

AVIATION VALLEY



SOUTH-EAST POLAND



CLEAN
AEROSPACE
REGION



Aviation Valley is an innovative cluster located in South-East of Poland in Podkarpackie Province. The capital of the province is 200 000 citizen city Rzeszów, ranked among 5 cleanest and safest cities in Poland. The cluster was created in 2003 and collects 90% of Polish aerospace industry.

Among more than 100 members of the cluster, there are world class companies like Pratt&Whitney, Sikorsky, Hamilton Sundstrand, Goodrich, Agusta Westland, Safran, MTU and Avio but also dozens of SMEs as well as local universities and regional government institutions. Aviation Valley employs more than 23 000 highly skilled professionals and is to create another 4000 jobs by 2017.

The vision of development of the Podkarpackie Province is based on 2 regional strong areas: well developed aerospace industry and beautiful nature. The vision is supported by dynamically improving communication infrastructure. New motorway has been built and the international airport has been expanded.

Development of these 2 “smart specializations” is coordinated by two clusters: aerospace cluster Aviation Valley and Life Quality cluster Podkarpackie Country.

Aviation Valley companies produce aircraft, helicopters and turbine engines. They manufacture also high-tech modules and components for the most advanced aircraft of Airbus, Boeing, Lockheed Martin, Bombardier, Embraer and others.



Black Hawk (PZL MIELEC)

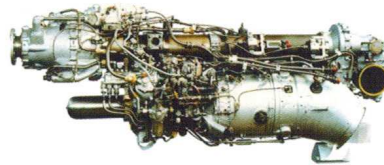


Sokół (PZL ŚWIDNIK Agusta Westland)



Advanced technologies at disposal of Aviation Valley companies allowed them to be part of the newest aircraft programs like: Boeing 787, Airbus 320 NEO, Bombardier C Series, F 35 as well as new generation of engines like GTF PW 1000, CFM 56 Leap or F135. Machining and fabrication capability is supported by forge shops, aluminum and precision casting facilities, special processes facilities, raw material distributors and university laboratories. More than 50 SMEs are part of local, low cost supply base.

**APU Pratt&Whitney
Aero Power
POLAND**



**Turboshaft, Turboprop,
Turbofan engines
WSK-PZL RZESZÓW
United Technologies**

**Low pressure
turbine
MTU Poland**



**Engine gear box
Hispano Suiza Poland**

**Landing gear
UTC Aerospace Systems
Poland**



One of the most significant achievement of Aviation Valley is creation of a comprehensive, 3 level system of education, which has been developed to support current and future skills and talents requirements. The first level is, so called Technical University for children. This is the education program, aimed at promoting aerospace knowledge among 7-9 year old pupils.

The second, high school level, has been developed together with local government. There are 12 training centers built in 12 towns of the province at the cost of 30 M USD. The centers will play role of workshops, dedicated for practical education of machine operators and quality inspectors. The third level of the system includes local Universities and has 2 main purposes. The first is to prepare as many and as good engineers as industry will require. The second is to build R&D infrastructure to allow local aerospace industry to develop new technology. The central government has dedicated 35 M USD to found a new material laboratory for local aerospace industry. There are also significant government funding available for R&D projects of aerospace companies.



ORKA (Margański & Mysłowski)



CZAJKA (Aero-Kros)



AT 3 (AERO AT)



E310 UAV (Eurotech Mielec)



The strategy of further growth of Aviation Valley is based on 3 pillars:

- Gaining market share through developing new technologies and products
- Attracting new investors
- Building R&D capabilities, laboratories and research centers

The strategy is supported by expansion of Special Economic Zones and technology parks as well as large access to government funding.

Europe 2020 Strategy / Podkarpace 2020 Strategy

Smart growth
Economy based on knowledge and innovation

Sustainable growth
More resource efficient, greener and more competitive economy

Inclusive growth
High-employment economy delivering economic, social and territorial cohesion

2 smart regional specializations

CLEAN AEROSPACE

LIFE QUALITY



Aviation Valley Association

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