

ITM Dept of learning in engineering sciences

2019 FLIGHT Fact Sheet

	Short-haul ¹	Medium-haul ²	Long-haul ³	Total
Number of trips ⁴	72	86	36	194
% of trips	37.1%	44.3%	18.6%	100%
% of CO2 emissions	8.4%	30.4%	61.1%	100%
CO2 emissions (kg)	5802	20944	42045	68791

92 employees (2019 HR data): 39 flyers and 52 non-flyers (42% are flyers)
Average # trips/employee: 2.1
Average # trips/flyer: 5.0

KTH goal for CO2 emission reductions (2020-2030, whole period): - 60%
KTH goal for CO2 emission reductions (2020-2030, cumulative, each year): - 9%

	MOG	MOD	MOE	MOB
Number of trips	8	28	41	117
% of trips	4.1%	14.4%	21.1%	60.3%
% of CO2 emissions	2.4%	17.3%	13.7%	66.6%
CO2 emissions (kg)	1632	11921	9399	45839

House of science (MOG)	(employees 22, seniors 14, juniors 8)
Unit of digital learning (MOD)	(employees 22, seniors 15, juniors 7)
Unit of language and communication (MOE)	(employees 21, seniors 19, juniors 2)
Learning in STEM (MOB)	(employees 27, seniors 24, juniors 3)
Dept of learning in engineering sciences	(employees 92, seniors 72, juniors 20)

CO2/employee at Dept of learning in engineering sciences	748 kg CO2/year
CO2/researcher at KTH (per employee, 2589 persons)	1726 kg CO2/year

¹ A short-haul trip is typically a trip within Sweden or to a neighboring Scandinavian country.

² A medium-haul trip is typically a trip from Sweden to a destination on the European continent.

³ A long-haul trip is an intercontinental trip.

⁴ A trip from Stockholm to a destination with a stop-over to change plane is equivalent to **one** trip and a round-trip is equivalent to **two** trips.



ITM Dept of learning in engineering sciences: CO2 CONVERSION (based on 2019 data)

CO2 (comparative, Scandinavia as base)	1	3.0	14.4
Average CO2 (kg)	81	244	1168