

Benefits of ESA Membership to Polish Industry



Dr. Agata Jozwicka
CEO/R&T Manager
Astri Polska Sp. z o.o.

Who we are?



Number of employees: 15000

Turn over (2011): 5 billion €

Astri Polska Sp. z o.o.

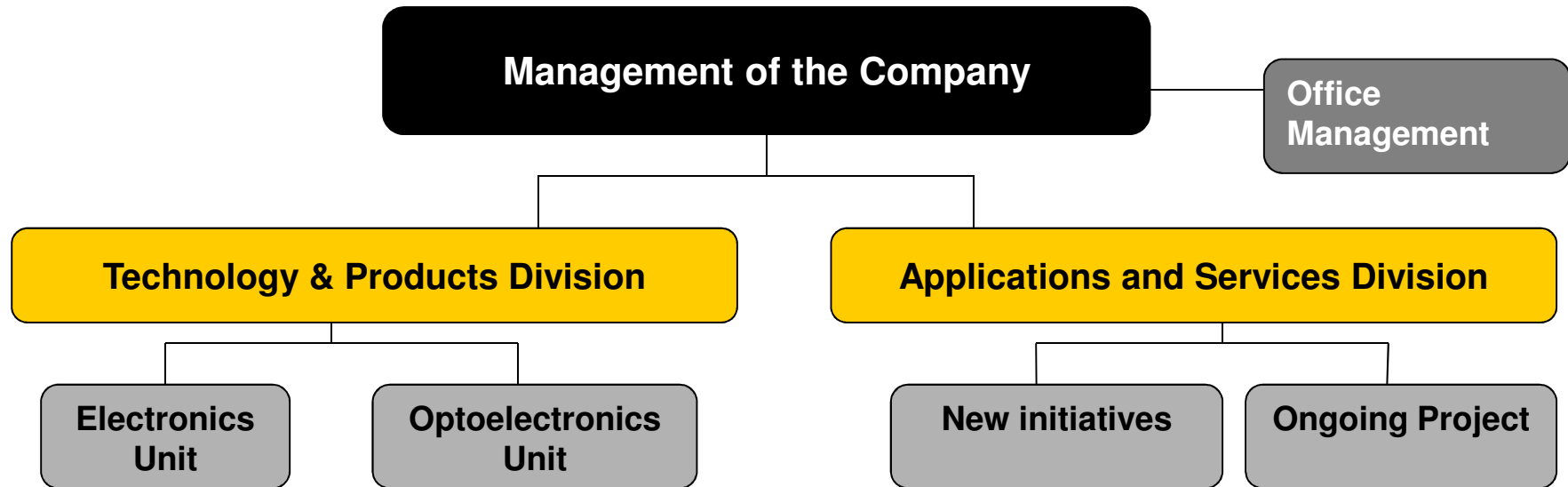
Exists since 2010

We are a joint venture (50/50) between:



We hire 20 full time employees

Astri Polska main activities



Technology & Products Division acts in space and security sectors. Provides prototypes, electronic hardware and optoelectronic software

Applications and Services Division owing to its own projects and close cooperation with SRC PAS and Astrium provides applications and services for various sectors

- We run demonstrations of new technologies in real environments (especially in the security & crisis management sector)
- We are involved in 7 **FP7 projects** in **Space & Security**
- Astri Polska has been cooperating with ESA within 2 PECS projects

From PECS to ESA membership



- PECS mainly focused on small mission studies, applications and Space technology promotion (Technology Transfer)
- Polish Space Industry is under development (mostly SMEs)
- Most of the companies have very limited experience with Space sector
- Due to the size and the low maturity level of the PECS projects, the opportunities were limited
- Long term vision not possible
- Poland participation in several ESA programmes, from technologies to large missions, not only on scientific activities and applications
- More attractive for industrial sector, not only SMEs but also large companies
- Prime Contractors such as Astrium are willing to support and help the industrial Space sector to develop according to the ESA rules
- Wide range of opportunities including in partnership with other EU industries and academia
- **Long term plans and investment possible**

An active role for the Polish industry for ESA



- Polish industry participation in the ESA harmonisation process allows to promote and implement the key technological needs of the Polish industry based on the Polish competencies, such as:
 - Electronics
 - Optoelectronics
 - Robotics
 - Materials
 - Applications...
- and new missions such as:
 - Clean Space
 - SSA and SST paving the way to debris mitigation and removal
 - New high resolution observation missions (geostationary, etc)
 - New robotic exploration missions

This is why the Polish Space related Industry together with main academia organised itself to speak with one voice towards national authorities and ESA: in **Polish Space Industry Association**

Polish Space Industry Association

Gathers main actors in the field of the Polish space sector: companies & research institutes.

23 companies, 100 M€/year of income, 2000 employees

The main goal of the Association is to strengthen the position of members in the national and international markets, as well as to promote collaboration with public administration representatives and non-profit organizations in order to define a consistent strategy to develop the Polish space sector.

Goals:

- 1 Consolidation of the business community and research centers,
- 2 Increase the economic potential of the Polish space sector,
- 3 Public administration support in creation of the national space policy,
- 4 Initiation of cooperation between space sector and related sectors.



Main challenges?

Build a strong national space sector, that will be able to compete on the European market, bringing benefits to the Polish economy and society.



To join ZPSK:

Paweł Wojtkiewicz (Office Director)
Al. Jerozolimskie 202,
02-486 Warsaw

tel. 22 874 03 87



Together with us are:

Astri Polska, Bumar, Space Research Center PAS, Krzysztof Passella, Creotech Instruments, Geosystems Polska, GMV Innovating Solutions, Hertz Systems, Institute of Aviation, National Institute of Telecommunications, ITTI, N7 Mobile, Piktime Systems, Industrial Research Institute for Automation and Measurements, Radiotechnika Marketing, Robotics Inventions, Sener, Solaris Optics, Small GIS, TS2, UNICORN, Wasat, WB Electronics.

Objectives 2013

- 1 Be a reliable representative of Polish space sector,
- 2 Recommendations for Task Force & optional programmes of ESA,
- 3 Recommendations for national space strategy,
- 4 Organization of workshops & trainings,
- 5 Organization of Polish Space Industry Days,
- 6 Initiation of cooperation with similar European associations.