Mitigation Enabling Energy Transition in the MEDiterranean region – Phase II

WP4: Promote Efficient Appliances & Develop the Market

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WP4 in few words:

Promote Efficient Appliances & Develop the Market

- WP4 focuses on promoting the use of energy efficient appliances in the SEM Countries in order to help in the global energy security & contributes to economical growth.
- The time plan for implementation of WP4 is Jan 2021 → June 2024 the project’s life time (~3.5 yrs).
- The main design concept was to focus on Practical on-ground Implementation and that is why WP4 consists of 2 main Pillars:
  1) Demo Actions & Projects.
  2) Capacity Development Activities

WP4 Objectives

- Develop Procedures for MEPS & Labels for EE Appliances
- Increase regional testing Capacities & Harmonize MEPS & labels
- Promote the market of Efficient Equipment
- Appliances Scrapping Campaigns & Awareness Campaigns
- Capacity Building for Professionals and Public Officers
WP4 Deliverables & Expected Outputs

4.1. Demo Actions Deliverables

4.1.1 Appliances Scrapping Campaigns
   - 4.1.1 Create National Task Forces
   - 4.1.1 Scrapping Campaigns Manuals
   - 4.1.1 Awareness Campaigns

4.1.2 Feasibility of Regional Testing Centre
   - 4.1.2 Feasibility Study for a Regional Testing Facility
     - Small power Equip. (Appliances)
     - Heavy Equipment (Motors)
     - Building Materials (Envelope)

4.1.3 Promotion of MEPS & Labelling Processes (Focus on AC)
   - 4.1.3 Regional Manual for MEPS Implementations Procedures
   - 4.1.3 National MEPS Programs Reports
   - 4.1.3 Regional Report on MEPS & Labels Implementation

4.2. Professional Capacity Building Deliverables

4.2.1 Training Tours & Visits
   - 4.2.1 Develop Training Modules (Physically & Virtually)

4.2.2 Increase Visibility of Efficient Appliances Guidelines among Professionals
   - 4.2.2 Design of guidelines Brochures for professionals
WP4.1.1 status

- Survey on appliances scrapping distributed, receiving 25 responses, and waiting to receive further responses

https://docs.google.com/forms/d/e/1FAIpQLSd1UJlXm3AX1YoR4GNPnYpN0G1an5efGkxbXjJYE8QY-NQAMw/viewform
WP4.1.1 status

- Data collection and analysis regarding polices and legislations regulating appliances collection, dismantling, and safe disposal (8 countries).
- Fact sheet is underdevelopment for each country, from which collective brochure will be developed reflecting the status of Appliances scrapping in the concerned countries.
Consultation missions

Morocco:
- Consultation mission was arranged back-to-back with training under WP 4.2.
- 65 participants representing governmental and private sector

Egypt:
- Consultation mission was arranged back-to-back with online training under WP4.2 with registration and participation of around 160 participants
- 15 companies have been identified dealing with E-waste scrapping

Jordan:
- Consultation mission included Meeting with RSS, JREEF, UNDP, FES, the Ministry of Environment and a private company dealing with the appliances scrapping
WP 4.1.3

Reports under preparation:

- Regional Report on MEPS/Labels Implementation with Focus on Air Conditioning.
- Manual Procedure for MEPS/ Regional Certifications Implementation
- National MEPS Program for Libya
- National MEPS Program for Lebanon

Consultation Missions:

- Morocco - Tunisia
WP4.2 Status

Survey on appliances scrapping distributed, receiving 10 responses, those responses have been analyzed to conclude the main topics of the upcoming capacity building activities within WP4.

After the analysis and identifications of the gaps we started a data collection process internally covering the needs assessment for the 8 relevant countries in the appliances, scrapping and the awareness related to them.
Stakeholders mapping have been developed to all the countries including all the public, private and international organization. The stakeholders have been identified to primary, secondary and others.
# WP4.2 Status

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<th>Action</th>
<th>Description</th>
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| • Conducting the first online training on Equipment Scrapping to be held on the **29th of Feb 2023** | ✓ Regional initiatives for scrapping and its technicalities  
✓ The regulatory frameworks and main pillars for enhancing it  
✓ Analyzing the countries current situation | Achieved |
| • Conducting the national consultation mission in cooperation with activity 4.1.1 in Egypt with the **to Egyptian Electronics Recycling company (EERC)** | ✓ The national consultation mission for appliances scrapping in Egypt organized in cooperation with Egyptian Electronics Recycling company (EERC) to have more information about the scrapping and recycling industry, and to identify the potential of collection, recycling and marketing the materials from scrapped appliances. | Achieved |
## WP4.2 Status

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<td>• Preparing for the visualization tool on appliances</td>
<td>✓ Videos have been created based on the surveys on the below topics&lt;br&gt;✓ Human behavior, labelling system for home appliances and the AC technologies including inverter</td>
<td>Achieved</td>
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<tr>
<td>• Conducting the national consultation mission in cooperation with activity 4.1.1 in Jordan to the most relevant stakeholders</td>
<td>✓ Existing programs for appliances scrapping&lt;br&gt;✓ Types and amounts of appliances&lt;br&gt;✓ Existing market for appliances scrapping and recycling&lt;br&gt;✓ Existing facilities dealing with appliances&lt;br&gt;✓ Types of materials recycled and the potentiality of exporting&lt;br&gt;✓ Main barriers and challenges facing appliances scrapping</td>
<td>Achieved</td>
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<td>• Preparing the study tours on both Scrapping and appliances</td>
<td>✓ To exchanging in formation and enhance the capabilities of the national experts</td>
<td>Under preparation</td>
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<tr>
<td>• Preparing for the MMW</td>
<td>Focusing on the awareness raising for the scrapping</td>
<td>Under preparations</td>
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THANK YOU
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MeetMED
Mitigation Enabling Energy Transition in the MEDiterranean region
Together We Switch to Clean Energy - Phase II

For any inquiries or comments, please don’t hesitate to contact us

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