



EUROPEAN
SATELLITE NAVIGATION
COMPETITION 2013

GALILEO PROGRAMME



LITHUANIA CHALLENGE
ORGANIZER

SUBMIT YOUR IDEA
1 APRIL - 30 JUNE 2013
WWW.GALILEO-MASTERS.EU

FIELDS OF APPLICATION

NAVIGATION
PUBLIC & SOCIAL SERVICES
eHEALTH INDUSTRY APPLICATIONS
ENERGY HIGH PRECISION AUGMENTED REALITY GAMING
SPORTS & TRACKING MOBILE LBS SOCIAL NETWORKING
LOGISTICS SMART MOVING
SAFETY & SECURITY
AEROSPACE



10th
Anniversary

In cooperation with



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sponsoring partners



innovation partner



media partner



MITA for Space



MITA – Agency for Science, Innovation and Technology

Governmental institution responsible for implementation of innovation policy in Lithuania

From 2011-06-29 the Ministry of Economy delegated to MITA implementation of space policy through **National Programme on Development of Research, Technologies and Innovation in the Space Sector for 2010-2015** as well as support and organization of national space events.

MITA hosts the National Contact Point (NCP) for Space theme and Galileo subtheme of the 7th Framework Programme (2007-2013)

MITA participates in EC funded Space NCP project COSMOS
COSMOS Horizon 2020 info tour event will be held during SEMWO2013

Up to date Lithuania results in FP7:

30 participants in **29** proposals applied for financing
11 (37%) participants in **11** projects won grants
in total **0,611** mln. €



- ESNC seeks for ideas for services, product, business innovation with the use of satellite navigation

- Ø PUBLIC SOCIAL SERVICES
- Ø INDUSTRIAL APPLICATIONS
- Ø HIGH PRECISION APPLICATIONS
- Ø ENERGY
- Ø AUGMENTED REALITY
- Ø MOBILE LBS
- Ø SPORTS & TRACKING
- Ø SMART MOVING
- Ø LOGISTICS
- Ø SAFETY & SECURITY

PARTNER REGIONS 2013



... and countless other areas of use

ESNC – Special Prizes 2013



The most promising EGNOS application idea

Focus: GNSS based applications that make use of EGNOS signals and services / for the use of Galileo
Prize: Incubation (max. 12 months)



ESA Innovation Prize

Focus: Commercial use of space technology
Objectives: Best business ideas that uses GNSS
Prize: 10,000 € cash prize; poss. incubation (ESA Budget ESINET)



Robust GNSS - Safety for Success

Focus: Safety-Critical Applications (transport, traffic); instrument for precise operations, scientific applications
Prize: DLR services (~ 50,000 €) e.g. technical support for research, access to testing facilities



Best Patented Innovation

Focus: patented GNSS related innovation
Prize: economic study on the market potential (5 000 €); shortlisted for the European Inventor Award 2014



The most innovative location based AR application

Focus: innovative ideas to create the Augmented City
Prize: software licenses, promotion activities



University Challenge

Focus: students, research associates
Prize: 1,000 € cash prize, patent consulting, technical and business consultancy



GNSS Living Lab Prize

Focus: GNSS-related products & services; ready to be tested
Prize: reality check trial in a Living Lab

On behalf of the Ministry of Economy MITA is the national European Satellite Navigation Competition organizer from 2011

Proposals submitted for Lithuanian Challenge:

2010	-	8
2011	-	17
2012	-	11
2013	-	7

LITHUANIA CHALLENGE 2010

Winner with idea for safety and security applications
Žydrūnas Andruška, UAB „Tobe GPS“

GPS Tracker – BELT for kidnapping prevention



Photo: A NEW approach to people tracking – the GPS Tracker – BELT for kidnapping prevention

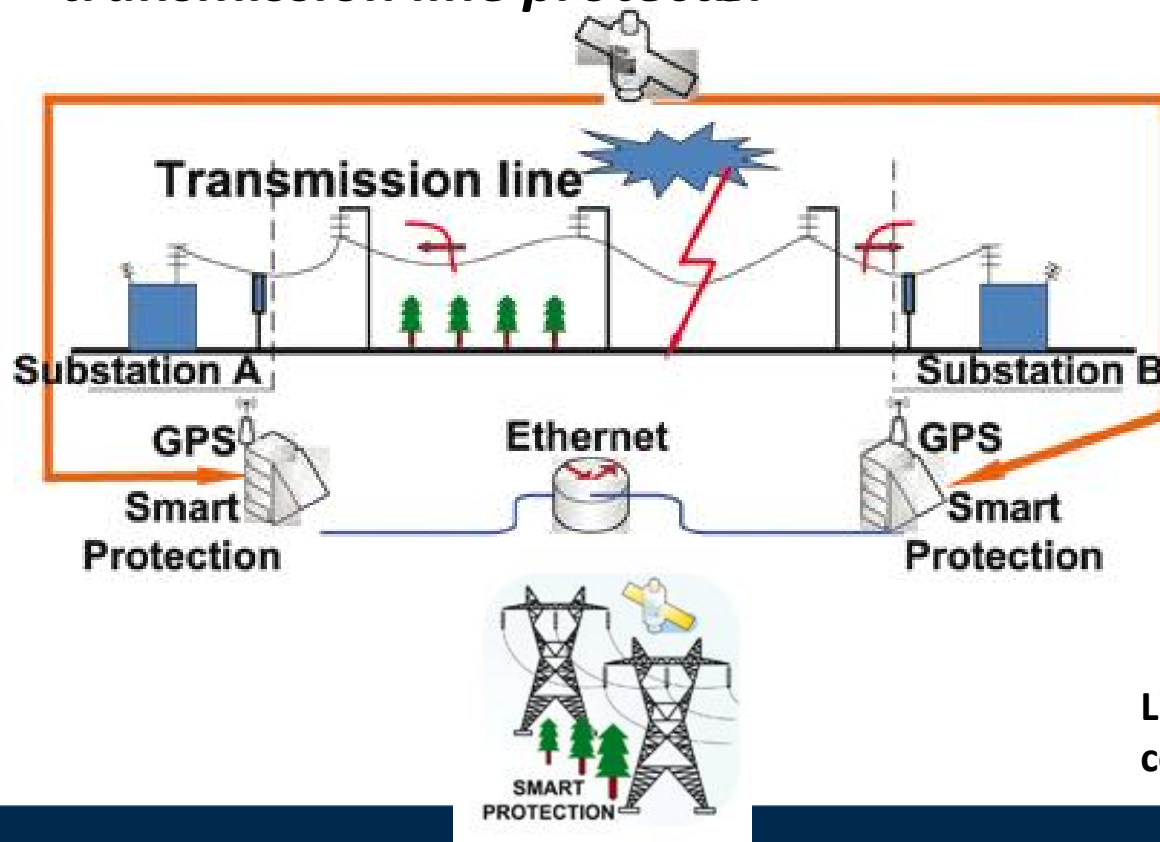


**Lithuania Challenge winner award ceremony
in Munich, 25 October, 2010**

LITHUANIA CHALLENGE 2011

Winners with idea for industrial applications :
dr. Vytautas Šiožinis ir **dr. Linas Markevičius**,
Kaunas technological university

Traveling wave based differential transmission line protection



Lithuania Challenge winners before award ceremony in Munich, 18 October, 2011

LITHUANIA CHALLENGE 2012



Winners with idea for safety and security applications
Lukas Narutis , Karolis Misiura, Sigitas Limontas

HeroHelp Collective Emergency Network

Elements of HeroHelp system



Lithuania Challenge winners award ceremony in Munich, 25 October, 2012

The Winners are: