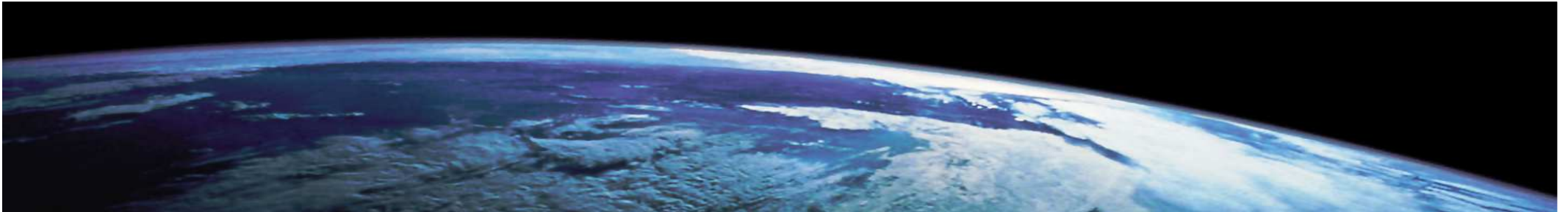




ENGINEERING CONSULTING AND MANAGEMENT  
FOR SPACE TECHNOLOGIES

# LIGHT-TPS

*Kick-off meeting  
May 28-29, 2014, San Sebastian*



**Andrey Girenko, Arnold Sterenharz**



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## COMPANY PROFILE

ECM space technologies GmbH is an independent company, established as a spin-off from the department of Aeronautics at the Technical University of Berlin.

The company provides spacecraft engineering, design, manufacture, launch and operation of high performance nano and pico satellites inclusive subsystems and ground control stations.

As a partner of the Technical University of Berlin ECM space technologies GmbH provides and supports international research and education activities. The company develops new mechanism for stimulating the cooperation between universities and enterprises, takes part at European Union education and research programs.



### **Thematic fields:**

Space, environment, infrastructure, training and education



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## ECM LAUNCH SERVICE

As an authorized partner of the German Aerospace Center (DLR) and the Samara Space Center, the company ECM space technologies GmbH provides launch opportunities for small satellites and satellites complying with the CubeSat standard.

We offer the complete arrangement of the launch including management and logistics support.



## GROUND SEGMENT

ECM space technologies GmbH offers an all-in-one ground station solution with preinstalled and tested equipment and software.

A satellite ground station is suited for a number of different applications:

- Satellite command ground station
- Telemetry and tracking station
- HAM radio activities
- Educational projects



## LIST OF PROJECTS



## Tempus

### Neues Curriculum in Raumfahrttechnik

<http://ncr-tgai.eu/> 2007-2009

### Curricula Reform in Space Technology

<http://www.crist-kru.eu/> 2008-2011

### Practice Oriented Master Programmes in Engineering

<http://promeng.eu/> 2010-2013

### Two cycle E-Commerce curricula to serve Information Society in RU, UA, IL

<http://ecommis.eu/> 2011-2014

### Strengthening education in space-based remote sensing for monitoring of eco systems

<http://sesremo.eu/> 2013-2016

### Modernization of two cycles (MA,BA) of competence-based curricula in Material Engineering according to the best experience of Bologna Process

<http://mmateng.eu/> 2013-2016

### New Model of the Third Cycle in Engineering Education Due to Bologna Process

<http://netceng.eu/> 2013-2016

## LIST OF PROJECTS



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### GEO capacity building initiative in Central Asia

<http://www.geo-seoca.net/> 2010-2011

### Methods and Tools for dual access to the EO databases of the EU and Russia

<http://medeo-eu-ru.org/> 2011-2012

### Problem-oriented Processing and Database Creation for Ionosphere Exploration

<http://popdat.org/> 2011-2013

### Small Explorer for Advanced Missions

2013-2016

### Super light-weight thermal protection system for space application

2014-2017

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### Mobility Academic Network between EU and Central Asia

<http://maneca-em.org/> 2010-2014

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**GOOD BYE!**



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