



Purchase of environmentally friendly vehicles

Republic of Slovenia, Ministry of Public Administration

- 133 vehicles for public authorities
- 5 % - 59 % reductions of CO₂ and energy savings (different for each lot)



Benchmark

- 3,372 t CO₂e emissions
- 1,050 toe (energy)

GPP 2020 tender

- 2,645 t CO₂e emissions
- 794 toe (energy)

Results

- 728 CO₂e savings
- 255 toe energy savings

Contract tendered

- Tender for vehicles by the Slovenian Ministry of Public Administration for 27 public authorities.
- The 27 Contracting authorities are ministries, constituent bodies of the Government, Government offices and administrative units.
- 133 vehicles in 12 lots purchased to renew their car fleet.
- Ministry received between one and four bids in each lot.
- One-time purchase contract.
- Total cost: 1,902,755 € (including VAT).

Procurement approach

Type of procurement procedure: Open procedure. After the completion of an open procedure, the ministry performed a negotiated procedure with prior publication for four lots and for two lots negotiated procedures without prior publication.

Subject matter: Purchase of environmentally less burdensome vehicles in 12 lots:

Lot	Number of vehicles
Lot 1: Lower class vehicle	30
Lot 2: Lower middle class vehicle	50
Lot 3: Middle class vehicle	13
Lot 4: Lower middle class Station wagon vehicle	26
Lot 5: Middle class Van	3
Lot 6: Limousine	2
Lot 7: 4-Wheel drive vehicle	1
Lot 8: 4-Wheel drive (permanent) vehicle	2
Lot 9: Passengers and cargo transport vehicle	2
Lot 11: Cargo transport vehicle (Furgon)	1
Lot 12: Hybrid vehicle	2
Lot 13 – Higher class Van	1

Specification for all lots: Emission standard: EURO 5, maximum CO₂ emissions between 110 to 200 g/km (different for each lot, depending on the situation on the market)

Award criteria for all lots: LCC (92 points), Emission standard EURO 6 (2 points), Warranty period (2 points), Gear shift indicator (2 points), Delivery time (2 points)



Contract clauses

The supplier must ensure that:

- in the event that the supply of the vehicle is between March and November 15th, the tires on the vehicle are summer tires, which are classified at least in class C with respect to fuel efficiency and class C with respect to wet grip,
- in the event that the supply of the vehicle is between November 15th and March 15th, the tires on the vehicle are winter tires, which are classified at least in class D, with respect to fuel efficiency and class E with respect to wet grip.



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Criteria development

This tender follows requirements included in the Decree on Green Public Procurement (Official Gazette of the Republic of Slovenia, No. 102/2011 and changes).

Results

Energy savings and CO₂e emission reductions were calculated based on GPP 2020 methodology. The results are as follows.

	CO ₂ emissions (t CO ₂ /lifetime)	Energy consumption (toe/lifetime)
(Low Carbon Solution)	2,645	794
(2010 Tender - benchmark)	3,372	1,050
Savings	728 t CO ₂ e/lifetime	255 toe/lifetime

Calculation basis

In regards to lifetime, 200,000 km is taken into account.

The Benchmark is the last tender from the year 2010.

LOT	Benchmark tender		GPP 2020 tender	
	CO ₂ emissions	Energy consumption	CO ₂ emissions	Energy consumption
Lot 1: Lower class vehicle	744	232	786	216
Lot 2: Lower middle class vehicle	1 212	387	992	310
Lot 3: Middle class vehicle	315	98	258	80
Lot 4: Lower middle class Station wagon vehicle	630	197	258	80
Lot 5: Middle class Van	94	29	71	22
Lot 6: Limousine	84	23	50	15
Lot 7: 4-Wheel drive vehicle	33	10	26	8
Lot 8: 4-Wheel drive (permanent) vehicle	62	19	58	18
Lot 9: Passengers and cargo transport vehicle	58	18	45	14
Lot 11: Cargo transport vehicle (Furgon)	41	13	36	11
Lot 12: Hybrid vehicle	59	19	43	12
Lot 13 – Higher class Van	40	12	23	7

Lessons learned

Taking into account disclosure of the data related to real consumption and emission of CO₂ in European car industry not only award criteria related to emissions are questionable, but also calculation of reduction of CO₂ emissions and energy consumptions. In connection to stated, another question arises: did we really purchase the best for the money paid?

Contact

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Tender accessible at: <http://www.djn.mju.gov.si/javna-narocila/arhiv-javnih-narocil>

About GPP 2020



GPP 2020 aims to mainstream low-carbon procurement across Europe in support of the EU's goals to achieve a 20% reduction in greenhouse gas emissions, a 20% increase in the share of renewable energy and a 20% increase in energy efficiency by 2020.

To this end, GPP 2020 will implement more than 100 low-carbon tenders, which will directly result in substantial CO₂ savings. Moreover, GPP 2020 is running a capacity building programme that includes trainings and exchange. – www.gpp2020.eu

About PRIMES



Across six countries in Europe; Denmark, Sweden, Latvia, Croatia, France and Italy, PRIMES project seeks to help municipalities overcome barriers in GPP processes, many of which lack capacity and knowledge.

PRIMES aims to develop basic skills and provide hands-on support for public purchasing organisations in order to overcome barriers and implement Green Public Purchasing. This will consequently result in energy savings and CO₂ reductions. – www.primes-eu.net



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