



World ATM Congress

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Madrid

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European Commissioner for Transport

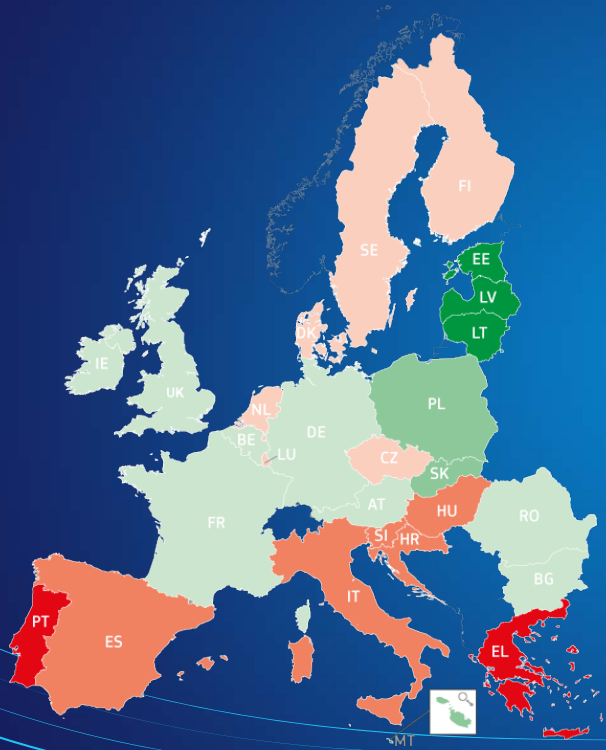


EU GDP Growth

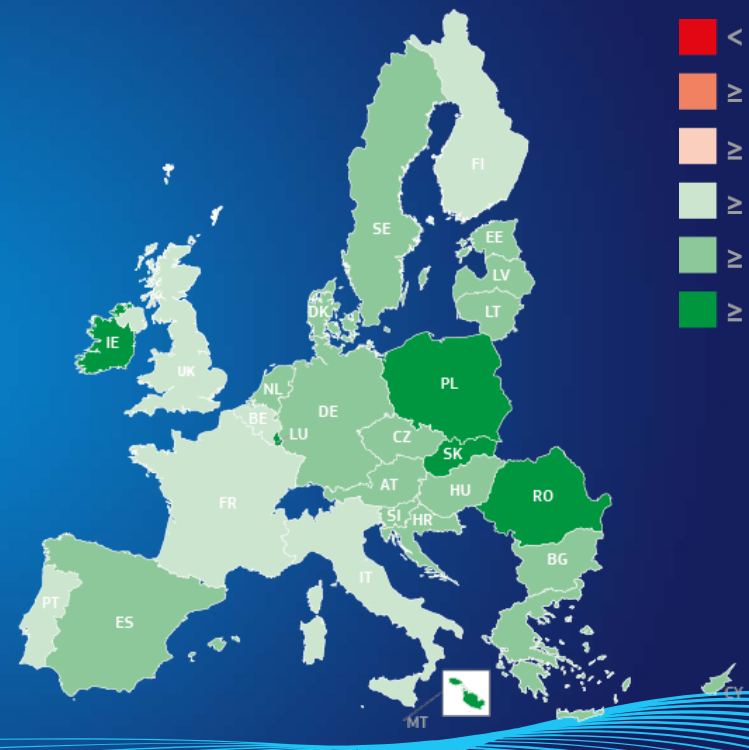
2012

2017 (forecast)

- < -3%
- ≥ -3%
- ≥ -1.5%
- ≥ 0%
- ≥ 1.5%
- ≥ 3%



- < -3%
- ≥ -3%
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- ≥ 0%
- ≥ 1.5%
- ≥ 3%



Source: European Commission, Autumn Economic Forecast, November 2016



The EU is taking action

Positive results in the European Union:

- **Economic growth:** all EU economies are growing. EU GDP higher than before the crisis.
- **More disposable income:** +2% in 2016.
- **More jobs:** 8 million new jobs since 2013.
- **More investments:** +2.0% in 2016.
- **Less unemployment:** lowest levels since 2009.

A Challenging Political Climate

- Greece.
- Terror Threats.
- Migration crisis.
- Global repositioning of power.
- Climate change.



Transport delivers

- **Connectivity:**
 - Mobility and prosperity.
 - Open an inclusive markets.
 - Global partnerships.
- **Efficiency:**
 - Lower costs for EU companies.
 - Europe is better able to compete globally.
 - New technologies.

GROWTH AND JOBS



Importance of Aviation

- **10% increase in air connectivity = 1% increase in GDP.**
- **EU aviation sector = 2 million direct jobs adding €510bn to EU GDP; €7.5bn of this is from ATM.**
- **ATM = 56,300 employees (17,370 controllers & 38,930 others).**

HOW TO LEAD?

A Transport Union for global leadership



How to lead?

1. Digitalisation

- Operations (ATM).
- New business models (block chains, platforms).
- Emerging technologies (artificial intelligence, big data).

2. Decarbonisation

- Moving from Airspace to Trajectory Management .
- End to End Traffic Synchronisation.
- Efficient and Green Terminal Airspace Operations.
- Electrification of operators (docking).

How to lead?

3. People (consumers and workers)

- Passenger Rights.
- Social dialogue.
- Equal opportunities.
- Quality of life (noise, pollution).

4. Global leadership

- Continue to be global leaders.
- Export SESAR concepts and technologies:
 - EU standard - international standard.
 - EU competitive advantage.
 - Better interoperability (harmonisation).

How to lead?

- 4. Investment

GRANTS	LOANS
EU GUARANTEES	BLENDING

How to lead?

• 5. Innovation

- Technological innovation - greater cost and flight efficiency.
- Technology enables all of these mechanisms and allows us to leverage investments to modernise ATM.
- 1st work programme of SESAR JU = 63 solutions that will:
 - Increase airspace capacity by **33%**.
 - Reduce aircraft fuel burn by **2.3%**.
 - **30%** less delays and
 - **11%** more airport capacity.
- By end of 2017: EUR 2.8 billion in investments to modernise Europe's ATM infrastructure + over 300 projects = jobs for thousands of citizens.

Delivering on the Aviation Strategy

- **Compete and be competitive**
- **Challenges:**
 - New competitors.
 - Regulatory environment must be improved.
 - Safety and environmental concerns.



Aviation Strategy is delivering

- **Deliverables:**
 - **Connectivity:** Tapping into growing markets (aviation agreements – ASEAN, Qatar, Turkey).
 - **Efficiency:** Tackling limits to growth on the ground and in the sky (SES, SESAR, Connectivity Package).
 - **Standards:** (Safety – EASA Regulation; Environment – ICAO deal).



Delivering on the Aviation Strategy

New Connectivity Package – spring 2017:

- 1. Maintain the EU as a leader in international aviation**, by safeguarding connectivity and competition, and facilitating foreign investment into EU airlines.
- 2. Tackle limits to growth in European skies**, by addressing connectivity gaps. Enhancing airspace efficiency through recommended practices for ATM Service Continuity in the event of traffic disruptions.



Conclusion

- **Growth of aviation** – EU must collaborate with international partners.
- **Our focus:** Digitalisation, People, Decarbonisation, Global leadership - driven by Innovation and Investment.
- **Europe must adapt to remain a leader in aviation – open and connected is key.**



Thank you for your attention



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