

# Women in greening the city: solutions to more self-sufficient and resilient urban communities

Maria Bostenaru Dan<sup>1</sup>, Ira Didenkulova<sup>1</sup>, Gianna Avellis<sup>1</sup>, Magdalini Theodoridou<sup>1</sup>, and Mirela Adriana Anghelache<sup>1</sup>

<sup>1</sup>Affiliation not available

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## Abstract

Due to heavy urbanisation, approaches in greener cities are required. This is addressed by a number of initiatives, including seeing the city as an ecosystem, and the dialogue between economy and ecology. Sustainable and resilient cities mean connection between the city and the landscape, bringing the landscape into the city, for example through nature based solutions such as green walls or through more open spaces which are green, such as urban parks. In this context the landscape quality of the city can be judged. The renewable energy in the city can relate to solar energy of the passive house which can be a house of heavy geomaterials. In this contribution the authors present their approach to sustainable and resilient cities, including the first author's approach to renewable energy and landscape quality. The first author would like to thank the Inclusiveness Target Countries grant scheme for supporting participation in the conference to represent the COST Action TU1401 (<http://www.cost-rely.eu/>).

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Maria Bostenaru Dan (1), Ira Didenkulova (2), Gianna Avellis (3), Magdalini Theodoridou (4), and Mirela Adriana Anghelache (5)

(1) "Ion Mincu" University of Architecture and Urbanism, Faculty of Urbanism, Department of Urban and Landscape Design, Bucharest, Romania (Maria.Bostenaru-Dan@alumni.uni-karlsruhe.de), (2) Tallinn University of Technology, Marine Systems Institute, (3) InnovaPuglia SpA, (4) University of Cyprus, (5) Institute of Geodynamics of the Romanian Academy

Due to heavy urbanisation, approaches in greener cities are required. This is addressed by a number of initiatives, including seeing the city as an ecosystem, and the dialogue between economy and ecology. Sustainable and resilient cities mean connection between the city and the landscape, bringing the landscape into the city, for example through nature based solutions such as green walls or through more open spaces which are green, such as urban parks. In this context the landscape quality of the city can be judged. The renewable energy in the city can relate to solar energy of the passive house which can be a house of heavy geomaterials. The approach to sustainable and resilient cities includes renewable energy and landscape quality. The dimension of gender has been considered in shaping the living space, be it public space or the private space of the house.

## Solar energy in Italy and Romania



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All photos M. Bostenaru

## Hydroenergy in Romania



*The man with golden touch Jókai Mór*  
A mountain-chain, pierced through from base to summit—a gorge four miles in length, walled in by lofty precipices; between their dizzy heights the giant stream of the Old World, the Danube.  
Did the pressure of this mass of water force a passage for itself, or was the rock riven by subterranean fire? Did Neptune or Vulcan, or both together, execute this supernatural work, which the iron-clad hand of man scarce can emulate in these days of competition with divine achievements?

## Wind energy in Benelux



"Look, friend Sancho Panza!" he exclaimed. "Thirty or more monstrous giants present themselves! I mean to engage them all in battle and slay them; for this is righteous warfare. It is serving God to sweep so evil a breed from off the face of the earth!"  
"What giants?" asked Sancho curiously.  
"Those with the long arms," replied Don Quixote.  
"But, your worship," said Sancho, "those are not giants but windmills, and what seem to be their arms are the sails that make the millstones go."