



## Purchase of environmentally friendly vehicles

### Republic of Slovenia, Ministry of Public Administration

- 133 vehicles for public authorities
- 5 % - 59 % reductions of CO<sub>2</sub> and energy savings (different for each lot)



#### Benchmark

- 3,372 t CO<sub>2</sub>e emissions
- 1,050 toe (energy)

#### GPP 2020 tender

- 2,645 t CO<sub>2</sub>e emissions
- 794 toe (energy)

#### Results

- 728 CO<sub>2</sub>e 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 for four lots, the ministry performed a negotiated procedure with prior publication for six lots and for two lots a 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 CO<sub>2</sub> 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 15<sup>th</sup>, 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 15<sup>th</sup> and March 15<sup>th</sup>, 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 CO<sub>2</sub>e emission reductions were calculated based on GPP 2020 methodology. The results are as follows.

	CO <sub>2</sub> emissions (t CO <sub>2</sub> /lifetime)	Energy consumption (toe/lifetime)
(Low Carbon Solution)	2,645	794
(2010 Tender - benchmark)	3,372	1,050
Savings	728 t CO <sub>2</sub> 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 <sub>2</sub> emissions	Energy consumption	CO <sub>2</sub> 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 CO<sub>2</sub> in European car industry not only award criteria related to emissions are questionable, but also calculation of reduction of CO<sub>2</sub> emissions and energy consumptions. In connection to stated, another question arises: did we really purchase the best for the money paid?

## Contact

Ministry of Public Administration

Matjaž Uhan, [matjaz.uhan@gov.si](mailto:matjaz.uhan@gov.si)

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 CO<sub>2</sub> savings. Moreover, GPP 2020 is running a capacity building programme that includes trainings and exchange. – [www.gpp2020.eu](http://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 CO<sub>2</sub> reductions. – [www.primes-eu.net](http://www.primes-eu.net)



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