



METROPOLIA MOTORSPORT

Formula Engineering

 [metropoliamotorsport](https://www.instagram.com/metropoliamotorsport/)

 Metropolia Motorsport
formula engineering

 motorsport@metropolia.fi

 +358 40 3345 403

 <https://www.metropolia-motorsport.net>

Performance

- 4-wheel drive electric car
- Top speed: 120 km/h
- Weight: 226 kg
- Battery Voltage: 600V
- Maximum Power: 80 kWh

Changes for 2026

- Improved data collection
- Increased performance



Honorable Mention

Smart design - Electric future

- Metropolia Motorsport's Formula Student car is currently the **only** electric car in the same category in Finland.

Main Partner - Alumeco

- Alumeco has been the Team's main partner since 2015.

Member of honour - Mika Salo

- In 2022, the former Formula driver announced his intention to support the Team's development.

What We Do

The Formula Student (FS) gives engineering, business, design and many more students an opportunity to develop their skill set in the Motorsport industry.

It is an international engineering design competition for university students. The teams are challenged to design, manufacture and assemble a competitive formula type race car.

During the competition season, the challenge is to perform against other teams from all over the world.

Our next HPFO26 is being developed during 2025-2026.



Who We Are

The **Metropolia Motorsport Formula Engineering** team was founded in 2000.

It consists of 8 subsystems:

- Aerodynamics
- Brakes
- Chassis & Composites
- Drivetrain & Cooling
- Driverless & Simulation
- Electrics
- Electronics & Programming
- Media & Marketing
- Suspension & Steering

The project is **fully run by university students** and is supported by Metropolia UAS. Currently, the team consists of **50 members**. Metropolia Motorsport is the **only electric** team as well as the **highest performing** Formula Student team in Finland.

The **design** of the car is fully created by the team members and **80%** of the **manufacturing** work is also done by the team members themselves.

Racing

The Formula Student competitions, called Events, are held annually.

The opportunity to participate in one of the Events is gained via entry quizzes or an entry fee.

During the Events, the teams are evaluated on:

- Engineering Design
- Cost
- Business Plan Presentation
- Skid Pad
- Acceleration
- Autocross
- Efficiency
- Endurance

During the Event Season 2025, our team attended and scored:

- FSAA (Croatia)
- FS Romania

