

PROJECT

ANGELS (2)

ADVANCED NEXT GENERATION LANDING SYSTEM (2)

Funding: European (Horizon 2020)

Duration: Dec 2015 - Oct 2017

Status: Complete

Total project cost: €2,318,164

EU contribution: €1,622,715



Call for proposal: H2020-SMEINST-2-2015

[CORDIS RCN : 199292](#)

Objectives:

ANGELS is a high precision instrumental guidance system at the price of an optical guidance system. ANGELS makes use of standards and context aware customizable predictive software to dramatically increase the level of safety in Approach & Landing (A&L) operations. ANGELS focuses in a very specific scenario: Helicopters A&L operations to helidecks at wind farms and Oil/Gas (O/G) rigs (our primary market), where poor visibility (optical guidance systems don't help), complex glide paths (non straight line approaches), high density of obstacles and reduced space are a constant, and where decision makers (usually helidecks constructors and helicopter service companies) are very sensitive to price (small companies), who need affordable instrumental guidance solutions to comply with requirements from platforms managers.

Parent Programmes:

[H2020-EU.3.4. - Horizon 2020: Smart, Green and Integrated Transport](#)

Institute type: Public institution

Institute name: European Commission

Funding type: Public (EU)

Lead Organisation:

Palu Srl

Address:

VIA MARSALA 36
21013 GALLARATE VA
Italy

EU Contribution: €912,215

Partner Organisations:

Blu Electronic Srl

Address:

VIA LAVORATORI AUTOBIANCHI 1
20832 DESIO
Italy

EU Contribution: €710,500

Technologies:

Unclassified
Non-technology

Development phase: Research/Invention

STRIA Roadmaps:

Cooperative, connected and automated transport, Vehicle design and manufacturing

Transport mode: Air transport

Transport sectors: Passenger transport

Transport policies: Other specified

Geo-spatial type: Infrastructure Node