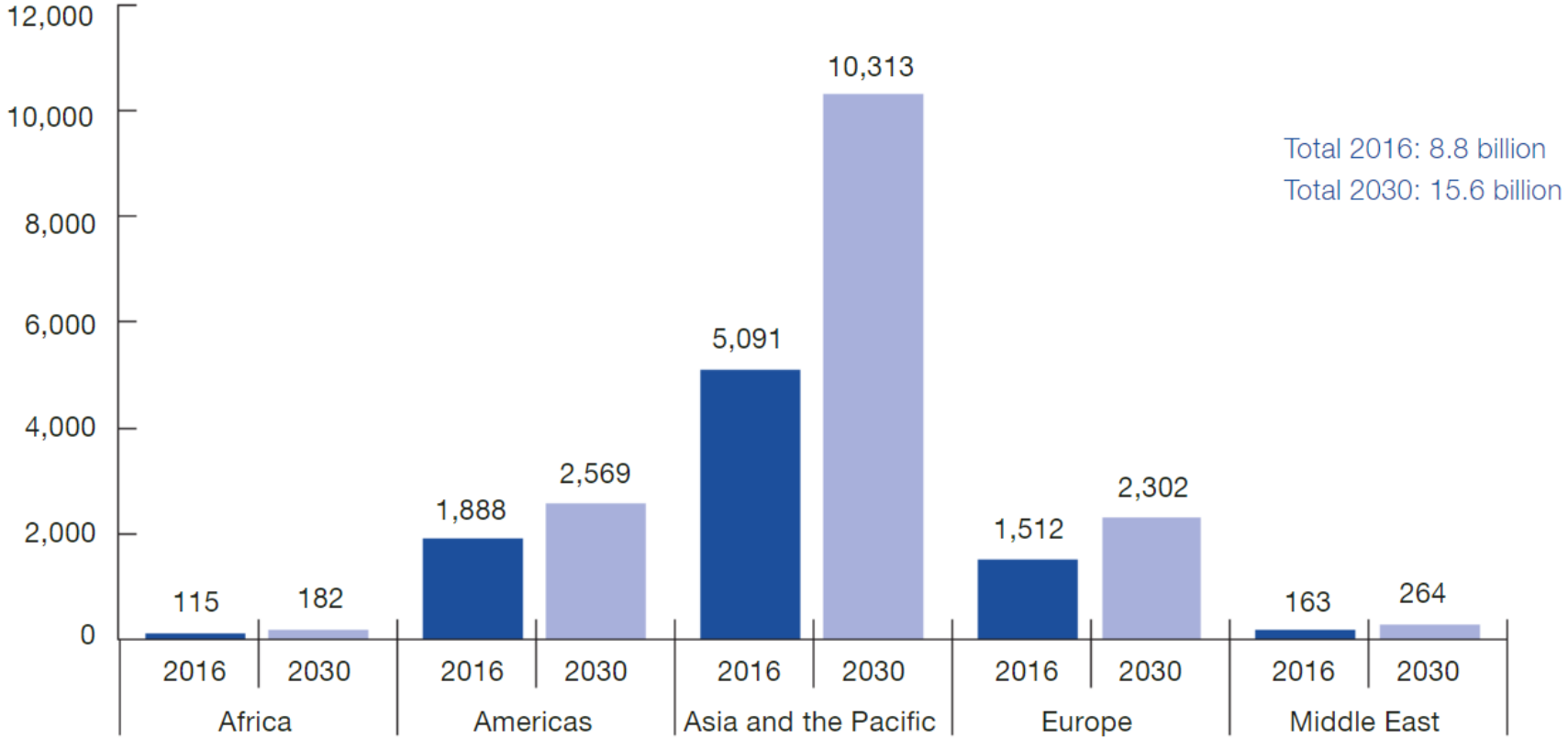
International tourist arrivals by mode of transport



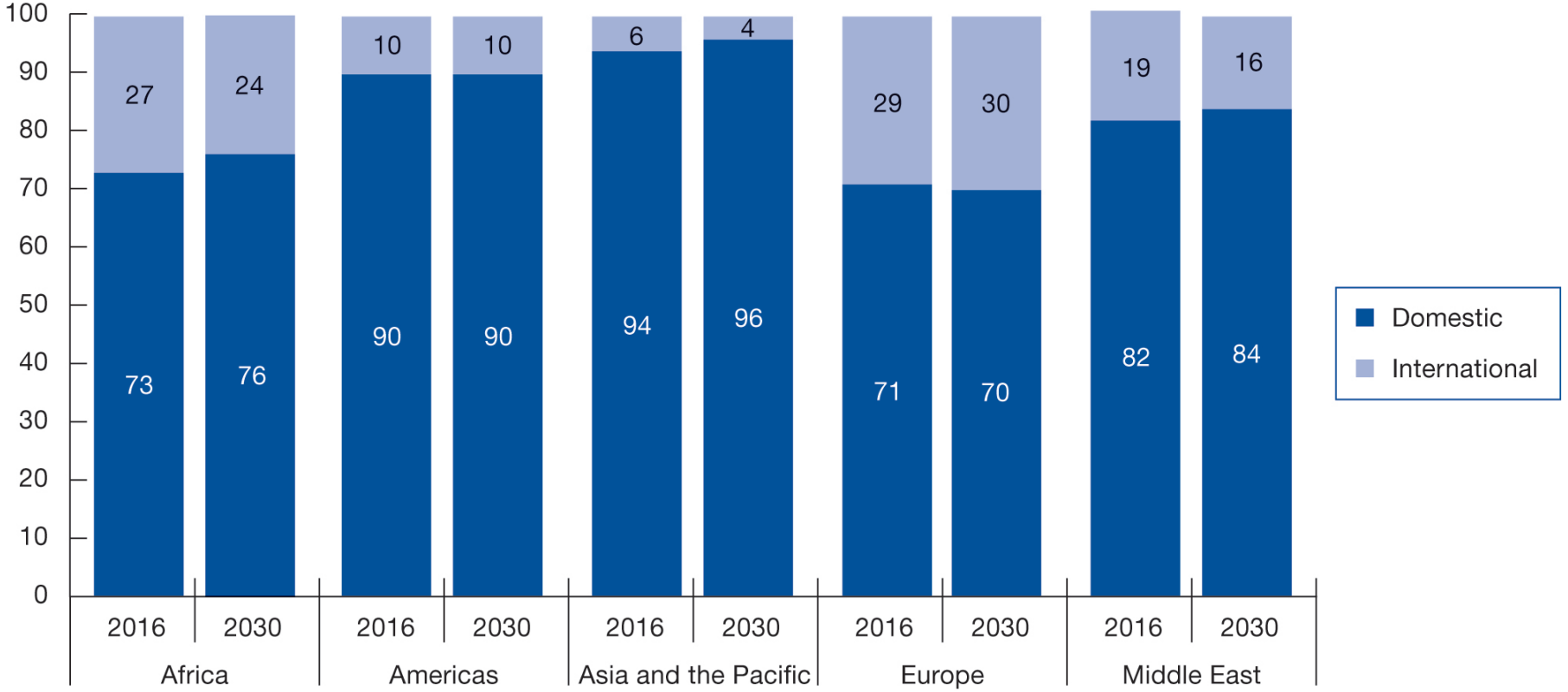
Intra-regional international tourist arrivals by mode of transport (%)



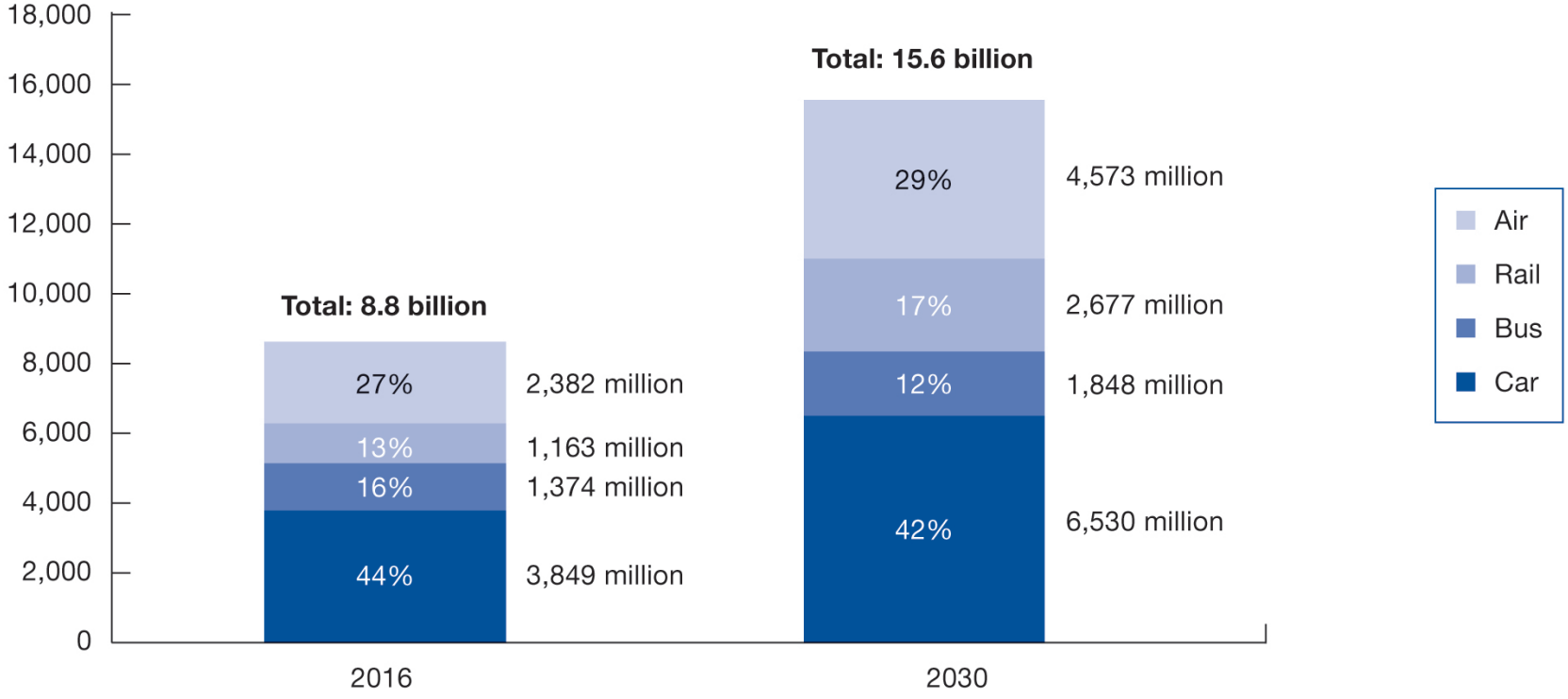
Domestic tourist arrivals by region



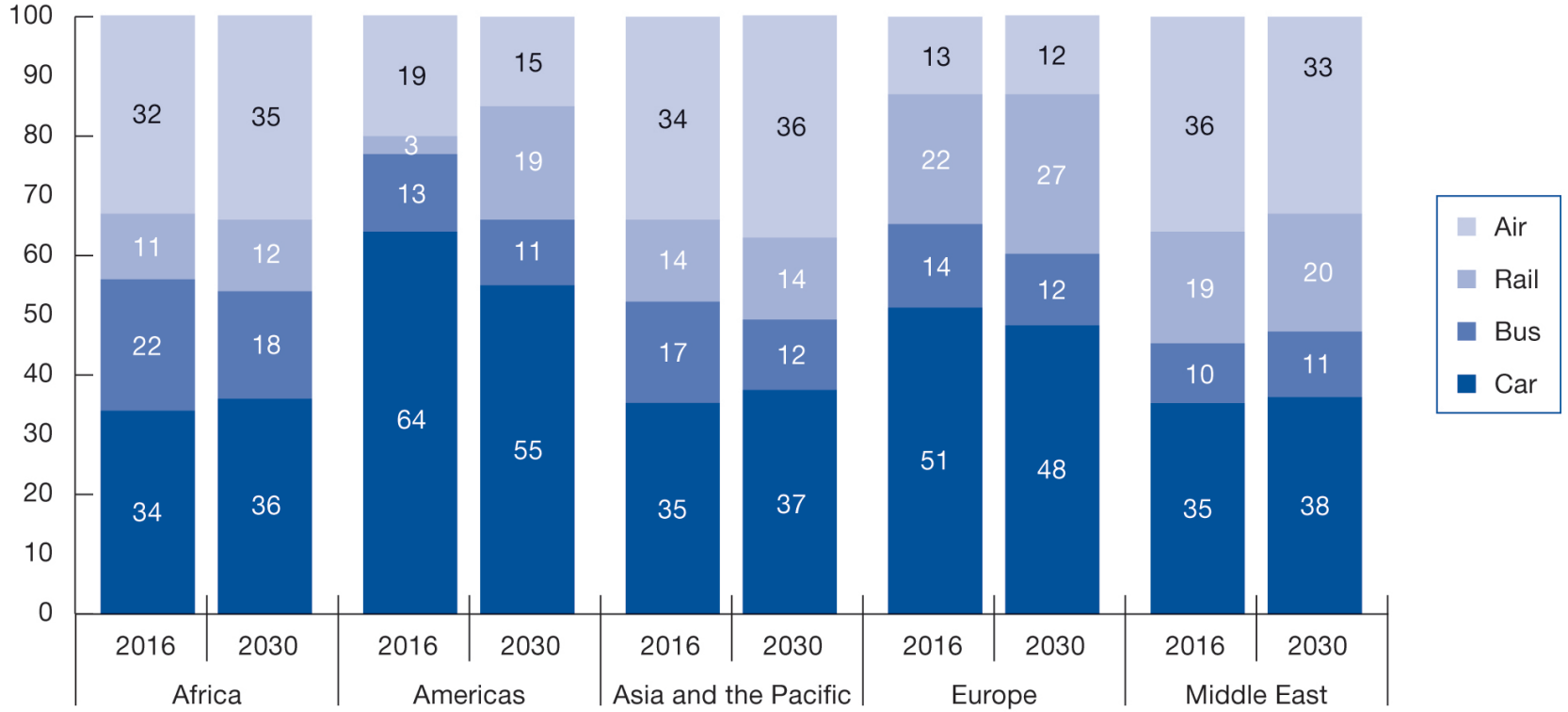
Domestic and international arrival shares (%)



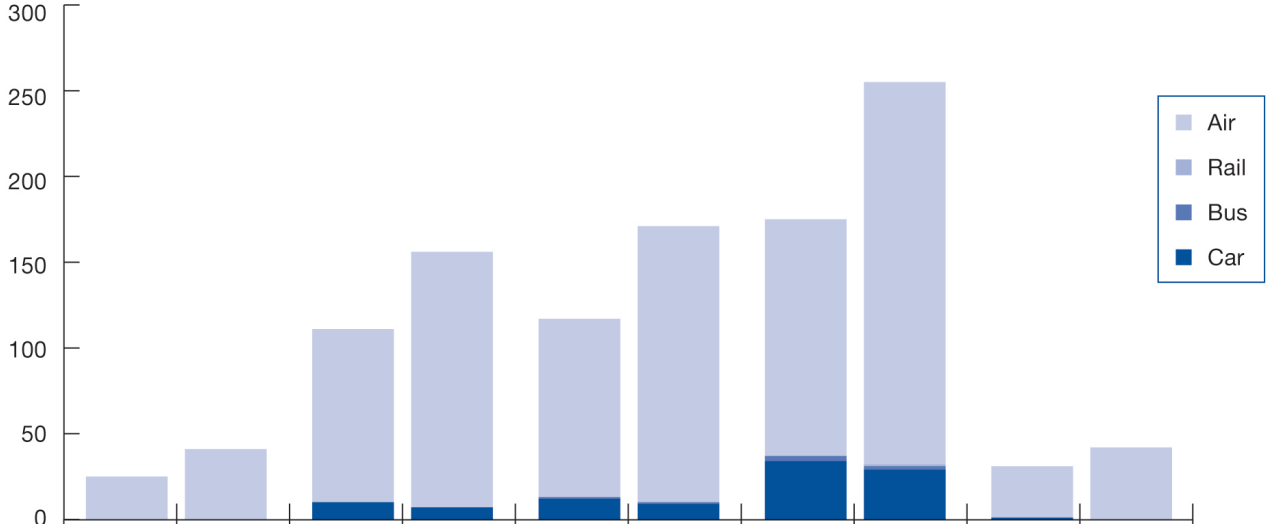
Domestic tourist arrivals by mode of transport



Domestic tourist arrivals by region and mode of transport (%)

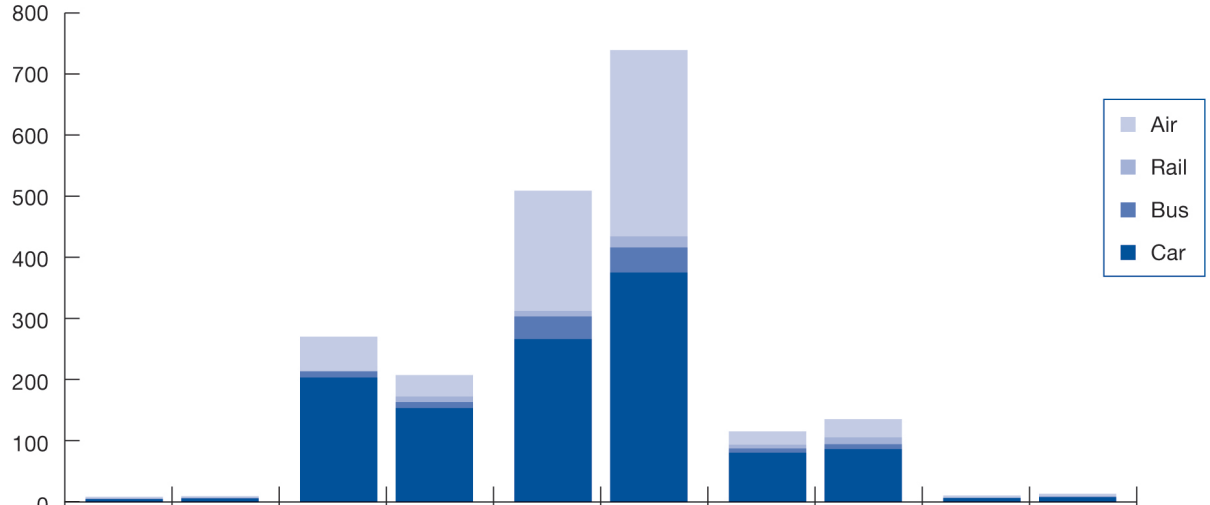


Emissions from international tourism by mode of transport by region (in Mt of CO_2)



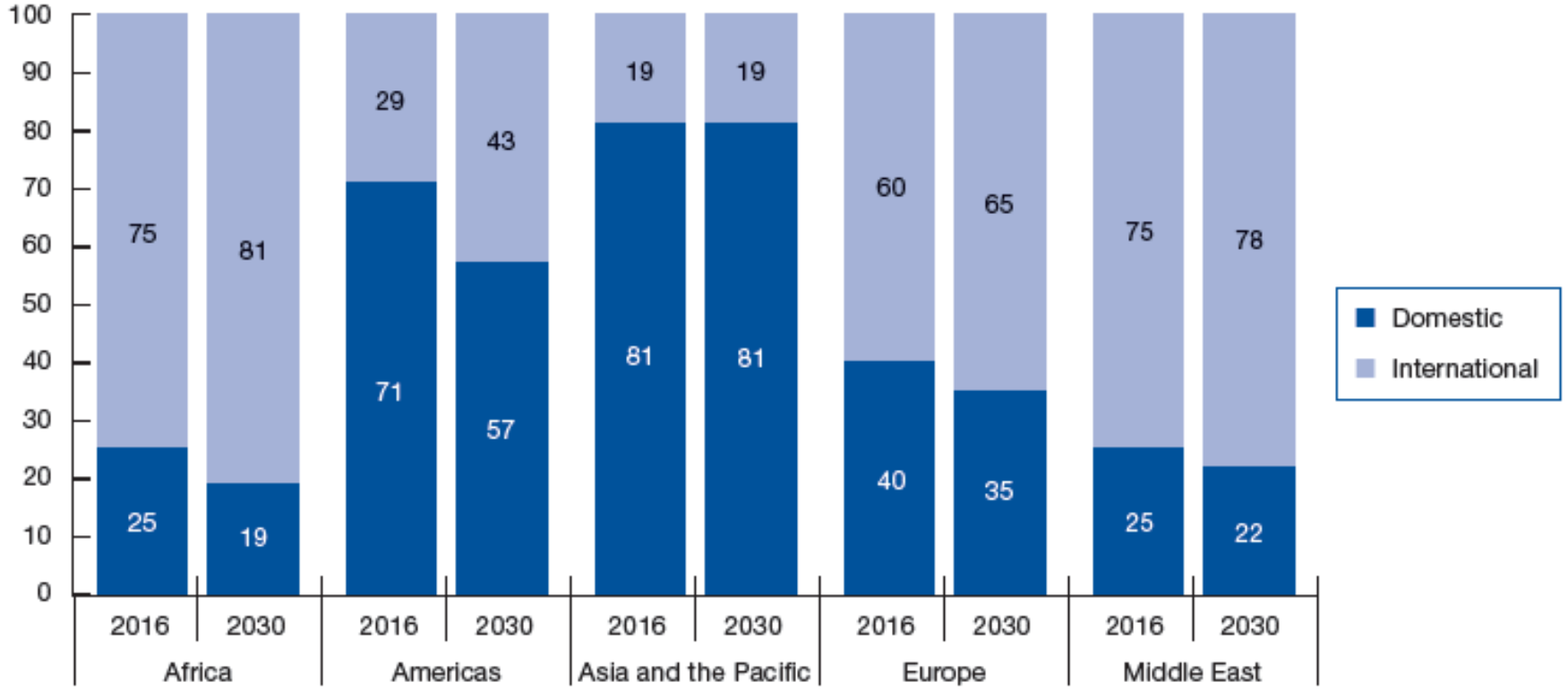
	2016	2030	2016	2030	2016	2030	2016	2030	2016	2030
	Africa		Americas		Asia and the Pacific		Europe		Middle East	
Air	25	41	101	149	104	161	138	223	30	42
Rail	0	0	0	0	0	0	0	1	0	0
Bus	0	0	0	0	1	1	3	2	0	0
Car	0	0	10	7	12	9	34	29	1	0

Emissions from domestic tourism by mode of transport by region (in Mt of CO_2)



	2016	2030	2016	2030	2016	2030	2016	2030	2016	2030
	Africa		Americas		Asia and the Pacific		Europe		Middle East	
Air	3	3	56	35	197	305	22	30	4	4
Rail	0	0	1	9	9	18	6	11	0	1
Bus	1	1	10	10	37	41	7	8	0	1
Car	4	5	203	153	266	375	80	86	6	7

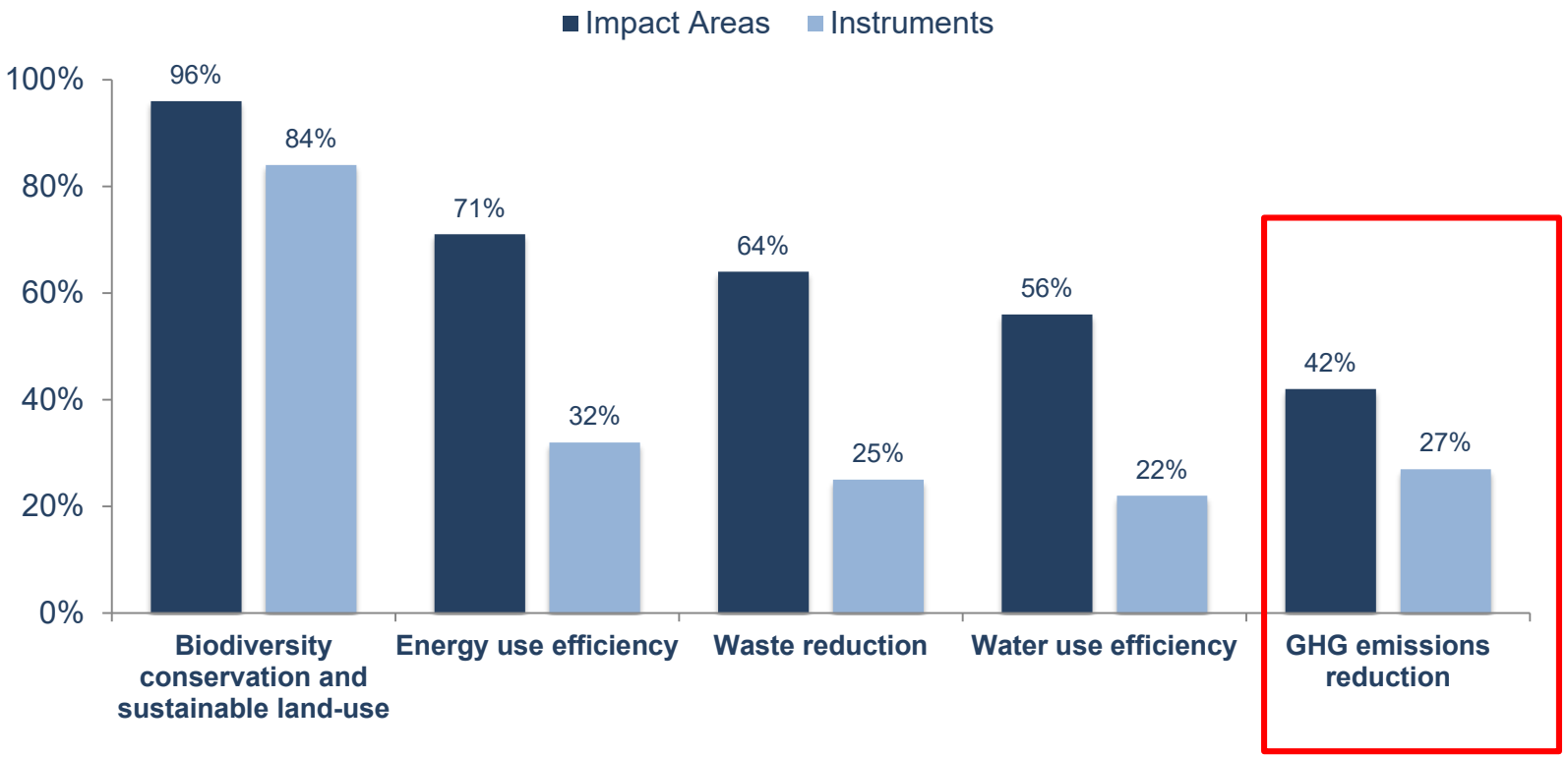
Domestic and international transport-related emission shares (%)



Transport Related CO_2 Emissions of the Tourism Sector

	2005	2016	2030
International Tourist Arrivals (millions)	750	1240	1803
Total Trips (including domestic and same-day) (millions)	9750	20009	37433
Total Tourism Transport CO_2 Emissions (Mt)	982	1597	1998
Total manmade CO_2 Emissions (Mt)	26400	32100	37800
Share Tourism Transport of CO_2 manmade CO_2 Emissions (Mt)	3,7%	5%	5,3%

GHG emissions in national tourism policies





Thank you

Dr. Dirk Glaesser
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Sustainable and Resilient Development of Tourism
World Tourism Organization (UNWTO)

