

PRESS CONFERENCE

SAFRAN & HONEYWELL

/ Paris Air Show 2011 /

Tim Mahoney, President & CEO of Honeywell Aerospace

Jean-Paul Herteman, Chairman & CEO of Safran



Paris Air Show 2011, June 19
Electric Green Taxiing System



ELECTRIC GREEN TAXIING SYSTEM

→ Concept that allows an aircraft to taxi without having to use its main jet engines

- Electric motors located in the wheels on the main landing gear, powered by the APU, allow the plane to move forward or backward

→ Main benefits for the airlines

- Up to 4% reduction in block fuel
- Significant reduction in ground emissions (CO₂, Nox)
- Eliminates the need for tractors for ground operations
- Less use of the brakes during the taxi phase
- Noise reduction at the gate area
- Improved safety for ground personnel
- Reduced engine maintenance by avoiding ingestion of damaging debris
- Facilitated manoeuvring of the aircraft during maintenance operations



A green and innovative concept

Honeywell

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 **SAFRAN**
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A 50/50 SAFRAN-HONEYWELL JV

→ Honeywell and Safran have signed a memorandum of understanding on Electric Green Taxiing System development

- Provides an accelerated time to market for Electric Green Taxiing System
- Partnership includes joint system development, production, marketing and support
- JV to provide a superior product and global customer support

→ Partnership provides systems expertise

- Honeywell Avionics and APU system breadth
- Safran landing gear systems breadth
- Complementary capabilities in electric power products and systems integration



→ Early availability of Electric Green Taxiing System

- Vast breadth of aftermarket support from two major suppliers
- One interface to operators
- Integrating two capable suppliers brings the best Electric Green Taxiing System to market

Combining the strength of two market leaders



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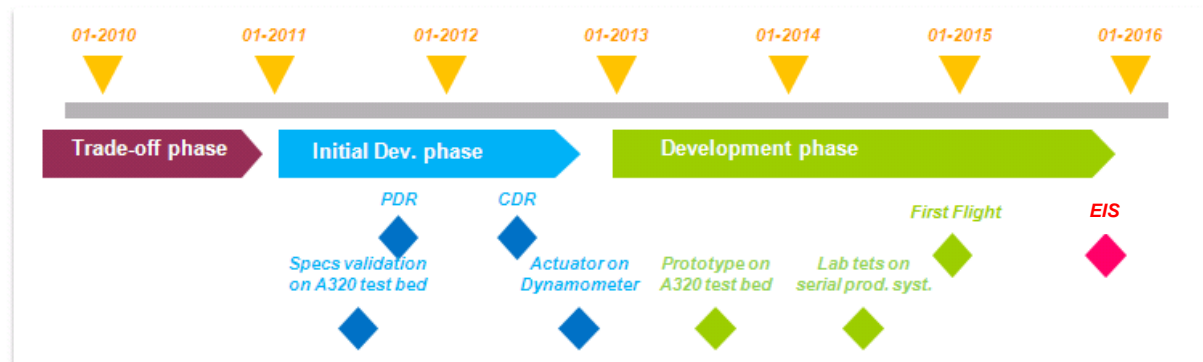


THE BEST TIME TO MARKET

→ Potential market for narrow body (2016-30)

- Between 8,500 and 9,000 aircraft (forward fit and retrofit)
- Corresponding to approximately \$5bn market opportunity

→ Estimated schedule



Ready for EIS in 2016

A SIGNIFICANT MILESTONE IN AVIATION HISTORY

- A more electric airplane breakthrough innovation
- A step forward to carbon footprint emission reduction
- A significant Direct Operating Cost reduction for the airlines



A new transatlantic win win partnership

Honeywell

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ELECTRIC GREEN TAXIING SYSTEM

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