

Update Information

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Critical Space Technologies in FP7 (2007-2013)

- ❑ 662M€ was invested on 262 projects
- ❑ 197M€ to fund Space technology projects (102 projects)
- ❑ 59M€ (30%) was spent in Critical Space Technologies' projects
- ❑ Portugal takes the 6th place in the FP7 ranking

Critical Space Technologies in H2020 (2014-2015)

WP 2014 funded 4 projects on 4 urgent actions:

- ❑ **U1, U2, U5, U11**
- ❑ U17 was left empty with no projects

WP 2015 will fund 4 projects on 4 urgent actions

Critical Space Technologies in H2020 – Tendencies for WP2016-2017

Following the outcome of the EC –MS meeting on Space Critical Technologies (13th February), high probability for:

U16 - Space qualified GaN components and demonstrators



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Thematic Workshop on GaN based Critical Space Technologies

Date: April 10th, 2015

Venue: Instituto de Telecomunicações – Aveiro

Target technologies

U16 - Space qualified GaN components and demonstrators

U19 - High speed DAC-ADC based on European Technology

U12 - High Capacity FPGAs

Speakers

EU COM H2020

ESA (Edmund Williams, Andrew Barnes)

SME4SPACE (Hans Bacqueré)

IT/EVOLEO presentation of GANSAT

FBH (Joachim Wurfl) - European GaN process

MIER (TBC) – Transceivers for Space

Univ. Kent (Qi Luo) – Antennas for Space

E2V Semiconductors (Nicholas Chantier)



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Next coming events for industry and Research

SME4SPACE membership and action plan

SME4SPACE

(Hans Bacqueré)

Place: Instituto de Telecomunicações – Aveiro, April 9th, 2015

Research Using the International Space Station

Fast track and low cost access to low Earth orbit for hosted payloads, cubesats and small satellites

Commercial ISS Applications, Airbus DS GmbH, Bremen

(Dr. P. C. Steimle, U. Pape)

Place: TBC, date TBC



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Electric Propulsion

Thank you for your attention



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