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Ministry of Foreign Affairs

POLISH SPACE POLICY IMPERATIVES ON THE EVE OF THE ESA ACCESSION

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HERITAGE

- INTERKOSMOS/INTERSPUTNIK
- COPUOS – founding member
- EU ACTIVITIES – EO, NAV, SSA
- NANO-SATELLITES
- 74 INSTRUMENTS FLOWN IN SPACE

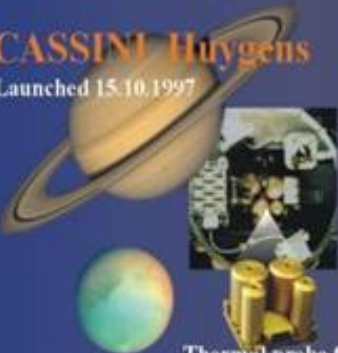


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HERITAGE - INSTRUMENTS

SPACE RESEARCH CENTRE instruments delivered to ESA missions

CASSINI-Huygens
Launched 15.10.1997



Thermal probe for
Titan Surface Package

The image shows a collection of instruments for the Cassini-Huygens mission, including a model of Saturn, a small globe, and various electronic components and probes.

MARS EXPRESS
Launched 02.06.2003



A Scanner of Planetary
Fourier Spectrometer

The image shows a large, boxy instrument with a complex internal structure, set against a background of the planet Mars.

ROSETTA
Launched 02.03.2004



Penetrator of cometary
nucleus surface

The image shows a long, thin, vertical instrument with a probe at the end, set against a background of a comet's tail.

INTEGRAL
Launched 17.10.2002



Electronics box of
anticoincidence subsystem
of Gamma ray telescope

The image shows a complex, multi-colored instrument with many wires and components, set against a background of a starburst or nebula.

HERSCHEL
Launch 2007



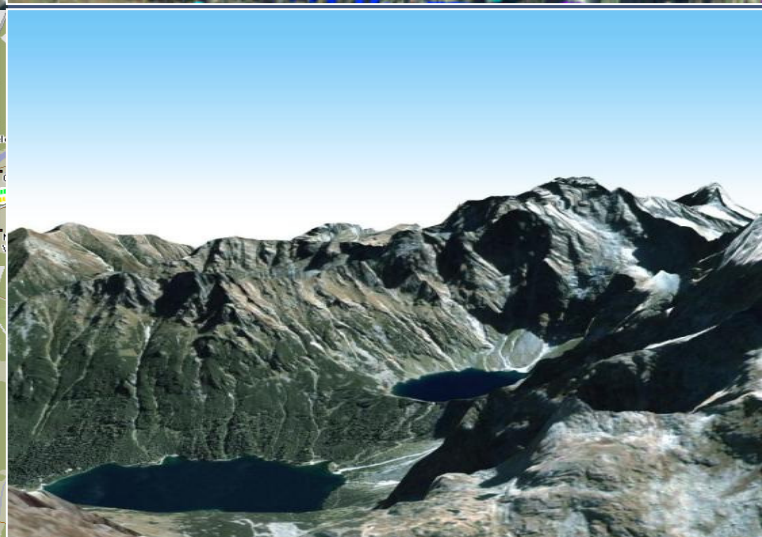
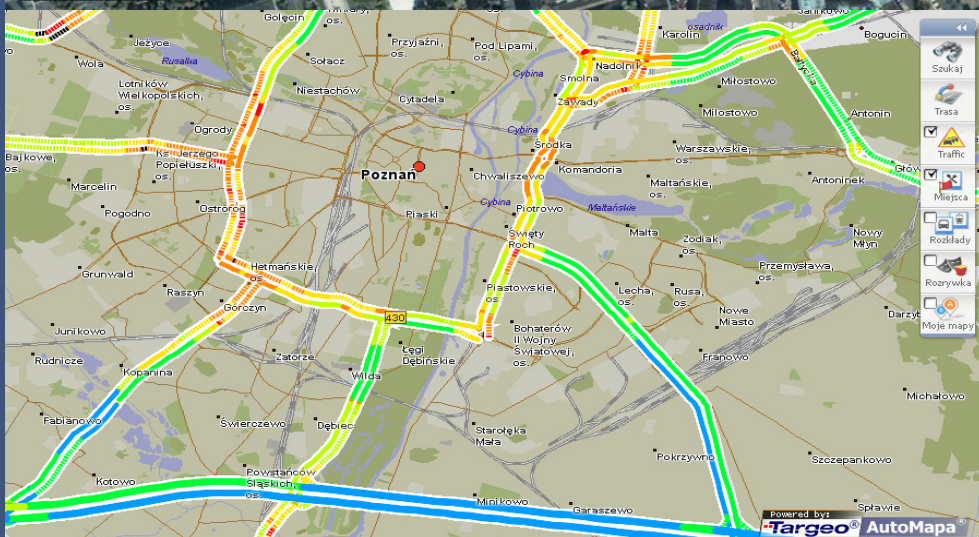
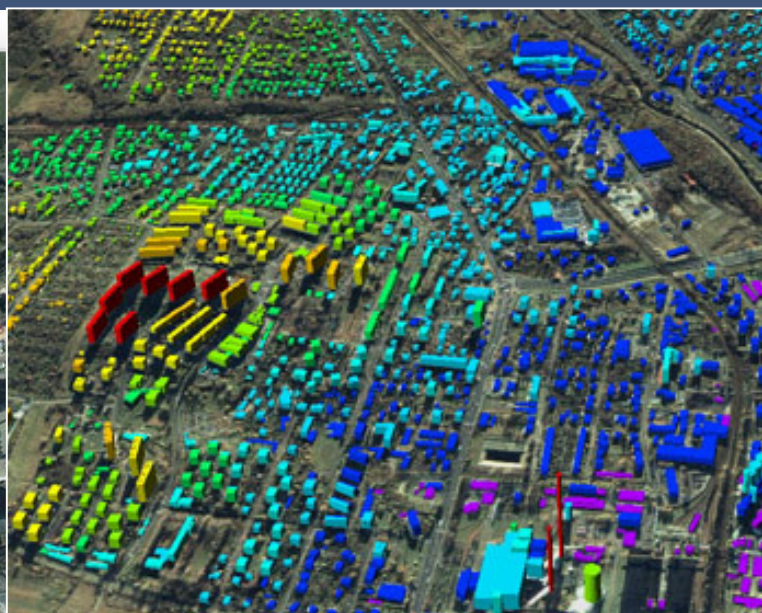
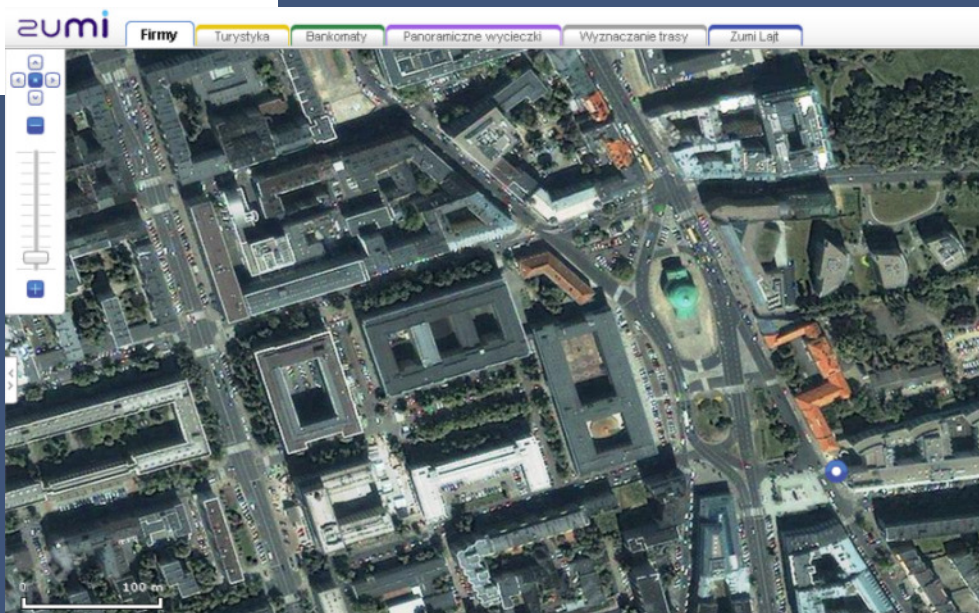
HIFI Local Oscillator
Control Unit Qualification

The image shows a black, rectangular instrument with several red components on top, set against a background of a nebula.



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HERITAGE - APPLICATIONS





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RATIONALE BEHIND

- ❑ „MIDDLE INCOME TRAP” THREAT
- ❑ EUROPEAN INTEGRATION
- ❑ STRATEGIC DEPTH AND AWARENESS
- ❑ RESPONSIBILITY FOR PUBLIC SAFETY
- ❑ „WOW” FACTOR



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PROJECTED MILESTONES

- ❑ ESA FULL MEMBERSHIP
- ❑ SUBSTANTIAL PART OF THE EU/EDA PROJECTS
- ❑ EFFECTIVE GOVT. SPACE STRUCTURES
- ❑ „SPACE” MARKET AND INDUSTRY CHAMBER
- ❑ NATIONAL SPACE PROGRAMME*

*supplementary to pan-European activities



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ESA – TIME...

- ❑ VII 2012 – APPROVAL OF POLISH COUNCIL OF MINISTERS AND ESA COUNCIL
- ❑ 13 IX 2012 – EXCHANGE OF DOCUMENTS
- ❑ FULL MEMBERSHIP – projected in XI 2012



... AND CONTRIBUTION

☐ 31,5 MLN EUR – 2013 LIMIT:

- ✓ MANDATORY - ~19,2 MLN EUR
- ✓ OPTIONAL - TBC*
- ✓ „ENTRANCE FEE”

*possibly 50% of mandatory contribution in the beginning



BEYOND-ESA CONTRIBUTION

□ 22,4 MLN EUR – AVG. ANNUAL

CONTRIBUTION ON SPACE IN EU MFF 07-13'

□ 495 MLN EUR – PROJECTED CONTRIBUTION

IN MFF 14-20'

□ EUMETSAT



2018 ECONOMIC TARGETS

- Deep knowledge of esa procedures and full intra-esa competition cap
- Optional programmes – increased ratio and effectiveness
- Return of > 50% of ESA sources of the EU origin
- Economic multiplier x2,3-x2,5 (>50% of current Danish, Norwegian, ...)
- New market



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THANK YOU!