

Warszawa, Poland

## Center of Space Technologies, Institute of Aviation

Warszawa, Poland

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ABOUT US

The Institute of Aviation is a national research and development center located in Warsaw, Poland.

The activity of the Institute of Aviation is focused on providing services in design, engineering and research in the field of aviation and aerospace technologies. The Institute of Aviation cooperates with the European Union countries and at the transatlantic level in the field of: aircraft constructions, aerospace technology, safety, aircraft engines, aerodynamics, propulsions, composites and material tests. Our strategy is based on both stimulating and achieving active participation in diverse international scientific priorities. The Institute of Aviation continues and expands its research into all aspects of the aviation sector.

The Institute of Aviation consists of five departments:

- Materials & Structures Research Center
- Center of New Technologies
- **Center of Space Technologies**
- Engineering Design Center
- Center for Composite Technologies

The mission of the Center of Space Technologies is carrying out research in the scope of space technologies for the requirements of their implementation by domestic and international companies.

The Center of Space Technologies conducts research in:

- Aircraft propulsion
- Space technologies
- Avionics
- Acquisition and data processing

AREAS OF ACTIVITY

### Market application

- Aviation
- Waterborne Transport
- Green Vehicles

### H2020 2017 Call Topics - Aviation

- MG-1.2-2017: Reducing aviation noise
- MG-1.4-2016-2017: Breakthrough innovation
- MG-1.5-2016-2017: Identification of gaps, barriers and needs in the aviation research

### H2020 2017 Call Topics - Waterborne Transport

- MG-2.1-2017: Innovations for energy efficiency and emission control in waterborne transport

### H2020 2017 Call Topics - Green Vehicles

- GV-01-2017: Optimisation of heavy duty vehicles for alternative fuels use
- GV-04-2017: Next generation electric drivetrains for fully electric vehicles, focusing on high efficiency and low cost
- GV-05-2017: Electric vehicle user-centric design for optimised energy efficiency
- GV-06-2017: Physical integration of hybrid and electric vehicle batteries at pack level aiming at increased energy density and efficiency
- GV-07-2017: Multi-level modelling and testing of electric vehicles and their components

ORGANISATION

**Center of Space Technologies, Institute of Aviation**

COUNTRY

Poland

City: Warszawa

TYPE  
Research

SIZE  
250+ people

CONTACT  
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