



GETTING @AIR

Clean airports. Decarbonised regions.

October 13, 2014, Brussels, Belgium

FINAL EVENT

PROGRAMME





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Welcome



Sergi Alegre Calero,
vice-mayor El Prat de Llobregat
Airport Regions Conference President
on behalf of the dAIR partnership

Dear Colleagues and Friends,

What made me appreciate the dAIR project from the beginning is the fact that it aims at tackling an important issue – the carbon reduction nearby airports – through cooperation. Cooperation matters because it is very clear to me that a sole actor cannot solve the problem on his / her very own. The dAIR partnership gathers organisations of all types: municipalities, regions, airport operators, and public transport operators. All together, they agreed to unite forces, expertise and experience towards a same goal.

When the project was further developed, what I deeply appreciated was its pragmatism. The partners have really focussed on what can actually be done and is currently being done. Partners neglected no small lead: they explored with equal eagerness costly solutions requiring major infrastructure changes as well as quick wins.

What I like about the project now, is the concrete results. Several outcomes are already visible, be it new buses, or new signage, and I know that other partners are now exploring new policies to be implemented in their region or in their airport.

For these reasons, this conference will not only look at the summary of what has been done during the 3 year duration of the project, it is also the starting point for other types of cooperation and projects of interest for many, inside the dAIR partnership as well as inside the larger ARC partnership, and hopefully also for all those who are committed to reducing carbon emissions.

The reduction of carbon emissions is increasingly higher on the agenda of policy makers. We knew that addressing it properly was a long-distance race, but with dAIR we proved that local politicians and airport managers are ready to take the lead in this race.

CONFERENCE PROGRAMME

10:00	REGISTRATION AND WELCOME
10:30	SESSION 1 - DAIR GOOD PRACTICES
12:00	LUNCH AND EXHIBITION
14:00	SESSION 2 - AIRPORT OPERATIONS
15:30	COFFEE BREAK
16:00	SESSION 3 - SURFACE ACCESS
17:30	END OF CONFERENCE

Welcome

Jannie Visscher, Vice Mayor for Traffic and Transport, City of Eindhoven
Sergi Alegre, President, Airport Regions Conference

Session 1

dAIR Project: Good Practices

This first session will include speeches, presentations of good practices from dAIR, and cases from the project which will look at possible outcomes, implementation practices and impacts. This will primarily include speakers of the project as well as a view from Interreg IVC Secretariat, the sponsor of the program.

Speakers:

- **Ron Nohlmans**, Project Manager, dAIR
- **Akos Szabo**, Joint Technical Secretariat, Interreg IVC
- **Dan Wolff, Daniela Florea**, Eurotran Conseil
- **Alessandro Delpiano**, Province of Bologna
- **Achim Lohse**, City of Leipzig
- **Helene Karlqvist**, Arlanda Environment, Sweden

Session 2

Airport Operations

This session will take the policy recommendations of dAIR in terms of decarbonising airport operations as a basis for debate. It will be looking beyond the immediate and into what policy measures can be extracted from the project and how can they be integrated into the wider landscape of institutions, airports, stakeholders etc.

Speakers:

- **Emmanuelle Maire**, Head of Unit Internal Market and Airports, European Commission
- **Torborg Chetkovich**, CEO, Swedavia
- **Joost Meijjs**, CEO, Eindhoven Airport
- **Nazareno Ventola**, CEO, Bologna Airport
- **Morgan Foulkes**, Deputy Director General, ACI Europe
- **Laurence Rouil**, L'Institut National de l'Environnement Industriel et des Risques (INERIS) - for ACNUSA

Session 3

Surface Access

This session will take the policy recommendations referring to decarbonising surface access to airports as a basis for debate. It will be looking beyond the immediate and into what policy measures can be extracted from the project and how can they be integrated into the wider landscape of institutions, airports, stakeholders etc.

Speakers:

- **Sergi Alegre**, Vice-Mayor, El Prat de Llobregat
- **Miloš Petera**, Governor of Central Bohemian Region, Member of Czech Parliament
- **Svend O. Leirvaag**, Vice President, Industry Affairs, Amadeus
- **Jean-Olivier Ehkirch**, Directeur de Secteur, Keolis
- **Milda Manomaytite**, Director, Global Air Rail Alliance

Each session will be followed by a Question and Answer period.



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amadeus

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GETT
Clean airports
October 13, 2011

01 **ACA**

Airport Carbon Accreditation is an independent, voluntary programme administered by WSP Environment & Energy, an international consultancy appointed by ACI EUROPE to enforce the accreditation criteria for airports on an annual basis. As of November 2011, Airport Carbon Accreditation has been extended to airports in the Asia-Pacific region, in cooperation with ACI Asia-Pacific.

02 **Amadeus**

Amadeus will present Airport IT solutions as well as multimodal transport system projects.

03 **Warsaw Modlin Airport**

Modlin Airport is the newest airport in Poland, and as such they strive to be a pro-environment airport.

04 City of Leipzig

Jobticket & e-taxi are the additional activities in the dAIR project. We want to present the actual development which the city of Leipzig has had with these two practices.

05 OTEM 2000

Project: SUN and MOTION are clean energy for future ECO-Airports.

We will show different green solutions to transform the Airports into clean energy sources embedding them in the infrastructures to get some benefits: reduce the air pollution and reduce the energy bill.

06 ENVISA

ENVISA is an environmental aviation consultancy company. The project presented will relate to the AeroGenie webplatform, a webtool that has been designed to support airports in designing and improving their carbon footprint, as well as to conform with legal and voluntary obligations related to their environmental impact (in terms of noise, air quality, waste, water) and to promote best practices (ISO 14001, EMS, etc.)



City of Leipzig

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The Global AirRail Alliance

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MITTELDEUTSCHE
AIRPORT HOLDING

09

07 Eurotran Conseil

Eurotran is a consulting firm specialised in European affairs. Our job is to assist our clients in their understanding of the European political and legislative environment in order to induce or anticipate changes.

Eurotran will present its contribution to the dAIR project as well as its work in the field of transport policy and EU funding.

08 GARA

Global AirRail Alliance joins airports, rail operators, airlines and suppliers who work together in creating seamless travel experience when travelling to and from airports by rail.

09 Mitteldeutsche Airport Holding

Mitteldeutsche Airport Holding is the umbrella brand of Mitteldeutsche Flughafen AG, a company owned by the public sector. The Group has three subsidiaries: Leipzig/Halle Airport, Dresden International Airport and PortGround.

10 Mazovia Region

Mazovia Region is a self-government regional authority. We are a member of ARC and a dAIR project participant together with Warsaw-Modlin Airport.

11 POLIS

Polis is a network of European cities and regions working together to develop innovative technologies and policies for local transport.

Polis will be presenting a number of projects that relate to transport in airport areas.

12 Province of Bologna

The Province of Bologna is a public administration and it will present the new airport terminal setup in the last years. The green belt project and the Strategic Plan and agreements with the local stakeholders for the development of the transport system connecting the terminal to the city will be showcased during this exhibition.



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13 Swedavia

Swedavia will present good practices from the point of view of the Swedavia Arlanda Environmental Department.

14 Wheel Tug

WheelTug plc is developing the WheelTug aircraft electric drive system, which enables aircraft to be electrically driven from the terminal gate to the takeoff runway, and upon landing from runway exit to the gate. This allows improvements in efficiency, flexibility, fuel savings, reduced engine wear, reduce foreign object damage (FOD), as well as substantial reductions in CO2 and other greenhouse gas emissions. The WheelTug system can be seen in action at <http://media.wheeltug.com>

15 ARC

The Airport Regions Conference (ARC) is an association of regional and local authorities across Europe with an international airport situated within or near their territory

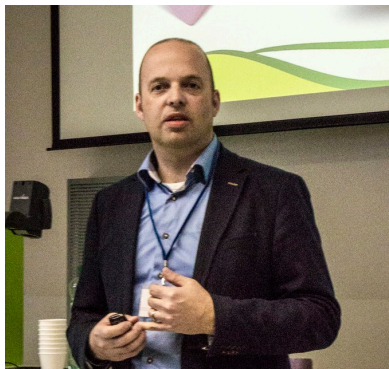


EINDHOVEN

JANNIE VISSCHER

Vice-mayor for Youth, Education and Traffic and transport of the City of Eindhoven

Jannie Visscher has a degree in Agricultural Environmental Sciences. She has been vice-mayor for the City of Groningen from 2006 until 2014. Since May 2014 she taken office in Eindhoven.



EINDHOVEN

RON NOHLMANS

Senior policy advisor mobility at the City of Eindhoven

Ron Nohlmans has a degree in Geodetical Science. After some years in the geodetic industry he started working for the City of Eindhoven in 1996 as head of the Surveying and Geo-information department. In 2003 he became head of the Policy Planning department and since 2007 he has been working as a programme manager and senior policy advisor for mobility. In this capacity he has been involved in several Interreg projects (HST Connect, BAPTS and RoCK) and is project manager of the dAIR project.



INTERREG IVC
INNOVATION & ENVIRONMENT
REGIONS OF EUROPE SHARING SOLUTIONS

AKOS SZABO

INTERREG IVC

Akos Szabo graduated as an economist from the faculty of non-profit organisations and diplomacy of the West-Hungarian University in Sopron, Hungary in 2002.

He started his professional career in the Prime Minister's Office in Budapest, Hungary, where, among other tasks, he dealt with financial control and monitoring of EU funds and the national budget.

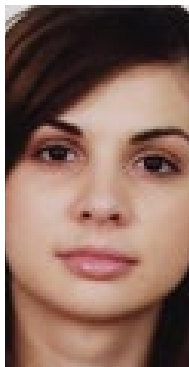
In 2004 he joined the Joint Technical Secretariat of the Slovenia-Hungary-Croatia INTERREG IIIA Neighbourhood Programme in Ljubljana, Slovenia as the Hungarian member.

Since 2007 he is working in Lille, France in the INTERREG IVC programme as a project officer dealing with project development issues.

His presentation will provide an overview of the key results and main achievements of the INTERREG IVC programme so far. In addition, it will also highlight the achieved results of the dAIR project. And finally, will give an insight into the future of the programme, into INTERREG EUROPE.

The audience will get familiar with the key results of INTERREG IVC at a programme level and learn also about the specificities of the successor programme, INTERREG EUROPE.

SPEAKERS



DAN WOLFF

Managing Partner Eurotran Conseil

DANIELA FLOREA

Consultant Eurotran Conseil

Dan Wolff founded Eurotran in 2010. He has 15 years of professional experience, mainly in transport policy. He has been active in EU transport policy for a number of years, rail, road, maritime and aviation clients.

Daniela Florea has over 5 years' experience in communication and public transport policy. Daniela is familiar with regional and environmental issues affecting the transport sector. She has worked, among others, on the Connecting Europe Facility, Trans-European Transport Network, adoption and implementation of rail packages as well as on the revision of the directive on weights and dimensions and EU funding opportunities for the transport sector.

Eurotran will provide an overview of the various good practices that have been included in the Transnational Best of Document. The presentation will focus on airport operations such as green airport vehicles and lighting solutions and surface access such as bus on demand and Mobility Plans.



ALESSANDRO DELPIANO,

Director Pianificazione Territoriale e Trasporti della Provincia di Bologna

Alessandro Delpiano graduated in Civil Engineering and since the beginning his career was focused on territorial and urban planning as external expert for Provinces and Municipalities. Currently he is the Director of the Territorial planning and transport Department of the Province of Bologna and he has been in charge of the setting up of the Territorial Plan of coordination for the Province, considered one of the more innovative tools for territorial protection at European level. He has been visiting professor at Italian and foreign universities. He has been member of the National Council of the Italian Institute of Urban Planning.

The Territorial Agreement for the Airport signed between the Airport Operator, Regional and Local Authorities, planned the green belt setting up for the Bologna Airport development.

By creating a green belt near the airports in the northern areas, the involved actors aim at compensating airport emissions by absorbing CO₂ through vegetation and soil, reducing air pollution, improving the local landscape, supporting the local ecological network and to enhance the territorial ecological functionality



City of Leipzig

ACHIM LOHSE

**Project manager Cluster Logistics
City of Leipzig, Office for economic development**

Achim worked between 1989 and 1994: as an apprentice industrial manager, SIEMENS AG/Frankfurt. Between 1994-1999 with Town- & Regional planning as a graduate engineer, TU Berlin and from 1999 until now for the City of Leipzig, Office for economic development, project manager for Planning, Traffic & Logistics.

In his presentation Achim will look at the additional activities in the dAIR Project, with which the City of Leipzig will try to reduce the CO₂-emissions in two ways: 1. Public transport: With the new S-Train-System we have a good infrastructure and a better service between the airport and the city. Now the aim is to find more users for this service. 2. Individual mobility: With the first electronic Taxi Service we try to install a CO₂-reduced service- in the best case with the locally produced car BMW i3.

The audience will learn about the installation and experience from innovative mobility solutions. What works and where are the problems.



HELENE KARLQVIST,
Environment Controller at Swedavia
Arlanda Airport

Helene Karlqvist has a Master of Science in Mechanical and Production Engineering, specializing in Total Quality Management and methodology. Before joining the dAIR project in April 2014 Helene worked as a Quality Coordinator at Swedavia Arlanda Safety. There she was responsible for developing and maintaining Swedavia Arlanda's Quality System, improvement of processes and contributed to the development of Swedavia's Management System. She has several years of experience in project managing and a background in the Telecom and Radio Access business.

Swedavia Arlanda will share positive experiences from the D-AIR project and the value of working together with such a global and important issue. Swedavia Arlanda's good practice Renewable fuels and ECO-vehicles can be implemented in other airport regions and in different sectors.

The audience will get to know how educating and inspiring the D-AIR partnership has been and will also learn about Swedavia Arlanda's good practice Renewable fuels and ECO-vehicles within airport operations.



EMMANUELLE MAIRE,
Head of Unit Internal Market and
Airports, European Commission

Emmanuelle Maire works at the European Commission in Brussels. She currently heads the team in charge of Internal Market and Airports policy in the Directorate-General for Mobility and Transport, one of whose principal tasks is economic regulation in the shape of European legislation on internal market, CRS, insurance, airport charges, slot allocation and ground handling at European airports.

She joined the European Commission as a civil servant in 2001 to work in the Directorate for Energy and Transport in Brussels. She first worked in the field of state aid, preparing the European Commission's decisions on the permissibility of state aid to airlines (2001-2004).

Her presentation will outline the main areas of EU policy relating to aviation and the environment and will focus on the comprehensive approach to ensuring that the aviation sector in Europe is able to continue to grow and prosper whilst safeguarding the environment.



TORBORG CHETKOVICH
Swedavia Group CEO

Torborg has over 20 years of experience from leading positions within the transport sector. During these years her main focus has been to increase profitability as well as passenger satisfaction.

Between 2003 and 2006 she acted as Transport Director at Veolia, Sweden's largest passenger transportation company. She served as Deputy CEO at Veolia Transport Sweden before she took position as Managing Director for MTR Scandinavia. Since 2010 Mrs. Chetkovich is Group CEO at Swedavia, operating eleven climate friendly airports across Sweden.

In 2010 Swedavia set a clear target for its ten airports in Sweden. By 2020 CO₂-emissions from the airport's operation should be phased out completely. Now, investments are underway and soon biogas fuelled ground vehicles will replace present ones. The presentation addresses the need of setting challenging targets in order to reach beyond what is perceived as realistic.

The audience will learn how a company can prioritize and organize itself in order to reach strategic goals within sustainability concerns as well as the need for further action in order to make projected growth within the industry possible.



EindhovenAirport 

JOOST MEIJS
CEO, Eindhoven Airport

Joost Meijs studied at the Faculty of Economics and Business of the University of Groningen.

Since 2006 Meijs is employed at Eindhoven Airport. He started as Director of Commercial Services & PR and was also a member of the management team. In April 2008, he joined the Board in the position of Deputy Director. As of October 2008 Joost Meijs holds the position of Managing Director Eindhoven Airport.

Within the airline industry, he holds in addition to his position of General Director of Eindhoven Airport, a few additional functions. He is the President of the Dutch Association of Airports (NVL) and Member of the Board of Monitoring of Stichting Airport Coordination Netherlands (SACN).

He will speak about the ways in which a sustainability plan contribute to economic growth and how to include stakeholders into airport environmental and sustainable growth policies.



NAZARENO VENTOLA
Managing Director, Aeroporto G. Marconi di Bologna

Nazareno Ventola joined Aeroporto G. Marconi di Bologna in January 2000 from previous experiences in the energy and consultancy industries. As Analysis & Planning Manager he helped building strategic planning, business development and benchmarking practices within the company. In 2002 he became Planning & Control Director, with responsibilities on the corporate planning and management control process and on economic regulation and in 2011 he became Strategy and Corporate Performance Management Director, being responsible for coordination and promotion of the "strategic conversation" within the company and focusing on monitoring corporate performance and strategic business development. Since May 2013 he is Managing Director of Aeroporto G. Marconi di Bologna. Nazareno Ventola holds a cum laude MSc degree in Chemical Engineering; he's currently ACI Europe Board Member.

The audience will learn about Bologna Airport's approach to managing the environment in a proactive way, embedding environmental initiatives in the company's business strategy



MORGAN FOULKES
Director of Policy, ACI Europe

Morgan Foulkes became Deputy Director General of the European Region of Airports Council International (ACI EUROPE) in January 2013. Morgan first joined ACI EUROPE in May 2007 as Director of Policy. In his current role, he leads the team of 5 policy managers and 1 research analyst, covering the full range of topics where EU regulation meets airports operations and wider air transport issues.

Morgan previously worked at UPS where he was EU Affairs Director with the Brussels-based Corporate Public Affairs Office of UPS, with responsibility for EU transport policy, international aviation and social affairs. Before that, Morgan was at the Bank of New York in Brussels and previously a trainee with the European Commission, Directorate General for Transport, Air Transport Policy Unit.

Morgan holds a Diploma in Air and Space Law from the Institute of Air & Space Law at McGill University. During his time at UPS, Morgan chaired the Transport and Energy Committee, of AMCHAM EU in Brussels and was also Member of the Board and Treasurer of the European Express Association (EEA).



LAURENCE ROUIL

**Head of the environmental modelling and decision making department, INERIS
- member of ACNUSA**

Laurence Rouil is the head of the “Environmental modelling and decision making” department of the Chronic risks division at INERIS. She received her Ph.D in 1995 in the field of applied mathematics. Her main area of experience is air quality modelling. Since 15 years she has developed skill and competence being the leader of research activities closely linked to operational applications. The PREV/AIR system is one of the examples of such projects that she has developed with her team, 10 years ago and in cooperation with other research partners, to answer to policy makers expectations taking advantage of the current know-how in the field of air pollution. She participates actively to the air quality monitoring strategy in France providing technical expertise to the Ministry in charge of the Environment. She is mandated by the Ministry as national head of delegation or competent authority in several bodies: the EMEP steering body, the FAIRMODE initiative. She is the leader of the task force on measurement and modelling within the CLRTAP. She has been involved in European research projects which developed in this domain for a long time.



SERGI ALEGRE CALERO

**Vice Mayor, El Prat de Llobregat and
President, Airport Regions Conference**

Sergi Alegre Calero is the Vice-Mayor of El Prat de Llobregat in Spain, where he is in charge of spatial planning and of environmental issues. The Barcelona El Prat airport is one of the fastest growing European airports, and Mr. Alegre Calero has been responsible for accommodating the needs and constraints of a fast growing business. Mr. Alegre Calero has been serving on the ARC Executive Committee since 2002. He became the ARC president in 2011.

Mr. Alegre will speak about a new bus line for logistic areas of the airport (in general for low density zones) with an ecological and economic sustainability approach. The audience will learn about managing such an issue without a big investment.



MILOŠ PETERA

Governor, Central Bohemian Region

Miloš Petera is a Czech politician, he is also a Member of the Chamber of Deputies, the Governor of the Central Bohemian Region (formerly the years 2008 to 2014 Deputy Governor for the environment and agriculture), also the mayor of the town of Nymburk, and a member of the Social Democrat party.

MAKERS



amadeus

SVEND LEIRVAAG

VP Industry Affairs, Amadeus IT Group

Svend O. Leirvaag is a graduate of Pacific Lutheran University (USA), and holds a masters degree from the Norwegian School of Management. Starting his career with Scandinavian Airlines as a management trainee in 1986, Svend was recruited to Amadeus in 1988, and held numerous positions during the early years of the GDS industry.

Svend was market manager for the Nordic countries, establishing the new, commercial relationships with the marketing companies there, and was central in establishing Amadeus' office in Belgium. As Customer Services manager he was responsible for setting up a common structure for training, user documentation, and help desk among the thirteen different partner carriers, before moving from Madrid to Sophia Antipolis to become Product Manager for Distributed Software.



Keolis

JEAN-OLIVIER EHKIRCH

Directeur de Sector, Keolis

DELPHINE PIQUEMAL-LENGLÉ
Responsable Mobilité, Keolis

Keolis is one of Europe's leading public transport operators, established in 15 countries on four continents.

The group offers a full range of transport solutions to meet the needs of local authorities and passengers and constantly strives to offer its clients mobility choices in tune with the priorities of each geographical region.

The group deploys modern, efficient and sustainable transport systems thanks to a common culture shared throughout the company and associating innovation with a comprehensive understanding of networks, lifestyle patterns and passenger behaviour.

Fileo is the operator's bus on demand service in the Paris Charles de Gaulle Airport area, with up to a million users annually. It is a service that is aimed at reducing the amount of cars on the road, by facilitating public transport on demand at all hours of the day. It helps reduce 10.000 tons of CO2 annually.



GARA

The Global AirRail Alliance

MILDA MANOMAITYTE

Director, Global Air Rail Alliance

Milda has some 10 years experience in publishing, event management and marketing, having worked with the international transport & logistics magazine JURA MOPE SEA, transport awards "Anatolius" and "Windrose", environmental shipping and ports publication and international conference GreenPort, as well as Danube Summit and events for Container Owners Association.

The Global AirRail Alliance (GARA) is an international organisation dedicated to air-rail intermodality.

GARA joins rail operators, airports, airlines and suppliers from around the world who work on creating a seamless travel experience between the air and rail.

With an international publication airrail NEWS, professional conferences and the Global AirRail Awards, GARA creates a platform for air and rail industries to meet, share their experiences and explore opportunities for improved passenger experience on multimodal travel.

SPEAKERS



LEA BODOSSIAN

Secretary General, Airport Regions Conference - MODERATOR

Léa Bodossian has been ARC Secretary General since January 2011. Before that, she has spent a significant part of her career dealing with aviation issues, especially in the European Aviation Safety Agency and in the European Commission.

Léa also ran regional representations in Brussels in the early 2000's. By training, she is a spatial planner and a researcher with a specialization on economic development nearby airports. She holds Masters degrees in Spatial planning, Political Sciences and European Affairs. The Secretary General is the general administrator of the ARC, and is based in Brussels.

MODERATOR

ABOUT THE PROJECT



dAIR is an EU funded project where local governments together with airport operators work on converting airports into ecological and sustainable transport hubs, helping reduce CO₂ emissions. The project spanned over a time-frame of three years of activities.

Throughout the project two main aspects have been in focus: airport operator activities and surface accessibility. The project paid special attention to the involvement of business and R&D communities in creating well connected sustainable airports.

At and around an airport, there have been identified three main sources of carbon emissions:

1. The aircraft
2. The airport operations
3. Surface access to and from the airport



dAIR looked at how the carbon from surface access and airport operations can be reduced. These two together account for about half of the carbon footprint. Through study visits and workshops, as well as stakeholder forums, the 14 member organizations were able to exchange experience and see what reduction solutions are being used and have worked at other airports and how they could be applied to their own.

The importance of this project cannot be overstated at a time when airports in Europe find it hard to expand because their environmental footprint is being increasingly scrutinized by numerous authorities as well as the persons living in the vicinity. However, if there is willingness

to reduce the carbon around the airport, the neighboring communities will begin accepting the airport as a necessary catalyst for economic development.

So far the results have been positive and ideas are surfacing on how to minimize the effect of the airport on the environment. The impact of geographical locations is being taken into consideration, also the necessity of having economically viable projects also influence the possibilities for successfully engaging stakeholders in working for CO₂ reduction.

Some of the concrete ideas that have been discussed in dAIR include hybrid buses to the airport, electric vehicles at the airport, better and more connected public transport and effective management of emissions from heating and cooling terminals.

The project partner regions of the dAIR project are: City of Eindhoven, Eindhoven Airport N.V., Airport Regions Conference, Communauté d'agglomération Terres de France, Stockholm Public Transport Authority, Stockholm-Arlanda Airport/Swedavia, City of Leipzig, Mitteldeutsche Airport Holding, City of Vienna, Province of Bologna, City of El Prat de Llobregat, Transport Malta, MazoviaVoivodship and Prague Airport Region.





MITTELDEUTSCHE
AIRPORT HOLDING



