

Horizon 2020 Space Information Days

Meet your partners

Develop your ideas



Ljubljana , Slovenia
19-20 April 2015



EGNSS/Copernicus Applications

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Topics that we are interested in



Galileo

- GALILEO-1-2017 - EGNSS Transport applications
- GALILEO-2-2017 - EGNSS mass market applications
- GALILEO-3-2017 - EGNSS professional applications
- (GALILEO-4-2017 - EGNSS awareness raising and capacity building)

Earth Observation

- EO-1-2017 - Downstream applications
- EO-2-2017 - EO Big Data Shift

Other actions could also be considered

BITGEAR– Who we are/ What we do

- Privately held enterprise established in 2007 in Serbia
- 45 employees (mostly MScEE) + external team of experts
- **Turnover growth of 1836 % in 5 years**, recognized regional leader
- Numerous successful FP7 projects
- **2 x H2020 projects in space applications** domain
(GHOST, I-REACT)



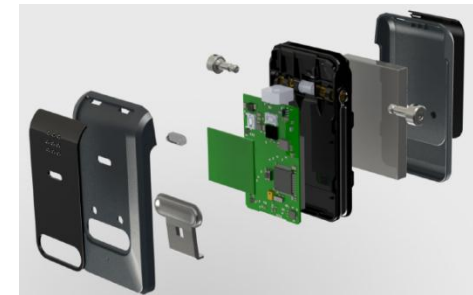
Management
Consulting
Program



BITGEAR – Cooperation

Competencies

- Design of Electronics (MCU, DSP, FPGA)
- Positioning
 - GNSS, inertial, other radio – Wi-Fi, UWB
- Technology demonstrators/products in areas:
 - **Driving behaviour, collision analysis**
 - **Mobile telecare and telehealth**
 - **Car sharing**
 - **Sports analysis**
 - tennis, sailing, running, football
- **Looking for project partners/ideas for new initiatives and GNSS applications**



New applications for

GHOST

Galileo EnHancement as BoOster of the Smart CiTies



- GNSS (Galileo/EGNOS) + high quality cameras on buses
- City/Road infrastructure monitoring:

illegal parking detection, garbage collection status, street light anomalies, pothole detection, billboard status...

Camera +
GALILEO Rx



1

2

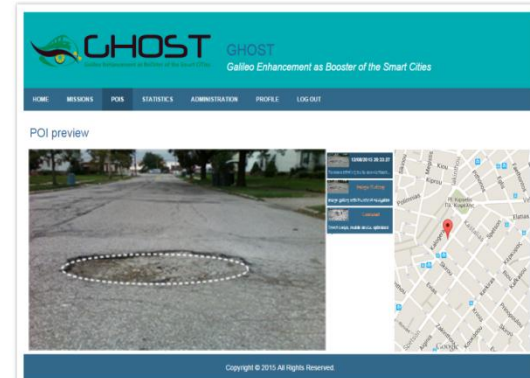


3

4



USERS



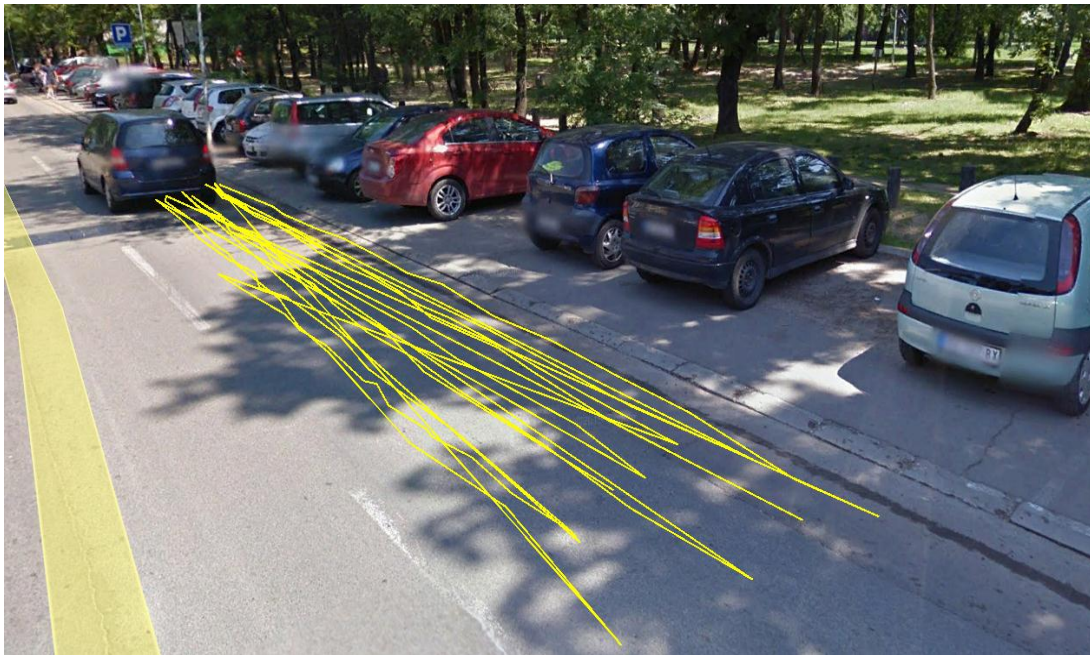
GHOST_GNSS

New applications for

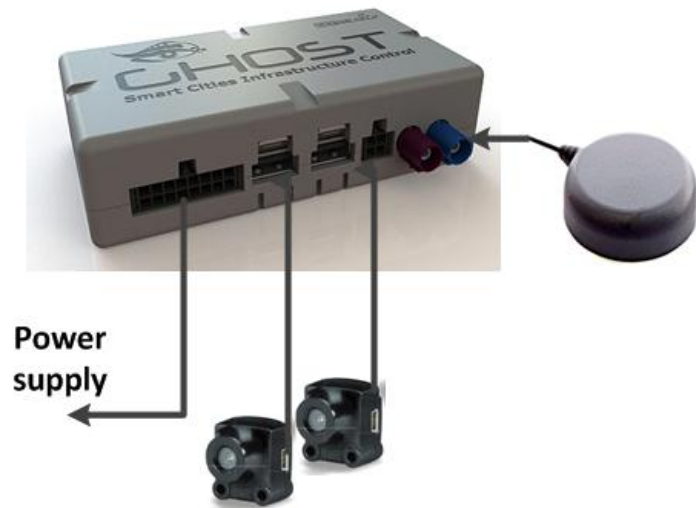
GHOST

Galileo EnHancement as BoOster of the Smart CiTies

- GHOST Embedded system
- On-going field trials and demonstrators in Serbia and Italy
- **Looking for partners/ideas for new applications of GHOST**



GHOST – lane level accuracy
(10 passes near point of interest)





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Thank you!

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