

## AREA: PORTUGAL

### National organization:

Continuum Naturale  
University of Évora/Management Department  
Largo dos Colegiais, 2  
7002- 554 Évora

### STRUCTURE AND MISSION:

*Continuum Naturale* was founded in order to coordinate and develop technical, scientific and entrepreneurial efforts oriented toward an improvement of nature integration in urban and rural environments; to encourage, coordinate and facilitate the investigation, teaching, advice and diffusion of all aspects related to the improvement of nature integration in urban and rural areas; and to promote the development and improvement of techniques and practices used in the improvement of nature integration in urban and rural areas.

#### Board of Directors

- Chair: Maria Raquel Lucas (Management)
- Co-chair: Isabel Joaquina Ramos (Landscape, Environment and Planning)
- Treasurer: Rui Manuel Fragoso (Management)
- Ordinary Member1: Maria da Conceição Freire (Landscape and Planning)
- Ordinary Member2: Maria da Saudade Baltazar (Sociology)

There is also a General-Assembly and an Audit Committee, both composed of three members.

### ORGANIZATIONS STRUCTURE:

Non-profit, non-government organization

### CONTACT:

Maria Raquel Lucas  
mrlucas@uevora.pt

### NUMBER OF MEMBERS:

At the moment, there are no formal members. Nevertheless, there are several potential individual and institutional members.

### CITY PROGRAMS:

- Continuum Naturale
- Urban Ecological Reserve
- National Ecological Reserve and National Agriculture Reserve
- Urban green corridor
- Urban farming

### FURTHER ACTIVITIES:

- Partnership with the municipality of Évora, concerning the development of a program for urban agriculture/farming
- Diagnosis of Portuguese municipal programs related to the mission and objectives of the association
- Debate, promotion and spreading of best practices related to the mission and objectives of the association - oriented toward the educational community and society

### ACADEMIC RESEARCH INSTITUTIONS:

- CEAP - Centro de Estudos de Arquitectura Paisagista - "Prof. Caldeira Cabral" (Center of Landscape Architecture Studies - "Prof. Caldeira Cabral"), Agronomy Institute, Lisbon University
- CEFAGE - Centro de Estudos e Formação

Avançada em Gestão e Economia (Center for Advanced Studies in Management and Economics), University of Évora, Portugal

- CHAIA – Centro de História de Arte e Investigação Artística (Centre for Art History and Artistic Research), University of Évora, Portugal

- CICS.NOVA - Centro Interdisciplinar de Ciências Sociais (Interdisciplinary Center for Social Sciences), New University of Lisbon, Portugal

- ICAAM – Instituto de Ciências Agrárias e Ambientais Mediterrânicas, University of Évora, Portugal

- CMADE – Centre of Materials and Building Technologies of University of Beira Interior-Faculty of Engineering with collaboration of Superior School of Agronomy of Polytechnic Institute of Castelo Branco (IPCB-ESA).

#### SELECTED NATIONAL SCIENTIFIC PUBLICATION:

- Cabral, F. C. (1993). Fundamentos da arquitectura paisagista. Lisboa: Instituto de Conservação da Natureza.

- Cardoso, I. (2013). Paisagem Património. CHAIA/UE: Dafne Editora.

- DGOTDU (2004). Contributos para a Identificação e Caracterização da Paisagem em Portugal Continental. DGOTDU, Lisboa.

- DGOTDU (2011). A Paisagem na revisão dos PDM-Orientações para a implementação da Convenção Europeia da Paisagem no âmbito municipal. DGOTDU, Lisboa.

- Domingues, A. (2011). Vida no Campo. Porto: Dafne Editora.

- Freire, M. & Ramos, I. (2013). Shocking ShoppingScapes. In International Conference *ShoppingScapes*, Universidade Lusófona, Lisboa. Portugal, 28-30 maio, 2013. (no prelo)

- Magalhães, M. R. (2001). A arquitectura paisagista. Morfologia e complexidade. Lisboa: Estampa.

- Magalhães, M. R., 2007. Estrutura Ecológica da Paisagem. Conceitos e Delimitação - Escalas Regional e Municipal. Centro de Estudos de Arquitectura Paisagista – “Prof. Caldeira Cabral”.



Instituto Superior de Agronomia – Universidade Técnica de Lisboa. ISAPress.

- Magalhães, M. R. (2010). Environmental planning and urban agriculture. The circle of life. European Union. PS Public Service Review (20): 598.

- Manso, M. & J. C. Gomes (2013). Desenvolvimento de um sistema modular de superfícies ajardinadas para a construção e reabilitação de edifícios, II Fórum Engenharia Civil – UTAD.

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Green Roof  
Source:  
Greenroofs.  
com. Photo  
Courtesy of  
Vitaroofs  
International  
Inc.

- Manso, M. (2012). Modular system design for vegetated surfaces with alkaline, International Workshop on Environment and Alternative Energy, Greenbelt, Maryland.
- Pinto, R. (2007). Hortas urbanas: Espaços para o desenvolvimento sustentável de Braga Dissertação de Mestrado em Engenharia Municipal, área de especialização em Planeamento Urbanístico, Universidade do Minho.
- Ramos, I. & Freire, M. (2013). Diversidade e adversidade urbana, uma oportunidade de retorno da atividade agrícola em meio urbano. O caso estudo de Évora. IX Congresso da Geografia Portuguesa Geografia: Espaço, Natureza, Sociedade e Ciência, Évora, 28 e 30 de novembro de 2013.
- Telles, G. R. (1997). Plano verde de Lisboa. Componente do Plano Director Municipal. Lisboa: Edições Colibri.
- Telles, G. R. (2002). A perda da complexidade da paisagem portuguesa. *Jornal Arquitectos*, 206 (Maio/Junho), 73-78.
- Telles, G. R. (1996) Um novo conceito de cidade: a paisagem global, Contemporânea Editora, Conferências de Matosinhos – Câmara Municipal de Matosinhos, Matosinhos, Portugal, pp. 7-20.

### **FUTURE TRENDS:**

- Strengthen the links between educational questions and nature
- Reinforcement of ethical questions related to nature and culture
- Emphasize landscape values
- Landscape urbanism
- Urban farming
- Climate change
- Collaborative consumption

### **SOME NATIONAL KEY PERSONS OF GREEN INFRASTRUCTURE:**

- Professor Gonçalo Ribeiro Telles
- Professor Alexandre Cancela d'Abreu
- Professora Manuela Raposo Magalhães
- Professor Álvaro Domingues
- Professor Teresa Pinto Correia
- Professor Carlos Souto Cruz
- Professor Orlando Ribeiro
- Professor João Castro Gomes
- Professora Fernanda Delgado

### **GROWTH RATE RELATION BETWEEN EXTENSIVE /ROOF GARDENS/PODIUM DECKS AND SOME WORDS ABOUT LIVING WALLS AND INDOOR GREENING MARKET:**

Over the last few decades, Portugal has seen the development of technical, scientific and innovative efforts oriented toward improving nature integration into urban and rural areas. Annually, there is an increasing number of municipalities and non-governmental agencies and institutions involved in the research and teaching of urban agriculture. Consequently, Portugal has experienced an increase in agricultural areas in urban spaces and, simultaneously, growth of a variety of incentives (pilot projects, educational programs and trainings, etc.).

### **RECOMMENDED NATIONAL WEBPAGES:**

- <http://naturlink.sapo.pt/>
- <http://www.portau.org/>
- <http://coberturasverdes.com/>
- <http://www.icnf.pt>
- <http://www.apep.pt>