Concept of safe and ecological urban family transport for Latvia

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**Latvia**

- Next to the Baltic Sea;
- Area – 64,589 km²;
- Sandy beaches;
- Forests – 45%;
- Population – 2 008 700.

*Riga - European Capital of Culture in 2014.*
Jelgava

Territory – 60.1 km²;

Experienced in auto construction, wood processing, machine building, food processing;

Population – 63 534;

Also called – Capital of students!
University

Faculties: Agriculture, Veterinary Medicine, Mechanical Engineering, Food Technology, Rural Engineering, Forestry, Information Technologies, Economics and Social Sciences.
Faculty of Engineering

There are 5 different institutes: Institute of Education and Home Economics, Institute of Agricultural Energetics, Institute of Agriculture Machinery, Institute of Mechanics, Institute of Motor Vehicles.
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Brief history of car production in Latvia

Russo-Balt cars (produced in Latvia from year 1909 to 1915)
What could be a concept of a national urban family vehicle nowadays?

RAF LATVIJA vehicles (produced in Latvia from year 1954 to 1998)

Model: RAF Latvija 977

Model: RAF Latvija 2203

Source: BalticTravelnews.com
Main criteria for latvians when choosing a family car...

We prefer...

- Affordable;
- Economic;
- Cheap in exploitation;
- Safe;
- Spacious;
- Ecologic?!
Our concept...

- Body type - Minivan;
- Spacious, with 7 seats;
- Wide opening doors;
- Convertible interior;
- Aluminium alloy frame and body panels.
Drivetrain and specifications

- 1.8 litre turbodiesel (140hp);
- 60 kilowatt electric motor;
- 0-100 km/h - 9sec.;
- Max. Speed - 200km/h.

Biodiesel-electric hybrid system and regenerative braking!
Aerodynamics, efficiency

Aerodynamic body, mirrors and wheels. LED lights, class A tyres.
Safety

- Dynamic stability control;
- Adaptive cruise control;
- Autonomous emergency braking;
- Lane departure warning system.
Thank you for your attention!