

MONITORING PHASE – survey

Acronym	ZEROCO2
Index	PG100015
Period	1.4.2018 – 30.9.2018
Name of project partner	MEDITERRANEAN AGRONOMIC INSTITUTE OF CHANIA
Name of the policy instrument addressed	REGIONAL OPERATIONAL SUPPORT FRAMEWORK (PRIORITIES 1B, 2.4.C, 2.4.F)

Phase 2 is dedicated to **monitoring the implementation of the action plans** in the policy instruments addressed. Project partners should regularly check the extent to which the measures described in the action plans are implemented on the ground and gathering evidence of success.

Project partners should maintain the contact with players involved (stakeholders) through for example: E-mails, phone calls, discussing with them at regional events, etc. Each partner should use the approach that suits his players involved, as there is no common rule for all.

Based on the survey below, an overview of successful implementation of action plans will be published on ZEROCO2 website.

Important: *The implementation of the action plan falls under responsibility of each partner dealing with the policy instrument. The progress made in implementing the action plan is reported back to the programme via progress reports (and based on this survey) in phase 2 (annually) with any necessary explanations if the action plan cannot be partly or fully implemented. But the non-implementation of action plan will not call in question the eligibility of costs related to the Interreg Europe.*

ACTION 1 (as described in Action plan)

Please provide a short description of the action (max 500 character)
<p>Action 1 is related with investments reducing the energy consumption, fossil fuels use and CO₂ emissions in public buildings with the use of energy saving techniques and technologies as well as with the use of renewable energy sources/technologies. These investments should be cost effective and they should result in the improvement of the energy behaviour in public buildings increasing their energy efficiency and rating.</p> <p>In our Action plan the total cost foreseen in this action is 12.5 mil Euros until the end of the programming period.</p>
Please list the players involved (as listed in the action plan) and measures (mail, at regional events, etc.) that you used to reach them?
<p>The main players involved in this action are</p> <ul style="list-style-type: none"> a) The Region of Crete, b) The managing authority of the regional Operational programme of Crete, period 2014-2020. c) Various public authorities eligible for applying for funding. <p>We have used so far phone calls, e-mail and personal visits to reach them.</p>
What is the progress made in the implementation of this action planned for your policy instrument?
<p>The policy instrument addressed by this action is Priority axis: Sustainable development, mitigation of climate change , Transition to low carbon economy, (04), Support in energy improvement in public buildings (4c), Target- improvement of energy performance in public buildings (6).</p> <p>Managing authority has announced a public competition regarding the financing of projects for energy renovation in public buildings. Total amount available is 12,121,575 Euros. The deadline for applications is 16/11/2018. Results regarding the number of applications, the public authorities applied for funding, the type of buildings applied for energy renovation and the total amount requested for energy renovation of public buildings will be known by the end of 2018.</p>
If you succeeded in implementation of this action in to the policy instrument addressed, please describe the nature of the change and if applicable, the amount of funding influenced by this action and how it was estimated.
<p>Assessment of success of this action will be made later.</p>
If you have not succeeded to implement this action plan in policy instrument addressed, please describe the reasons and the progress made so far.

ACTION 2 (as described in Action plan)

Please provide a short description of the action (max 500 character)
<p>In our action plan the second foreseen action was</p> <ul style="list-style-type: none"> - <i>Public authorities will monitor the energy performance of their buildings on monthly or bi-monthly basis. A staff member in each authority will be responsible for the energy monitoring. The energy consumption of various public buildings will be recorded and it will be uploaded on a web site in order to be accessible to various stakeholders and to citizens. Public buildings with high energy consumption will (or be obliged to) take corrective measures in order to improve their energy behaviour. The monitoring system will be established throughout public buildings in the region and adopted/supported as part of the current Regional Operational Support Framework.</i> <p>The cost foreseen in our action plan for this action was 0.3 mil Euros</p>
Please list the players involved (as listed in the action plan) and measures (mail, at regional events, etc.) that you used to reach them?
<p>The players involved in this action are</p> <ul style="list-style-type: none"> a) The Region of Crete, b) The managing authority of the regional Operational programme of Crete, period 2014-2020. c) Various public authorities who are going to monitor the energy performance of their buildings on regular basis <p>We have used so far phone calls, e-mail and personal visits to reach them.</p>
What is the progress made in the implementation of this action planned for your policy instrument?
<p>Region of Crete has appointed in each public building an energy manager who is going to monitor the energy consumption in the building on regular basis. Decision for uploading the energy consumption in the web has not been made. Energy data will be collected and analysed. Comparison will be made and corrective actions will take place when necessary.</p> <p>The managing authority in Crete is not going to finance this action through the EU structural funds.</p>
If you succeeded in implementation of this action in to the policy instrument addressed, please describe the nature of the change and if applicable, the amount of funding influenced by this action and how it was estimated.
<p>There are not any results so far for this action in order to assess it.</p>
If you have not succeeded to implement this action plan in policy instrument addressed, please describe the reasons and the progress made so far.

Region of Crete has appointed an energy manager in each public building in order to monitor in regular intervals their energy consumption.

ACTION 3 (as described in Action plan)

Please provide a short description of the action (max 500 character)

In our action plan the third foreseen action was:

- Implementation of feasibility studies regarding energy consumption in municipalities in Crete for the installation of solar photovoltaic systems in their premises, with the net metering regulations, in order to decrease their fossil fuels use and their carbon emissions. These studies will calculate the grid electricity and fuels consumption in all the municipalities in Crete indicating the replacement of conventional energy use with sustainable energies for reducing their environmental impact.

The cost foreseen in our action plan for this action was 0.2 mil Euros

Please list the players involved (as listed in the action plan) and measures (mail, at regional events, etc.) that you used to reach them?

- Municipalities in Crete who will be the beneficiaries of this study,
- Higher Educational Institutes of Crete who will implement this study on behalf of the Cretan municipalities, and
- The managing authority of the regional operational programme 2014-2020 of Crete. The managing authority will be responsible for financing these activities.

We have used so far phone calls, e-mail and personal visits to reach them.

What is the progress made in the implementation of this action planned for your policy instrument?

Managing authority in Crete has initiated the feasibility studies concerning the energy consumption in all municipal buildings in Crete. The studies will be finalized before middle 2019.

If you succeeded in implementation of this action in to the policy instrument addressed, please describe the nature of the change and if applicable, the amount of funding influenced by this action and how it was estimated.

The nature of change due to this action and the amount of funds influenced will be assessed later.

If you have not succeeded to implement this action plan in policy instrument addressed, please describe the reasons and the progress made so far.

ACTION 4 (as described in Action plan)

Please provide a short description of the action (max 500 character)

In our action plan the forth foreseen action was:

- Adopt best practice for information and education relating to users behaviour from a high performing partner region, namely Lapua, South Ostrobothnia in Finland, where performance in relation to insulation investment, local grid management, heating systems and public education are exemplary, and the consequent energy performance standards of public buildings are very high indeed.
- A programme will be designed and developed for a partnership project that will fit EU targets and objectives, and will be eligible for EU funding through the EU structural funds under the Regional Operational Support Framework.
- During the stakeholders meetings participants from municipalities, higher educational Institutes and utility companies proposed this activity arguing that it will increase the energy sustainability of public buildings as well as their energy performance.
- The educational programme will be designed properly targeting both the behavioural change of the buildings occupants and users as well as the replacement of the old energy systems with new which will be more efficient.
- For decreasing the cost of training the programme will be prepared and offered through the web in the form of a MOOC (massive open online course). Experts from the local Higher educational institutes in Crete will assist in the preparation of the educational material and they will support its implementation.

The cost foreseen in our action plan for this action was 0.1 mil Euros

Please list the players involved (as listed in the action plan) and measures (mail, at regional events, etc.) that you used to reach them?

- Higher educational and research Institutes in Crete, will be responsible for the development of the educational material,
- Various public authorities, including municipalities, in Crete. The personnel in those authorities will be trained in energy issues regarding the improvement of the energy performance of public buildings, and
- Managing authority of the regional operational programme 2014-2020 of Crete. The managing authority will be responsible for financing the preparation and implementation of this programme.

We have used so far phone calls, e-mail and personal visits to reach them.

What is the progress made in the implementation of this action planned for your policy instrument?

Currently preparation of educational material is taking place. However training of staff is not foreseen to be implemented through the web using MOOCs.

If you succeeded in implementation of this action in to the policy instrument addressed, please describe the nature of the change and if applicable, the amount of funding influenced by this action and how it was estimated.

The nature of change and the amount of funding influenced will be made later.

If you have not succeeded to implement this action plan in policy instrument addressed, please describe the reasons and the progress made so far.

ACTION 5 (as described in Action plan)

Please provide a short description of the action (max 500 character)

In our action plan the forth foreseen action was:

- Promotion of innovative research and development projects focused on the regional innovation strategy RIS3Crete (including the improvement of energy performance in public buildings). The supported projects will result in new sustainable energy products or/and services which, apart from promoting sustainable energy use in buildings, could also assist other sectors included in the RIS3Crete like tourism and agriculture.

The cost foreseen in our action plan for this action was 0.8 mil Euros

Please list the players involved (as listed in the action plan) and measures (mail, at regional events, etc.) that you used to reach them?

- Managing authority of the regional operational programme 2014-2020 of Crete. The managing authority will be responsible for financing these activities,
- Higher Educational and Research Institutes have the technological expertise and capacity to create new innovations in sustainable energies and therefore they will be included among the principal innovators and developers in applied research preferably cooperating with private or public entities in the region of Crete, and
- Various SMEs or/and entrepreneurs will participate in the research and innovation projects and they will benefit either as new product/services/processes developers or as end users, from the innovations created. Other end users who could benefit from the innovations created could also be public entities.

We have used e-mails, phone calls and regional events for reaching them.

What is the progress made in the implementation of this action planned for your policy instrument?

Managing authority of Crete has announced a public competition regarding the financing of research and demonstration projects in the field of low carbon emission technologies (including energy technologies appropriate for buildings). Projects should be implemented from consortia including private companies and Academic-Research organizations. The total amount available is 2 mil. Euros.

The deadline for applications is 24/1/2019. Results regarding the number of applications, the proposed research and demonstration topics and the total amount requested for various projects will be known by the end of April 2019. Results regarding the selected projects which will be financed will be known later approximately by the middle 2019.

If you succeeded in implementation of this action in to the policy instrument addressed, please describe the nature of the change and if applicable, the amount of funding influenced by this action and how it was estimated.

The nature of change and the amount of funding influenced will be made later.

If you have not succeeded to implement this action plan in policy instrument addressed, please describe the reasons and the progress made so far.

Other achievements

Could you report on any interesting policy development (even though no policy change was achieved yet)? Please describe.

Assessment regarding new policy development will be made later.

Territorial Impact

If possible, please describe the impact in the territory (e.g. beneficiaries concerned, results achieved in terms of increased competitiveness or cleaner environment).

Assessment regarding territorial impacts will be made later.