



## 8 Steps for successful implementation of RES and EE actions

RES and EE measures are, compared to ordinary measures, expensive and sometimes technical demanding operation. Implementation possibilities differ from region to region, thus there is impossible to speak about one simple model for making success stories about it. COMPOSE project created a common model, consisted from 8 steps, which should be taken into consideration when planning new project at local level. They are shortly introduced on the picture below and was carefully prepared by TUC, Technical university of Crete:

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Choosing a project that contributes most to the local community.	Analyze: energy needs, impact on the local economy, implementation possibilities, impact on the promotion of RES and EE	Identify: energy savings, green business opportunities, local added value chains		
STEP 2 – Creating a Local action group (LAG)				
Identify stakeholders that can contribute to the planning and implementation of the project.	Organize: stakeholders consultations and exchanges, specify projects area of intervention - objectives, empower stakeholders to project implementation	Relevant stakeholders connected into LAG.		
STEP 3 – Local action plan				
Summarizing input from stakeholder participation (LAG) in support of project definition of a local Action Plan	Define, quantify and make projections for: technical potential, socio – economic potential, stakeholders and their responsibilities	Local Action Plan developed and approved by stakeholders.		
STEP 4 – Empower policies & local skills				
Capacity building and awareness raising as a mean to empower local communities to enhance energy efficiency and renewable energy best practices.	Assess Capacity needs and assets in the local level. Form a capacity building plan, Develop/Adopt appropriate tools and materials. Implement targeted capacity building activities.	Capacity building workshops aiming at local stakeholders, municipal employees, technical staff, teachers that were implemented. Training material available for future use is prepared. New knowledge was gained.		
STEP 5 – Creating local partnerships				
Developing a partnership committed to the implementation of the project.	Assign: specific tasks. Confirm: a detailed financial plan. Look for similar initiatives and opportunities.	Implementation partnership formed with clear obligations and responsibilities.		
STEP 6 – Implementation procedures				
Putting ideas into reality by following the necessary procedures	Provide for all necessary support documentation. Plan for sufficient time in the implementation phase, problem-solving procedures.	Implementation plan prepared and beginning of project activities implementation.		
STEP 7 – Monitoring and Evaluation				
Observe and predict possible hindrances in project implementation, improving the implementation process and gain input for future planning.	Implement the monitoring process and use the information as input for other respective steps when planning for another project.	Improvement of the implementation procedure and input for future projects planning.		
STEP 8 – Awareness raising: Promotion, communication and dissemination				
Promote achievements and positive impacts of implemented projects to expert and the wider public.	Develop a comprehensive Communication and awareness raising document and capacity building activities	Communication and awareness raising document in support of RES and EE project as important drivers of local development		

**Important note:** *The sequence of the proposed methodology steps is indicative and highly dependent on the needs/strategy of each project. It might be different from case to case thus has to be adapted from the local development team and harmonised to the local policy/priorities*

In order to measure the pilot action's progress and impact on communities, COMPOSE proposed common indicators for monitoring of each proposed project. It ensures a common understanding of the indicator's definition and monitoring aspects. It bases on monitoring of environmental, energy and economy indicators, to be monitored at the stage of project proposal, it's implementation and after its implementation.

According to this methodology, partners have finished their work, using bottom up, multi stakeholders and participatory approach.

## starting a new (unknown) project

Category	Positive Experiences	Negative Experiences
Environmental aspect	<ul style="list-style-type: none"> <li>- Mitigation of GHG emissions achieved</li> </ul>	<ul style="list-style-type: none"> <li>- Negative impacts from large scale RES projects to landscape. Construction works</li> </ul>
Financial aspect	<ul style="list-style-type: none"> <li>- Feasibility studies is a necessary step to route new RES and EE investments</li> <li>- Benefits of new financial models and new job opportunities identified</li> <li>- Circular based economy models promoted</li> <li>- Cost savings from RES /EE interventions may be used to support energy security in the pilot areas</li> </ul>	<ul style="list-style-type: none"> <li>- Insufficient investment capacities for RES investments to exploit local sources</li> <li>- Lack of financing means to purchase necessary equipment led to delays of planned interventions</li> </ul>
Energy exploitation potentials	<ul style="list-style-type: none"> <li>- RES potential record to meet pilots' areas energy needs</li> <li>- Biomass exploitation offers a variety of potential energy outputs</li> <li>- Reduced dependence on imported energy</li> <li>- Improved thermal comfort and indoor air quality of rural households</li> </ul>	<ul style="list-style-type: none"> <li>- Incomplete study/analysis on local RES potential may lead to deviations on expected outcomes</li> <li>- The resource value of waste cannot be exploited unless separation of waste is practiced effectively at the source</li> </ul>
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TUC

## COMPOSE is approaching finish

Partners joined at the 6th common meeting at Cyprus, concluded the meeting with promises of numerous of public events, organized in partners regions in Medditeranena countries and islands. The aim of events is capitalizing of actions concerning RES and EE measures and their faster implementation in policy papers and decision making processes. The callender of events is available on

<https://renewable-energies.interreg-med.eu/news-events/events/>





Photo: COMPOSE project meeting at Cyprus: 2nd day at testing centre for PV and solar solutions.

## 5 real showcases, more than 1 mio EUR investment provided for EE and RES solutions

In 11 MED regions, COMPOSE partners achieved amazing results on newest technical solutions and possibilities, using exclusively local energy potentials. Calculation on indicators shows, that in 2030 local pilot actions will achieve:

- **6,634,843 kWh/y of energy saved due the adoption of energy efficiency measures**
- **336,544,500 kWh/y electricity generated from RES 782,180,301 kWh/y Thermal energy generated from RES till 2030**
- **558,722 t CO<sub>2</sub>/y - Greenhouse Gas emissions avoided till 2030**
- **> 100 new SMEs to be established**
- **4,314 toe Waste to Energy**



## European council recognised the need to step up the global efforts to tackle climate change

In one of his last media reports, European council highlighted the importance of recognition of climate change in the in light of the latest available science, especially the IPCC Special Report on the impacts of global warming of 1.5°C above preindustrial levels. They emphasized the importance of the EU submitting an ambitious long-term strategy by 2020 striving for climate neutrality in line with the Paris Agreement, while taking into account Member States' specificities and the competitiveness of European industry and called for timely finalization of the national long- term strategies. They also recognized, that the implementation of the Paris agreement objective offers significant opportunities and potential for economic growth, new jobs and technological development. This could ensure the strengthening of European competitiveness as well as intensification of work on long- term climate strategy and new discussions about climate goals. Photo©kgzs

## Memorandum of understanding with local, regional and national decision makers

COMPOSE partners will start collecting the signatures of national associated partners, local, regional and national authorities cooperating in



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page memorandum will be submitted for signatures and disseminated through social media, regional, national and European media as well as in paper version. It declares the understanding of the importance of RES and EE based energy planning for achieving common goals for carbon neutral EU by 2030.

From global necessity to local opportunity :)

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