

# 10th Meeting of the SCP/RAC National Focal Points

## Housing and Construction

Author: H. Abaza  
MSEG Expert

presentation by S. Kouvelis  
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Nº	Actions	Proposed regional activities (2021)	Estimated cost (thousand €) (2021)	Progress indicators including baseline (BL) and Target (T) by 2021	Related flagship initiatives	Key Partners
<b>Operational Objective 4.1: Promote innovation and knowledge and the integration of Best Available Technologies (BATs) and Best Environmental Practices (BEPs) that enhance resource efficiency throughout the entire planning and construction process and life cycle of a building</b>						
37	Promote knowledge and innovative approaches that support the adoption of a holistic and integrated approach (integrating social, environmental, and economic dimensions) in housing design and construction, as well as in the surrounding built environment, and the development of sustainable coastal carbon negative cities that drive economic activities and revitalize the economy by opening new opportunities for economic activities and businesses, investments, and employment	<p>Develop a Regional Framework for the adoption of a holistic and integrated approach that ensures the integration of social, environmental, and economic dimensions in housing design and construction as well as in the surrounding built environment (coastal, rural, urban and desert areas), identification of barriers, and the development of sustainable coastal carbon negative cities that drive economic activities</p> <p>Develop and initiate the implementation a set of pilot demonstration projects for implementation at the national level, following an integrated approach that will emphasize adopting innovative approaches to overcome financial risks, using of life cycle cost methodology, adopting a bioclimatic approach to housing design, using of energy efficiency and renewable energy, and involving users throughout the process</p>	<p>200</p> <p>500</p>	<p>Regional Framework approved and in place</p> <p>Number of pilot demonstration projects formulated. BL:0/ T:5</p> <p>Number of Mediterranean countries that have implemented pilot demonstration projects BL:0/T: 5</p>		<p>UN HABITAT, UNECE, UNEP DTIE, UFM, MAP/CPRAC</p> <p>UN HABITAT, UNECE, UNEP DTIE, UFM, MAP/CPRAC</p>

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38	Promote innovation and knowledge through the integration of Best Available Technologies(BATs) and Best Environmental Practices (BEPs) that promote eco-design and the construction of sustainable and affordable housing that caters for the needs of the all social income groups, particularly medium and low income families, and introduce sustainable solutions for slums and downgraded neighbourhoods	Elaborate and disseminate a compendium of BATs and BEPs for eco-design and the construction of sustainable and affordable housing	100	<p>Compilation of BATs and BEPs by the end of 2017</p> <p>Number of dissemination activities of the BATs and BEPs: BL:0 /T:15</p> <p>Percentage of increase of use of BATs on eco design and the construction of sustainable and affordable housing and BEPs. T: 20%</p>		UN HABITAT, UNECE, UNEP DTIE, MAP/CPRAC

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39	Develop, in collaboration with planning, engineering and construction professional bodies, building and urban development codes for the provision of space for pedestrians and cyclers, green roofs, as well as public space and green areas in residential areas for communal use, as means to promote social integration and cohesion, while at the same contributing to a clean, healthy, and productive environment	Design, disseminate and strengthen capacities for adaptation at the national level building and urban development codes appropriate for the Mediterranean coastal areas	100	<p>Number of countries that have implemented capacity building activities to apply the codes: BL: 0 /T: 10</p> <p>Number of countries that have introduced and applied the codes that promote sustainable urban development, housing and construction. T: 5</p>		UN HABITAT, UNECE, UNEP DTIE, WHO, MAP/CPRAC

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40	Promote innovative planning and construction models leading to smart cities that secure sustainable housing easily accessible from and to work place, commercial, social, recreation and cultural services in order to reduce commuting, congestion, emissions, and air and noise pollution	Develop models for green building within a sustainable built environment in different geographic areas and climatic conditions	400	Number of green buildings models introduced and implemented in different geographic areas and climatic conditions in the Mediterranean region. LB:0 /T: 4-6 models	Euro Mediterranean Strategy for sustainable urban development  UfM Guidance Framework for sustainable Euro Mediterranean Cities and Territories	UN HABITAT, UN ECE, UNEP, UFM, DTIEMAP/CPR AC

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<b>Operational objective 4.2: Develop and strengthen the regulatory and legal framework to enhance the contribution of the housing and construction sector to sustainable economic development, social integration and cohesion, and environmental integrity</b>						
41	<p>Develop and encourage regulatory and incentive policies and measures that support: Sustainable coastal urban development and green construction throughout the entire planning and construction process and the life cycle of buildings, for the achievement of a more efficient use of natural resources and the protection of coastal and marine ecosystems; Sustainable practices in housing and construction through the use of local building materials, traditional knowledge, environmental friendly technologies and materials, sustainable and conscious purchasing practices, and sustainable waste management practices such as the recycling, recovery and reuse of construction-related waste, including demolition waste; and Proper maintenance and operational efficiency of the existing housing stock.</p>	<p>Elaborate and disseminate a regional assessment study to review existing regulatory and incentive measures and assess their impacts on the environment and resource efficiency</p> <p>Introduce a regulatory and incentive package in the Mediterranean region that encourages SCP in the housing and construction sector</p> <p>Launch a labelling and certification scheme for green and sustainable housing in the Mediterranean region</p>	350	<p>Number of countries that have introduced a regulatory and incentive package that encourages SCP in the housing and construction sector. BL: 0/ T: 10</p> <p>Number of countries that have adopted a labelling and certification scheme for green and sustainable housing. BL: ? / T: 10</p>	<p>ELIH-Med – Energy Efficiency in Low-Income Housing in the Mediterranean <a href="http://www.elih-med.eu/">http://www.elih-med.eu/</a></p> <p>The Energy Efficiency Directive (EED) 2012/27/UE.</p> <p>The co-generation directive 2004/8/EC (framework to promote and facilitate the installation of cogeneration facilities).</p> <p>Directive 2006/32/EC on energy end-use efficiency and energy services</p> <p>German DGNB certification scheme</p>	<p>UN HABITAT, UNEP (Green Economy) UNECE UNEP MAP/CPRAC</p>

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42	Promote sustainable public procurement (SPP) in the public housing and construction sector, including subcontracting and services	<p>Develop and disseminate SPP guidelines document that sets the standards and procedures, including subcontracting, services, and maintenance of public housing and construction</p> <p>Develop of joint SPP approach (including an assessment system for all building energy renovation projects and measures)</p>	100	<p>Number of countries that have disseminated the SPP guidelines document: BL: 0 / T: 22</p> <p>Percentage of increase of the number of countries that have adopted SPP practices in the public housing and construction sector. T: 25%</p>		UN HABITAT, UNEP DTIE, UFM, UNEP MAP/CPRAC

Nº	Actions	Proposed regional activities (2021)	Estimated cost (thousand €) (2021)	Progress indicators including baseline (BL) and Target (T) by 2021	Related flagship initiatives	Key Partners
43	Introduce efficient monitoring, enforcement and assessment systems that ensure compliance with and adherence to sustainability principles in physical and urban planning and development; green and sustainable building regulations; codes of practice and standards; and the contribution of housing and construction to resource efficiency, SCP, economic development, job creation, improved environment and human welfare	Develop, for adaptation at the national level, a framework for the efficient monitoring, enforcement and assessment system that ensures compliance and adherence to sustainability principles in physical and urban planning and development, green and sustainable building regulations, codes of practice and standards. The framework would also include the creation of a coordination mechanism to coordinate initiatives, programmes, and funding related to green and sustainable housing and construction, as well as the creation of cooperatives to facilitate access to funds to financed sustainable and smart housing and construction	200	<p>A monitoring, enforcement and assessment system framework is set to ensure compliance and adherence to sustainability principles in the sector</p> <p>A mechanism is created to coordinate initiatives, programmes, and funding related to green and sustainable housing and construction</p> <p>Number of new cooperatives created to facilitate access to funds to financed sustainable and smart housing and construction. T: 20</p>	Declaration of Ljubljana calls on public actors to undertake actions in order to promote better renovation in Mediterranean buildings and commits partners of three projects: ELIH-Med, MARIE, and PROFORBIOME D to contribute to creating a new model of multi-level governance for the implementation of policies for energy renovation and renewable energy in buildings; and adopting regional strategies	UN HABITAT, UNECE, UNEP DTIE, UFM, MAP/CPRAC



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<b>Operational Objective 4.3: Sensitize and raise awareness of all stakeholders involved in urban planning, housing and construction, including consumers, professionals of the sectors and institutions and develop capacities for mainstreaming sustainable urban development</b>						
44	Provide an institutional set up that ensures public participation, involvement of relevant stakeholders (including the private sector and civil society), transparency, accountability, collaboration and coordination between various government entities and between the public and private sector - through Public-Private-Partnership (PPP) -, exchange of information on BATs and BPs on sustainable physical and urban development, and green housing design and construction	Develop guidelines outlining different approaches based on BEPs for effective public participation and disseminate them through capacity building programmes	100	Number of countries where the guidelines are published and disseminated. BL: 0 /T: 20  Number of countries that benefit from capacity building programmes. BL: 0 / T: 20		UN HABITAT, UNECE, UNEP DTIE, MAP/CPRAC

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45	Prepare communication packages specifically targeting relevant stakeholders, including policy and decision makers, the general public, academia, Civil Society Organisations, private sector and businesses, builders and contractors, clearly identifying the benefits of adopting SCP patterns in green and sustainable housing design and construction	Develop and disseminate, for adaptation at the national level, a communication and outreach package for different stakeholders	150	<p>Number of communication packages targeting relevant stakeholders developed and published</p> <p>Number of countries that have adapted and implemented the communication packages to enhance awareness of the benefits of adopting SCP patterns in the housing and construction sector. BL: 0 / T: 15</p>		UN HABITAT, UNECE, UNEP DTIE, UFM, MAP/CPRAC

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46	Build capacities, educate and sensitize professionals, consumers, policy makers, and the public on concepts and tools that support the transition towards sustainable housing and construction, such as integrated assessment, life cycle assessment, green economy, and circular economy/closed loop economy	<p>Formulate and initiate the implementation of a programme integrating capacity building, education, research and technology development in the region to support the transition towards sustainable housing and construction</p> <p>Create a forum for the exchange of experience, expertise, and innovative approaches and technologies for energy efficiency and the use of renewable sources of energy in the building and construction sector</p> <p>Development of a common Mediterranean research programme on energy consumption behaviors.</p>	<p>1000</p> <p>500</p>	<p>Number of relevant stakeholders that have increased their capacities on sustainable housing and construction. T: 45</p> <p>Participation rate in the forum for the exchange of experience, expertise, and innovative approaches and technologies for energy efficiency and the use of renewable sources of energy in the building and construction sector</p> <p>Publication of Mediterranean research programme on energy consumption behaviors by the end of 2018</p>	<p>MARIE – Build a new Energy Renovation Strategy around the Mediterranean. <a href="http://www.marie-medstrategic.eu">www.marie-medstrategic.eu</a></p>	<p>UN HABITAT, UNECE, ILO, UNESCO, UNEP DTIE, UFM, MAP/CPRAC</p>



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