

C

RESEARCH CENTRE FOR
TERRITORY, TRANSPORTS
AND ENVIRONMENT



2
JULY
2021

Citta
FEUP UNIVERSITY OF PORTO
FCTUC UNIVERSITY OF COIMBRA

PLANNING FOR HUMAN SCALE CITIES

CITTA 13TH ANNUAL CONFERENCE ON PLANNING RESEARCH

Organizado por
COMPETE
2020

PORTUGAL
2020

UNIO EUROPEA
Fundo Europeu
de Desenvolvimento Regional

FCT
Fundação para a Ciência e a Tecnologia

U. PORTO
FEUP FACULDADE DE ENGENHARIA
UNIVERSIDADE DO PORTO

universidade
de aveiro

2nd JULY - All times are in Western European Summer Time (WEST, UTC+1)

9:00 – 9:30 | WELCOME SESSION

RUI CALÇADA | DIRECTOR OF DEPARTMENT OF CIVIL ENGINEERING

PAULO PINHO | DIRECTOR OF CITTA

CECÍLIA SILVA | BOOST PROJECT COORDINATOR

9:30 – 10:30 | KEYNOTE SESSION

MARCO TE BRÖMMELSTROET, UNIVERSITY OF AMSTERDAM

Mobility's tunnel vision: Cycling and the 15 minute city as radical new narrative

Moderation: Paulo Pinho

10:30 – 11:20 | KEYNOTE SESSION

CECÍLIA SILVA | BOOST PROJECT COORDINATOR

BOOST TEAM

The Boost Project: Boosting Starter Cycling Cities

Moderation: Paulo Pinho

11:20 – 11:30 | BREAK

11:30 – 13:15 | PARALLEL SESSIONS 1

Track 1: Planning for the Bicycle: Supporting Human Scale Cities

Chair: Frederico Moura e Sá

The role of bike sharing during the coronavirus pandemic: an analysis of the mobility patterns and perceptions of Lisbon's GIRA users

| João Filipe Teixeira, Cecília Silva, Frederico Moura e Sá

Cycling culture, a collective endeavour. Evidence from Bologna in Italy

| Martina Massari

Social impacts of cargo bike-sharing as a last-mile connector to urban e-commerce infrastructure

| David Duran-Rodas, Aaron Nichols, Benjamin Büttner

Bicycle mobility: planners' attitudes under the influences of institutional functioning

| Cauê Rios

Policy recommendations for a transition to active commuting in a human scale city

| Catarina Cadima, João Teixeira, Paulo Pinho

Track 2: The Dynamics of Lively Cities: Planning for the Human Scale

Chair: Anabela Ribeiro

Informal settlements, Urban quality indicators, Urbanization and Mozambique

| Dorival Fijamo, Anabela Ribeiro

Tactical interventions to promote micromobility in suburban areas: a comparative analysis of existing methods

| Freddy Nogueira, Filipe Moura, Ana Sá

Exploring the relationships between regional and local accessibility

| Cecília Silva, Marcelo Altieri

The new human scale planning of the Barcelona's Superblocks. The case of Poblenou

| Federico Camerin

Designing Cities for Sustainable Mobility Mindsets

| Ana Cláudia Proença, Cecília Silva, José Palma-Oliveira

Track 3: Walking the path: Urban Design in Human Scale Cities

Chair: Fernando Brandão Alves

Re-Route Project

| Amanda Brasil Cavalcante, João Gabriel Michetti Ferreira

Evaluation of pedestrian capability in five commercial streets of Karaj (a city in Iran)

| Faezeh Behnamifard, Mohammad Amerian

Chain of factors influencing modal share for pedestrian mobility

| Cristina López, Imre Keseru, Cathy Macharis

Analysis of Temporary Pedestrian Areas: the case of Avenida Rodrigues de Freitas in the city of Porto

| Manuel Caldeira, Renata Teixeira, Thales Rocha

Considerations about the pedestrian's role on multimodality and intermodality in contemporary urban research: a review of studies between 2011 and 2021

| Christiano Toralles, Anabela Ribeiro

Track 4: The Spatiality of Urban Settlements: The Morphology of Human Scale Cities

Chair: Sara Santos Cruz

Fringe belts and informality: a new paradigm for spatial planning in the global South

| Silvia Spolaor, Vítor Oliveira

Transformative Planning and the Diffuse Urbanization Territory: Aveleda's Parish Case, Vila do Conde

| Daniela Magalhães, Miguel Branco-Teixeira

A "road" is not a "street"

| Cláudia Monteiro, Paulo Pinho

Generative Resilience Framework to Analyse the Changing Process of Urban Systems

| Ana Martins, Sara Santos Cruz

Towards a Quantitative Approach to Morphological Regions in GIS

| Mariana Diniz, Miguel Serra

Track 5: Transformative Planning and Well-being: Human Scale Governance Arrangements

Chair: Sílvia Sousa

A Systematic Review for Urban Regeneration Effects Analysis in Urban Cores

| Michela Tiboni, Francesco Botticini, Sílvia Sousa, Natacha Jesus Silva

Urban Heritage: a transformative concept for the continuous city

| Kasper Albrektsen

Evaluation of land regularization policy: adjusting the lens through complexity

| Tatiana Brandimiller, Paulo Conceição

Heritage as a framework for governance and decision-making: components and guiding principles

| Isabel Coimbra, Daniel Sampaio Tavares, Mariana Pinto Leitão Pereira, Fernando Brandão Alves

Exploring how planning actors interpret disruptive future visions for planning land use and transport at human scale

| Julio A. Soria-Lara, Amor Ariza-Álvarez, Francisco Aguilera-Benavente, Cristina López

Track 6: Transport Engineering and Planning: Human Scale Mobility Systems

Chair: João Bigotte

Intergovernmental cooperation as a tool for integrated regional planning? Assessing the Flemish mobility regions reform

| Pieterjan Schraepen, Filip De Rynck, Joris Voets

Assessing the impact of the hub-and-spoke design on shared autonomous vehicles' regional systems

| Anne S. Patricio, Gonçalo Santos, António Pais Antunes

The role of e-scooter sharing systems in urban mobility: Insights from Portugal

| Joao F. Bigotte, Filipa Ferrao

Design and assessment of an interurban shared autonomous vehicle system using flow optimization

| Gonçalo Santos, Gonçalo Correia

13:15 – 14:30 | LUNCH BREAK

13:45 – 14:30 | SERIOUS GAMES INTERACTIVE SESSION

When citizens play with complexity: a fast serious planning game

14:30 – 16:15 | PARALLEL SESSIONS 2

Track 1: Planning for the Bicycle: Supporting Human Scale Cities

Chair: José Carlos Mota

Bicycle accessibility and Social inclusion: assessing the equity impacts of Lisbon's Bicycle Master Plan
| Isabel Cunha, Cecília Silva

Communication Strategies of Bike Sharing Systems in Two Portuguese Cities: Agostinhas - Torres Vedras
Urban Bicycles and Gira- Lisbon Shared Bicycles
| José Ramalho, Célia Quico, Manuel Damásio

Design contributions to community and local authorities' involvement in promoting the use of bicycles in
school journeys – the Rota Segura para Escola project in Aveiro
| Joana Ivónia, Cláudia Albino

Is there equity in bicycle parking distribution? The case of Bogotá, Colombia
| Armando Velez, Juliana Gomez, Mauricio Orozco

Track 2: The Dynamics of Lively Cities: Planning for the Human Scale

Chair: Paulo Pinho

Right-sizing shrinking cities: toward new planning opportunities? The case of social housing in France
| Fanny Augis

Urban agriculture initiatives, self-sufficiency, and implementation challenges: critical insights from Lisbon
| António Ferreira, Miguel Lopes, Ana Mélice Dias

Understanding urban carrying capacity: contemporary perspectives
| Ana R. Sousa, Sara Santos Cruz

Ethics, Ecology and Evolution: The Birth of a New City
| Siepan R. Khalil

Human Scale Cities and Children's Independent Mobility: International practices and the case of Greece
| Garyfallia Katsavounidou, Elpiniki Voutsas

Track 4: The Spatiality of Urban Settlements: The Morphology of Human Scale Cities

Chair: Miguel Serra

Morphological regions in Istanbul's historical urban landscape
| Muzaffer Ali Yaygin, Vitor Oliveira

On the spatial expression of the multi-coded interrelationship of urban open spaces and their
neighborhood for a resilient post carbon city
| Dr. Carolin Mees

The Impact of an Urban Form Shaped by Topography on Mobility Patterns: designing a tool for measuring
competitiveness between car and pedestrian
| Nuno Gomes, Vítor Oliveira, Álvaro Costa

A site selection methodology for implementing dynamic road space allocation
| Gabriel Valença, Filipe Moura, Ana Sá

Track 5: Transformative Planning and Well-being: Human Scale Governance Arrangements

Chair: Paulo Conceição

COVID-19: urban planning interventions towards risk and population vulnerability

| Paula Macedo, Emília Malcata Rebelo

Ongoing practices of serious planning games: two examples in teaching and planning practice

| Micael Sousa, António Pais Antunes

DAMA – Decision-making, assessment & monitoring, and adjustment of contemporary spatial policies: exogenous challenges

| Tatiana Brandimiller, Isabel Coimbra, Tatiane Serrano, Ana Sousa

Should 30% of a city population be excluded?

| João Gonçalves

Spatial dimensions of everyday life from a gender perspective - Porto as a case study

| Jéssica Machado

Track 6: Transport Engineering and Planning: Human Scale Mobility Systems

Chair: António Pais Antunes

Transportation system and tourism development in Xai-Xai municipality, Mozambique

| Pelágio Maxilhaieie, Anabela Ribeiro

Segmenting the market: assessing how different commuters perceive transport competition

| Marcelo Altieri

Building back better: The COVID-19 pandemic and transport policy implications for a developing megacity

| Marc Hasselwander, Tiago Tamagusko, Joao F. Bigotte, Adelino Ferreira, Alvin Mejia, and Emma J. S. Ferranti

Territorial Analysis of the Public Transport Supply. Study of the city of Recife

| Cláudia Alcoforado, Anabela Ribeiro

An analysis of bus dwell times in Urmia (Iran)

| Kiana Sanajou, Antonio Pais Antunes

16:15 – 16:30 | BREAK

16:30 – 17:30 | KEYNOTE SESSION

CARLOS MORENO, UNIVERSITY OF PARIS 1 PANTHÉON - SORBONNE

15 minute cities

Moderation: José Carlos Mota

17:30 – 18:00 | CLOSING SESSION

ANTÓNIO PAIS ANTUNES | VICE-DIRECTOR OF CITTA

JOSÉ CARLOS MOTA | BOOST PROJECT CO-COORDINATOR