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RESEARCH CENTRE FOR TERRITORY TRANSPORTS AND ENVIRONMENT

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RECENT PUBLICATIONS

Breda-Vázquez I, Conceição P, Fernandes R (2009) Partnerships Diversity and Governance Culture: Evidences from Policies for Urban Regeneration in Portugal, *Urban Studies*, 46(10), 2213-2238.

Cardoso R, Breda-Vázquez I (2009) The Institutionalization of Just Decision making: analysing planning practice in Portugal, *Environment & Planning C*, 27(3), 413-432.

Cortesão J, Alves F, Corvacho H, Rhodes M (2009) The Climatic Skin of urban Spaces?, *International Journal for Housing Science and its Applications*, 33(2), 105-115.

Pinho P, Oliveira V (2009) Different approaches in the study of urban form, *Journal of Urbanism*, 2(2), 103-125.

Restivo J, Alves F, Mendonça P (2009) Standard Housing: Economic Concepts and Future Research in Portugal, *International Journal for Housing Science and its Applications*, 33(4), 237-248.

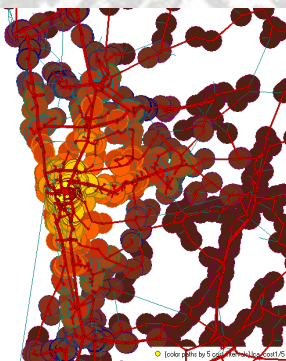
Oliveira V, Pinho P (2009) Evaluation in urban planning: advances and prospects, *Journal of Planning Literature* (forthcoming).

PROPOSALS/RECENT CONTRACTS

EVIDENCE - Re-inventing analysis, design and decision support systems for planning. To begin in 2010. Financial Support by FCT.

IMTT - Calibration of the Demand and Supply of the National Transport Model.

Mobility study for the Tagus South bank Began in April 2009. FEUP/IMTT/2009/02



Auto Travel time isochrones from Porto City Centre, for the AM WeekPeak Scenario

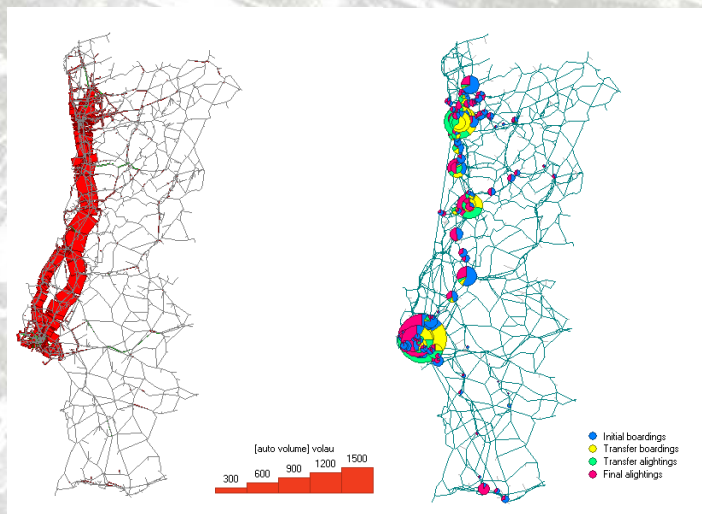
EDITORIAL

Dear Reader,
This newsletter is dedicated to our research unit on Transport Planning and Logistics. Current research projects and recent publications, as well as future wide ranging and ambitious initiatives and events are briefly presented. Most of the research work has been consistently carried out on two main topics running in parallel; urban mobility and air transport. There are obvious links between this unit's work and the current research developed under the umbrella of the other two CITTA's research units. These links are particularly evident in matters crossing urban mobility with urban regeneration, transport policies with urban environmental impacts, and transport systems with land use models. CITTA's overall success depends not only on the dynamism and output quality of their research groups but also on the ability to preserve the autonomy of these groups, fostering, at the same time, a balanced and fruitful cooperation among them. In this respect, it is essential to keep common patterns of qualitative and quantitative development.

In this month of October our Faculty is holding the 45th ISOCARP Congress. This year, this old-established and prestigious international congress of urban planners is going to focus on the challenge of planning and management Low Carbon Cities. As we all know it is a huge challenge our cities are faced with and cannot escape from, if we are truly committed to preserve the fragile ecological equilibrium of our planet.

At the time of writing the congress already reached a record number of delegates and participants. Before, an unusually high number of abstracts had been submitted. Unfortunately, a significant number of these abstracts had to be rejected given the pre-established format of the conference. The theme of the congress is indeed timely, and not even the worldwide economic crisis seems strong enough to withdraw it from the current international agenda. Indeed, many think that recovery has to be based on the new economic opportunities open by the environmental debate, particularly on climate change, in which low carbon cities play a central and crucial role.

Paulo Pinho



Volume Auto, by hour, for the AM WeekPeak Scenario
Initial/Transfer Boardings and Alightings at Public Transport Stops (AM WeekPeak Scenario)

COMMUNICATIONS IN CONGRESSES

Rocha C, Carvalho A (2009) The true cost of road traffic noise in Portugal, *Inter Noise 2009*, 23-26 August, Ottawa.

Oliveira C, Breda-Vázquez I (2009) Urban policies and creativity: can social innovation promote territorial cohesion in Porto Metropolitan Area?, *23rd Congress of the Association of European Schools of Planning*, 15-18 July, Liverpool.

Oliveira C, Breda-Vázquez I (2009) Spatial planning and governance landscapes at inter-municipal level: a cross-national comparison, *23rd Congress of the Association of European Schools of Planning*, 15-18 July, Liverpool.

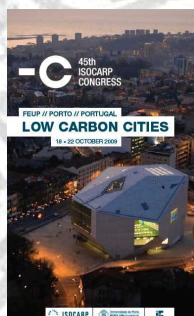
Rebello E (2009) Immigrants' settlement patterns: a methodological assessment?, *23rd Congress of the Association of European Schools of Planning*, 15-18 July, Liverpool.

Silva C, Oliveira V, Pinho P (2009) Towards a deeper understanding of how cities work: bridging axial analysis with accessibility measures, *23rd Congress of the Association of European Schools of Planning*, 15-18 July, Liverpool.

De Bok M, Abrantes P, Costa A, Palma V (2009) Assessment of the behavioural responses in the Portuguese National Transport Model, *1st transatlantic NECTAR Conference*, 18-20 June, Arlington.

Melo S, Costa A (2009) Assessment of urban goods distribution towards mobility and sustainability - an empirical overview, *1st transatlantic NECTAR Conference*, 18-20 June, Arlington.

SCIENTIFIC MEETINGS ORGANIZATION



45th ISOCARP International Congress, 18-22 October 2009, Porto.

Workshop on Sustainable City Distribution 19-20 November 2009, Porto.

7th Annual Meeting of the Portuguese Transports Study Group, 4-5 January 2010, Nazaré.

14th Air Transport Research Society Conference, 6-9 July 2010, Porto.

RESEARCH UNIT 3

The research unit "Transportation Planning and Logistics" has been focusing on urban mobility, mainly on the appraisal of public transport networks, pedestrian access, city logistics organization and on air transport regulation.

The objective of development of knowledge on urban mobility has been achieved through various types of projects relying on strong competencies on transport modeling, with topics covering public transport network design, pedestrian paths analysis and organization of city logistics. The focus has been on developing appraisal methodologies with appropriate indicators to evaluate accessibility, efficiency, effectiveness and environmental impacts.

On the air transport topic the objective has been to understand the evolution of the air transport market. The focus has been on air networks, network of airports, ground handling and pricing. Moreover, additionally to these core subjects the unit has also developed research on the interaction between noise, transports and land use.

Some of the projects correspond to PhD research (city logistics, handling operations, airport regulation and noise) and others are projects funded by FCT (pedestrian and efficiency) and IMTT (network design and calibration).

The unit has tried to establish partnerships both at a national and an international level, with the scientific community as well as with some major transport related stakeholders.

At a national level it is worth to mention the effort that the LT has done gathering most of the transport research groups in Portugal in an annual meeting (GET) already for seven years as well as its contribution to the development of academic/scientific solutions to reply to the society demands. As an example of LT's active role in creating added value to the transports arena in Portugal, LT is now calibrating the Portuguese National Transport Model, which results were summarily presented on the 1st TransAtlantic NECTAR Conference by De Bok et al. (2009) and on the 2nd CITTA Annual Conference on Planning Research by Costa et al. (2009). LT recent research on air transport is also valuable both in academic and practical terms: a good example of that is the analysis of the handling delays in Lisbon airport (derived from Ayça Kolukisa PhD thesis) and of the airlines regulation in the new market context (Alda Mendes PhD thesis). The same strategy, to contribute to the knowledge in academic and societal terms is also valid to the topics of urban goods distribution and noise: LT has evaluated the scope of urban goods distribution solutions applied to a Portuguese medium size city, considering public and private stakeholders intervention as well as the sustainability of those initiatives. On the noise topic it has focused the research on the impacts and costs of traffic noise. Both of these topics work derive from PhD theses and some of the final conclusions were already presented by Melo and Costa (2009) and Rocha and Carvalho (2009) on the 1st Transatlantic NECTAR Conference, Arlington (EUA), June 2009 and on the Inter Noise 2009, Ottawa (Canada), August 2009, respectively.

At the international level, it is worth to mention that LT is involved on the MIT-Portugal Programme, participating in their research activities and common projects, namely AIRNETS. AIRNETS analyses the propagation of delays along the air transport network and along the respective airlines. LT is also represented on the NECTAR Coordinating Committee, which is a result of the unit's effort to be associated with international research activities. Under the umbrella of these two main subjects, city logistics and air transports, LT is now organizing an international workshop on Sustainable City Distribution to be held on 19-20 November 2009 and the most prestigious international conference on air transport research: 14th Air Transport Research Society Conference to be held also at FEUP on the 6-9 July 2010.

Álvaro Costa