



**State Space  
Agency of Ukraine**



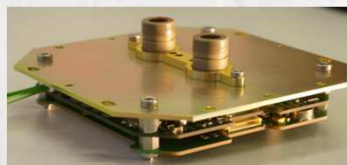
**Igor Sikorsky  
Kyiv Polytechnic Institute**

## PolyITAN-1



**QB50**

, an FP7 Project



**FIPEX** - experimental  
counter-flow sensor

18.04.2017 was launched to  
International Space Station by  
rocket Atlas-5. Measured the  
content of atomic oxygen in the  
Earth's thermosphere.



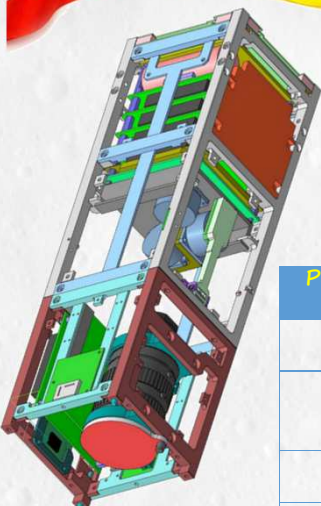
**The First Ukrainian  
Nanosatellite (CubeSat)**

Launched into space  
on **June 19, 2014**

It still works properly

# NANOSATELLITES PROJECTS

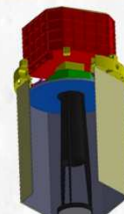
## PolyITAN-3-PUT



Joint  
Ukrainian-  
Poland  
Nanosatellite  
Project

Nanosatellite for  
remote sensing  
of the Earth

## PolyITAN-12-U



**Optical  
Scanner**

**Launch into space is  
scheduled for 2023**

PolyITAN-3- PUT	CHARACTERISTICS	PolyITAN-12U
600	Orbit height (synchronous solar), km	600
VHF, UHF	Radio-telemetry information channels "Earth-Space", "Space- Earth"	VHF, UHF
C	Space-to-Earth high-speed radio channels	S, X
30.0	Optical scanner resolution, m	4.0
30,0	The width of the frame on the Earth's surface, km	8,0
5,0	Weight, kg	24,0
100 x 100 x 300	Overall dimensions, mm (without solar panels)	200 x 200 x 300

### Contacts:

ph.: +380-44-204-91-21, mail-to: [ndch@kpi.ua](mailto:ndch@kpi.ua)  
Peremohy av. 37, build. #1, of. 142  
Kyiv, Ukraine, 03056