

Polish Space Agency and its plans concerning Copernicus

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Facts

- Poland's participation in PECS: since 2008
- Strategic program of space sector development in Poland signed by PM in 2012
- ESA membership since Nov 2012
- Proces of establishing POLSA initiated in 2013 and finished in Nov 2014
- Agency has to be operational in May 2015

POLSA

- An executive Agency in the Chancellery of Prime Minister
- Located in Gdansk in Special Economic Zone
- Budget: about 2.5 mln Euro
- Size: 35 - 50 persons
- Two departments: research and defence
- Main task: coordination of space activities in Poland

Challenges

- Lack of national space program
- Long cycle of space industry development
- Not quite satisfactory georeturn in ESA and success rate in EC space programs
- Difficulty in convincing administration of using space-based services
- Different priorities of ministries in developing space activity

Main directions

- Mission
- Goal 1: to increase Poland's capacity in satellite systems supporting defence and security
- Goal 2: to support Polish Administration in efficiently employing services based on satellite techniques
- Goal 3: to develop space industry and research sector

POLSA & Copernicus

- The biggest optional program in ESA that Poland subscribes is Earth Observations
- Polish teams participated in many GMES/Copernicus project of 7 FP and intend to continue in H2020
- Many Polish entrepreneurs see their chance in participating in downstream services of Copernicus
- Polish Research Funding Agency, NCBiR, and MoD support a program of building 2 VHR dual use optical satellites by 2022
- IAS satellite is going to be built in Poland in the framework of ESA program

POLSA & Copernicus

- POLSA will support the optical satellite program
- POLSA is going to establish a special support program for units applying for space projects in H2020
- POLSA will run a number of pilot projects for administration making use of Copernicus data (Sentinels)
- POLSA is going to support a number of feasibility studies, for instance in satellite SAR
- POLSA would like to set up close working contacts with ESA technical centers: ESTEC, ESRIN, Harwell

THANK YOU