

**The project has been already closed.
The content below is taken from the former project website.
It is not guaranteed that all the information is still actual.**

Here you can find detailed information about the participants of the consortium:

FHR – Fraunhofer Institute for High Frequency Physics and Radar Techniques

Germany, Wachtberg



In general:

- Fraunhofer-Gesellschaft – largest organization for applied research in Europe
- Leading radar research establishment in Germany
- Total staff of 250 scientists, engineers and technicians
- FHR develops concepts, methods and systems electronic sensors

High competence for:

- Up to millimetre-wave frequencies
- Miniature SARs on board of Aircrafts and UAVs
- Experimental systems for ground based radar experiments

Fraunhofer Institute for Applied Solid-State Physics (IAF)

Germany, Freiburg



In general:

- Fraunhofer-Gesellschaft – largest organization for applied research in Europe
- Leading research and technology center for compound semiconductors and their applications in microelectronics and optoelectronics
- Total staff of 240 scientists, engineers and technicians
- IAF develops microwave and millimetre-wave monolithic integrated circuits (MMICs)

High competence for:

- III-V compound semiconductors using advanced metamorphic HEMT technology
- Epitaxial and technology services, design and prototyping

Warsaw University of Technology (WUT) - Institute of Electronic Systems (ISE)

Poland, Warsaw



In general:

- Largest academic school of technology in Poland
- Project Partner: Institute of Electronic Systems
- Staff of 85 members in ISE
- Many publications in field of radar technology

High competence for:

- Analog and digital signal processing
- Microwave technology
- Microelectronics and optoelectronics
- Information technology

Pro Patria Electronics Ltd. (PPE)

Hungary, Jászberény



In general:

- Middle-scale, privately owned Swedish-Hungarian company
- Mostly focused on defence and security
- Fields of implementation
- Border control
- Area protection against unwanted visitors

High competence for:

- Middle-range, man-portable ground surveillance FMCW radar
- Electromagnetic and electro-optical multisensor surveillance system on mobile platform
- Special microwave measuring instruments
- Signal processing (DSP, FPGA) hardware and software products

University of Cyprus (UCY) - Department of Electrical and Computer Engineering



Cyprus, Nicosia

In general:

- State funded University
- Involved in research projects funded by the government of Cyprus, the EU and industry
- Project partner: Electrical and Engineering Department
- Valuable partner for broad band telemetry data links

High competence for:

- RF subsystems
- Radiometers
- Scatterometers

Slot Consulting Ltd. (SLOT)

Hungary, Budapest



In general:

- Leading Hungarian participant in aeronautics and air transport related research projects
- Co-operating partners: AENA, Airbus, DFS, DLR, Thales and many other companies.
- SLOTS mission is to contribute to a cleaner, safer and more efficient air transport system

High competence for:

- Transport and mechanical engineers
- Aeronautical engineers
- Aviation activities
- UAV operations



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