



MEDENER

The Mediterranean association of national agencies for the promotion of energy efficiency and renewable energies

UfM Platform on Energy Efficiency & Renewable Energy Actions plan (2015-2017)

Barcelona, June 16th 2015



Approach

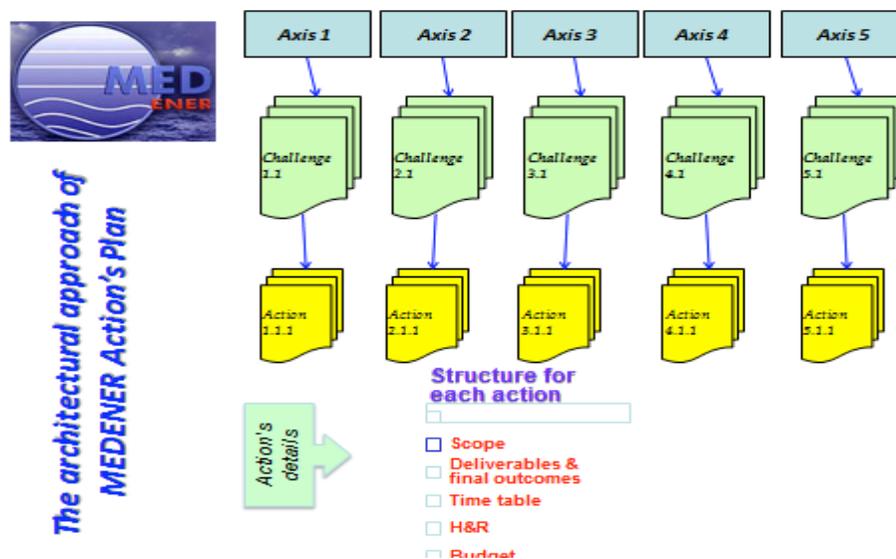
Given the current regional Mediterranean context placing the need for energy transition on the top of the agenda and considering the existing initiatives, we believe the **objectives of the Energy Efficiency working group (EE WG) of the platform** should be the following in the field of EE:

1. To **implement priority actions** adopted at the Union for the Mediterranean Ministerial Conference on Energy.
2. To assist in the definition, and to coordinate with the Mediterranean Partners countries, the **preparation of priority energy project proposals** to be submitted for consideration in the framework of existing and future Community instruments for technical and financial assistance.
3. To **implement the technical requirements** needed to make a reality of the recommendations concerning the Euro-Mediterranean region set out in the Union for the Mediterranean Ministerial Conference on Energy, in particular as regards the energy efficiency and renewable energy sources.
4. To **contribute to evaluate and analyse** the situation as regards the safety, continuity and security of energy supplies within and around the Mediterranean in particular as regards the energy efficiency and renewable energy sources contributions.
5. To **play the role of catalyst and to coordinate with the IFI's**, and in particular with the EIB, for the development of Euro Mediterranean energy projects.

To achieve the above-mentioned objectives 5 specific axis have been identified related to the ToR of REEE Platform, challenges for each axis, and 19 concrete actions have been selected, as presented in the section below.

Activities of the Action plan are taking into account

- The existing initiatives developed at regional level and the institutional framework, in order to foster the energy transition pathway in the Mediterranean:
- The regional scope in gathering the 1000 technical staff and experts from northern and southern Mediterranean agencies to enhance the exchange of experiences and good practices and build true partnerships;



Axis 1: Supporting the development and implementation of EE policies and strategies in the Mediterranean region

- 1.1. Elaborating a long term energy scenario to evaluate the part of energy efficiency in the energy transition process. Work is to be based on the “MEDENER-OME Energy Transition Scenario for the Mediterranean by 2040”, taking into account all existing regional and national initiatives;
- 1.2. Formulating a Mediterranean Energy Efficiency strategy with regional and national targets;
- 1.3. Publication of an annual progress report on the PREEE's activities;
- 1.4. Extending the “MEDENER Observatory of EE Policies” to all UfM Members;
- 1.5. Organising a side event in collaboration with UN climate change conference (COP22) in 2016: EE and ER are the most important options to reduce greenhouse gas (GHG) emissions in the Mediterranean region

Main outcomes: (1) Update and validate the ET simulations up to 2040; (2) Regional EE strategy with regional and national targets elaborated by the ETEWG; (3) Annual progress report elaborated by the Secretariat in close cooperation with the RCREEE; (4) Elaboration of national indicators and database and a regional database on EE indicators; (5) Organization of a side event or workshop in COP22 (Morocco)

Axis 2: Supporting the development, implementation and approximation of EE legislative and regulatory frameworks in the Mediterranean countries

- 2.1. Implementing a regional taskforce, within the REEE Platform, to identify the needs in terms of EE regulatory and legislative framework per member country; the focused, on first step, will be on the development of a comprehensive regulatory framework on EE in the building sector;
- 2.2. Elaborating a database on existing measures to implement regulation (Cf. the EU MURE data base): Identify and share good practices in EE areas, based on the “MEDENER-OME good practices survey”;
- 2.3. Organising a network of specialised clusters; Identify the existing infrastructures specialised in testing and performance certification of EE equipment in SEMC's, and create a common regional registry

Main outcomes: (1) Assessment of the national/local context and legislation and definition the level of ambition for energy savings; (2) A database that provides information on EE and RE national policies and measures in SEMC's, in an interactive and attractive way, to decision makers and actors involved in

energy efficiency; (3) A database with information on existing infrastructures in SEMC's and a common regional registry will be created.

Axis 3: Reinforcing public awareness and capacity building of local stakeholders

- 3.1. *Developing transnational technical and vocational training packages on specific topics, relying on the existing national and regional infrastructures as well as promoting successful trainings on tools/ methods to support processes such as covenant of Mayor and the Mayors Adapt initiatives;*
- 3.2. *Developing thematic information through web based tools, with good practices, contacts, etc. such as the EU Build-up platform and the Moroccan Construction21 platform on the building sector and the development of Sustainable Energy Action Plans (SEAP) within the "Covenant of Mayors";*
- 3.3. *Organising the 4th Conference on Energy Transition in the Mediterranean region, following the MEDENER's experience in Tunis (2013), Marseille (2014) and Naples (2015).*

Main outcomes: (1) Identifying and/or developing technical and vocational training packages; (2) Development of new web-based platforms on construction in UfM countries; (3) Annual conference, communication.

Axis 4: Engaging the private sector to support market up-take in the EE sectors and identifying projects with potential for scaling-up and facilitate their financing

- 4.1. *Identifying and sharing good practices in terms of financial incentives in the EE sector, as well as on innovative financing instruments (guarantee mechanisms, dedicated financing facilities, etc.);*
- 4.2. *Organising a workshop targeting both private and institutional actors aiming at sharing views on the support to the private sector.*
- 4.3. *Promoting efficient EE business models, based on a benchmark on funding mechanisms for EE investments in different national contexts, as well as environmental eligibility criteria for investment project.*
- 4.4. *Identifying and facilitating emblematic projects through an EE project pipeline, in coordination with IFIs and the Covenant of Mayor's members;*

Main outcomes: (1) Review of international existing and innovative financing instruments for the promotion of energy efficiency projects in Euro-Mediterranean Region, suitable for deployment and innovative actions; (2) Development of a simple tool for EE project analysis; (3) Benchmarking Study for compare and contrast a wide range of business strategies and business models based on the funding mechanisms assessed in activity 1, in order to support the uptake of EE investments; (4) Review on identification and facilitation of emblematic sustainable energy projects across the EU.

Axis 5: Ensuring positive impact on the local economy, in terms of local economic growth, innovation and job creation

- 5.1. *Mapping EE market potential areas per country and assess the financing needs, namely at cities and local authorities levels.*
- 5.2. *Assessing the competitive positioning and potential of Mediterranean countries in the manufacturing of key EE components, as well as the potential of innovation technologies regarding R&D in Energy Efficiency fields.*
- 5.3. *Along with the Mediterranean Industry Board (MIB) identify key EE components with the strongest potential for local manufacturing in the region;*
- 5.4. *Measuring the impact of investments in EE projects on local economic growth, innovation and job creation, and identify appropriate industrial policy measures to maximise this impact.*

Main outcomes: (1) Identification of the market: Demand side, supply side through the assessment of Mediterranean technology providers or manufacturers, Identification of key players; (2) Industry analysis (supply chain of EE components): technologies of EE components, manufacturing processes; (3) SWOT analysis for manufacturing key EE components locally ⇒ Identification of the components with the strongest potential; (4) Quantitative and qualitative evaluation of the socio-economic benefits through modelling and testing different scenarios effects on a long term vision → Identification of the regulatory framework leading to the maximisation of impacts

For each action, scope, deliverables and final outcomes, human resources and budget have been estimated according to timetable shown in Annex 1.

Governance

*The Energy Efficiency Working Group (WG) will be animated by MEDENER that will coordinate the implementation of the action plan and all the activities through the MEDENER's permanent Secretariat.
The WG on Energy Efficiency will be animated by MEDENER, with the support of RCREEE, MEDREG and other stakeholders.*

Annex 1

Summary of actions (timetable)

AXIS	Activities	HD	janv.-16	févr.-16	mars-16	avr.-16	mai-16	juin-16	juil.-16	août-16	sept.-16	oct.-16	nov.-16	déc.-16	janv.-17	févr.-17	mars-17	avr.-17	mai-17	juin-17	juil.-17	août-17	sept.-17	oct.-17	nov	
1. Supporting the development and implementation of EE and RE policies and strategies in the Mediterranean region																										
	1.1. Scenario 2040	600																								
	1.2. EE strategy 2014	750																								
	1.3. Annual progress report	45																								
	1.4. Observatory	550																								
	1.5. Side event COP22	10																								
	TOTAL 1	1955																								
2. Supporting the development, implementation and approximation of EE and RE legislative and regulatory frameworks in the Mediterranean countries																										
	2.1. Barriers Building sector	440																								
	2.2. Good practices in EE and RES	440																								
	2.3. Network of specialised clusters	220																								
	TOTAL 2	1100																								
3. Reinforcing public awareness and capacity building of local stakeholders																										
	3.1. Training packages	100																								
	3.2. Web tools in the building sector	80																								
	3.3. 4th conference on energy transition	80																								
	TOTAL 3	260																								
4. Engaging private sector to support market up-take in the EE and RE sectors and identifying projects with potential for scaling-up and facilitate their financing																										
	4.1. Financing instruments	44																								
	4.2. Workshop support to the private sector.	44																								
	4.3. EE and RE business models	44																								
	4.4. Identifying and facilitating emblematic projects	88																								
	TOTAL 4	220																								
5. Ensuring positive impact on the local economy, in terms of local economic growth, innovation and job creation																										
	5.1. Mapping EE market potential	308																								
	5.2. Assessing the competitive positioning	154																								
	5.3. Key EE and RE components	154																								
	5.4. Impact of investments in EE and RE projects	154																								
	TOTAL 5	770																								
	TOTAL	4305																								