



Transport Malta



# Agenda



- 10:00 – Welcome
- 10:15 – Introductions
- 10:30 – Introductory Presentation
- 11:00 - 12:00 – Questions and Discussion,  
including refreshments

# D-Air Project

## *Decarbonised Airport Regions*



Goal: to improve the **surface accessibility** to and from the airport; contribute towards **CO<sub>2</sub> neutrality** of airport operations.

The project pays special attention to the optimal involvement of business R&D communities in creating well connected green airports.

D-Air studies how to **reduce carbon emissions** from:

- ✓ surface access transport to and from the airport
- ✓ airport operations



## How?

- Study visits and workshops
- Stakeholder forums
- Exchange of experiences between the 14 Partners
- Adapt solutions that have been successful at other airports

## Why is this project important?



Airports in Europe find it hard to expand because their environmental footprint is being scrutinized by numerous authorities and neighbouring residents.

However, if there is willingness to reduce the carbon around the airport, the neighbouring communities will begin to accept the airport as a necessary catalyst for economic development.

## Expected Outcomes for Malta:

- Establishment of the current CO<sub>2</sub> emissions baseline within the airport region in the form of a Carbon Footprint Study;
- The results may then be used to gauge the effectiveness of any measures introduced after the project's conclusion.

# Study Process



- 1) Detailed database on carbon emissions within the airport region; indicating where the emissions are coming from; the level of influence that the airport operator has on such emissions;
- 2) Data Interpretation Report which explains the results obtained and presented in the Database;
- 3) Proposed list of possible Plans and Measures including options analysis;
- 4) Proposed Implementation Plan.

# Your Involvement



- 1) Detailed database on carbon emissions within the airport region; indicating where the emissions are coming from; the level of influence that the airport operator has on such emissions;



- 2) Data Interpretation Report which explains the results obtained and presented in the Database;

- 3) Proposed list of possible Plans and Measures including options analysis;



- 4) Proposed Implementation Plan.

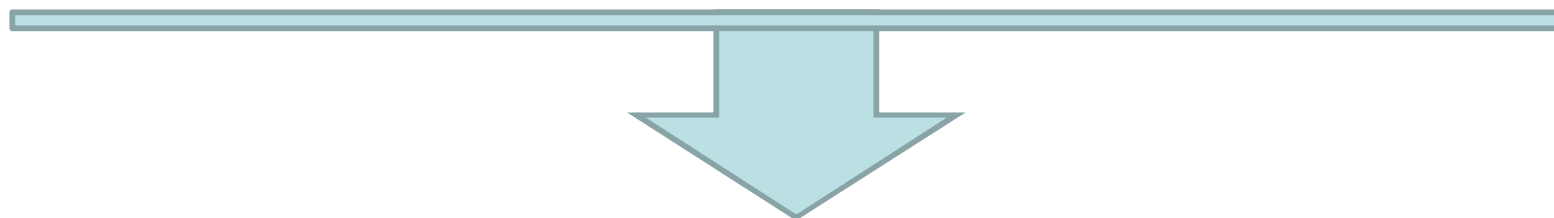




# Type of data to be collected:



- Any ground handling related activities; Including Passenger transfer within the airport terminal and on the apron
- Aircraft refuelling activities and transportation of fuel and storage
- Airport facility operations and maintenance
- Third party aircraft maintenance and services companies
- Any transport activities conducted by the different airlines
- Ascertain the energy and water usage by the operators operating within the boundaries of the airport. (The use of fuel to produce water from the reverse osmosis plant shall also be included)
- Transport activities done by residential emergency services such as fire engines
- Public transport to and from the airport – patronage, number of trips
- Taxi services – number of daily trips
- Any transport and other related activities connected with on-going construction activities at the airport or connected to it



This data will lead to the generation of an **inventory** which comprehensively includes all sources of **carbon emissions** and will assist in the options analysis and selection of the **best way forward**.

# Expected Commitment from Stakeholders

- General agreement from your organization to be involved in the project as a stakeholder;
- Data collection at stage (1): provide the Contractor with requested data;
- Attendance of Stakeholder Forums:

During phase (3) (February 13): where you will be asked for ideas on possible options that can be implemented by your organizations to reduce the carbon footprint;

After phase (4) (April 14): proposals will be presented and you will be encouraged to consider adopting some of these measures in order to achieve CO<sub>2</sub> and/or improved surface access.



# Current Status

**January 2012**

Project Start Date

**June 2013**

We are here

**December 2014**

Project end



## Work Completed so far:

3 Study Visits

Latest study visit was held on Malta

Tender for Carbon Footprint  
has been drafted

To be published imminently

## Upcoming Activities:

Publishing of Tender

June 2013

Contracting of Tender

September 2013

Data Collection

Sept to Nov 2013

Stakeholder Forum to collect Options  
ideas

February 2014

Final Stakeholder Forum: to present  
options selected

April 2014

Further information on this project and regular updates may be found on

<http://www.dairproject.eu>

and

<http://www.transport.gov.mt/transport-strategies/strategies-policies-actions/transport-strategies-in-development/d-air-project>



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[www.transport.gov.mt](http://www.transport.gov.mt)

