





Expectations

Racing: Gas mileage: 15l / 100 km, using conventional gasoline

Expectations

Teams' - Tour: One team consists of 12 persons who will travel from Belgium to Switzerland by bus. After the race, the

following stop and final destination is in the Netherlands.

Gasoline consumption bus ~ 301 / 100km

Guests' Tour: 30000 spectators will view the event over the entire weekend

25,000 spectators will view both days of the event 5000 spectators will view one day, separately

90% travel by car

10% travel by public transport

50% travel from Switzerland (of which 40% travel by public transport)

40% travel from Germany and Austria (20% each)

10% travel from the rest of Europe

Expected itinerary:

average travel distance from Switzerland: 80 km average travel distance from Germany*: 550 km Average travel distance from Austria*: 500 km * from the middle of the country to Frauenfeld Rest of the average travel distance: 1000 km

Spectators who travel by public transport will commute (no overnight stays)

The emissions caused by spectators arriving by car are being calculated assuming that they drive a car with a gasoline engine with a consumption

of 71/100 km in each vehicle

2.5 guests per vehicle

Catering: On both days, each spectator of the event will be offered 2 meals. 80% of these meals include meat and 20% are genuinely vegetarian

beverages: each guest receives two 0.5 l of PET drinks

1 liter of beverage corresponds to a CO₂ emission of 0.5 kg CO₂ equivalents on average

Accumulated waste per visitor each day: 0.75 kg

CO₂ emissions for the disposal of 1 kg waste: 1.5 kg of CO₂ equivalents

Overnight Stays: Overnight stay in a 4 star -hotel plus breakfast results in a CO₂-equivalent emission of 20 kg





MXGP Racing

Total distance:

1 lap is 1560 m	1.56 km	
	Driven Laps	Distance
Free practice	307	478.92 km
Time training	353	550.68 km
Qualification	457	712.92 km
Warm-Up	294	458.64 km
Race 1	629	981.24 km
Race 2	631	984.36 km
Total	2671	4166.8 km

Anticipated gas mileage under race conditions:

15 1 / 100 km

Emissions:

	Gasoline consumption [l]		
Free practice	71.84	181.03 kg CO2-eq	
Time training	82.60	208.16 kg CO2-eq	
Qualification	106.94	269.48 kg CO2-eq	
Warm-Up	68.80	173.37 kg CO2-eq	
Race 1	147.19	370.91 kg CO2-eq	
Race 2	147.65	372.09 kg CO2-eq	

Total 625.01 1575.04 kg CO2-eq





MXGP Team-Tour

18 Teams à 12 persons~ 216 persons altogether

Tour by bus (~30 I / 100 km)

Distance: Emissions:

Lommel - Gachnang: 675 km Distance [km] Emissions [kg CO₂-eq]

Gachnang - Assen 850 km **Teams 27450 69174**

Total: 1525 km

Combined (all teams altogether) 27450 km Gas mileage buses: 8235 I





Tour Guests

30000 Spectators

Anticipated Route:

Switzerland: average arrival (distance): 80 km Germany: average arrival (distance):* 500 km Austria: average arrival (distance):*

*from the middle of the country to Frauenfeld

Rest of Europe: average arrival (distance): 1000 km

Number of Spectators		Distance:	Gas Mileage:	Emissions:	
Switzerland:	15'000		Rate of Consumption: 7 I/ 100 km	1I gasoline equals to:	2.52 kg CO ₂ -eq / l
Germany:	6000				
Rest of Europe:	3000				
With Car:		With Car (round trip):	With Car:	With Car:	
Switzerland:	9000	576000 km	40320	101606.4 kg CO ₂ -eq	
Austria:	6000	2400000 km	168000 l	423360 kg CO ₂ -eq	
Germany:	6000	2400000 km	168000 l	423360 kg CO ₂ -eq	
Rest of Europe:	3000	2400000 km	168000 l	423360 kg CO ₂ -eq	
		7776000 km	544320 I	1371686.4 kg CO ₂ -eq	
By Public Transport:					
Switzerland:	6000	1920000 km		8409 kg CO ₂ -eq	

Total: 1380095 kg CO₂-eq

equals 35 kg CO₂-eq / person





Overnight Stays

100% of the foreign and 60% of the Swiss guests stay at a 4-star hotel including breakfast

This equals 32000 overnight stays

Emissionen:

Total: 640000 kg CO₂-eq

equals: 16 kg CO₂-eq / persons





Catering:

Food

Amount Meals: Emissions:

160000

128000 with meat 218880 kg CO_2 -eq 32000 without meat 37120 kg CO_2 -eq

total: 256000 kgCO₂-eq

6.4 kg CO₂-eq / person

Beverages:

Amount Beverages: Emissions:

160000 PET-production 6160 kg CO₂-eq

Beverage Prod.- 40000 kgCO₂-eq

Total: 46160 kg CO₂-eq

Equals 1.154 kg CO₂-eq / person

Food and Beverages combined: Emissions

302160 kgCO₂-eq

7.554 kg CO₂-eq / person

Amount:

Accumulated Waste Emissions:

60000 kg total: 90000 kgCO₂-eq

equals 2.25 kg CO₂-eq / Person

Flyers: Amount:

5000

Emission:

100 kg CO₂-eq

Posters:

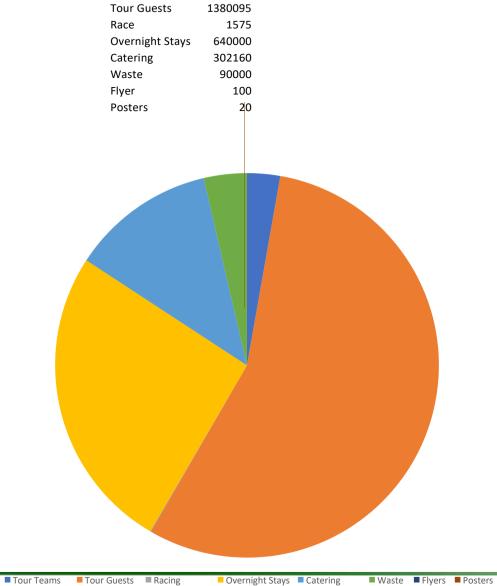
Amount: 20 kg CO₂-eq

Tour Teams





Category of Emissions		Emissions [kg CO ₂ -eqEmission [%]	
Tour Teams		69174	2.79
Tour Guests		1380095	55.58
	-Car	1371686	
	-Public Transport	8409	
Race		1575	0.06
Overnight St	ays	640000	25.77
Catering		302160	12.17
Waste		90000	3.62
Flyers		100	0.00
Posters		20	0.00
Total		2483124	100.00



69174