

FEEDBACK REPORT

Palma (ES)

Foreword

The present document is the feedback report from the Covenant of Mayors (CoM) Technical Helpdesk after having completed the analysis of your Sustainable Energy Action Plan (SEAP).

The analysis is essentially focusing on the compliance of the SEAP with the Covenant formal commitments and principles as well as on the evaluation of the completeness and consistency of the data inserted in the SEAP template. The latter is mainly based on a computer-assisted analysis performed on the data you inserted in the online SEAP template. The selection and definition of adequate actions aiming at achieving your emissions reduction objective are entirely left to your responsibility as they need to be tailor-made on your territorial circumstances.

The feedback report serves the purpose of informing the signatory on whether its SEAP fulfils the following criteria:

1. The SEAP must be approved by an official body (in principle the municipal council).
2. The SEAP must clearly specify what is your overall CO₂ reduction objective by 2020 (20% as a minimum).
3. The results of the Baseline Emission Inventory (BEI) must be provided and must cover the key sectors of activity.
4. The SEAP must include a set of actions in the key sectors of activity.
5. The SEAP template must be correctly filled-in.
6. The data inserted in the SEAP template must be coherent and complete.

The present report also provides observations and suggestions for improvement, which we recommend that you take into consideration as much as possible. Nevertheless, in some instances our remarks might just point out peculiarities which do not need to be addressed because they find their explanation to be in the particular circumstances occurring within your territory.



Overall evaluation

We are pleased to announce that your Sustainable Energy Action Plan meets the six criteria described above and therefore it has been accepted. We wish to congratulate you for this achievement! This has been made publicly visible on the Covenant of Mayors website.

In the next section you will find some observations regarding your SEAP template and some recommendations for improvement. We kindly ask you to address them and, if relevant, carry out the suggested modifications.

When editing your on-line template, please note that an integrated checking system has recently been implemented in order to ensure a better quality of collected data. Therefore you might be asked to fill-in some new fields, mainly in the section where your actions are listed, in order to comply with some new automatic controls.

The Covenant of Mayors Technical Helpdesk would like to thank you once again for the time spent and the efforts that you have devoted to producing your Sustainable Energy Action Plan.

With best wishes and kindest regards,

The Covenant of Mayors Technical Helpdesk

E-mail: JRC-COM-TECHNICAL-HELPDESK@ec.europa.eu

Ispra, 12th October 2017



Detailed comments on your SEAP template

CO₂ Baseline Emissions Inventory (BEI) – 2005

1. We would like to notify to you that the consumption of all energy carriers excluding electricity in the BUILDINGS, EQUIPMENTS/FACILITIES AND INDUSTRIES sector (4.39 MWh per capita) significantly deviates from the average for the year 2005 in your country (10.40 MWh per capita). Although local data can widely vary from national statistics, you might find it appropriate to double-check the figures inserted in your inventory.
2. Normally, most of the DIESEL consumed within a given territory is used for road transportation. However, according to the data here inserted a great share of this energy carrier was consumed in other sectors in 2005. Please double-check your data and consider whether it is more appropriate to report energy consumption for HEATING OIL instead.
3. No biofuel consumption has been inserted in your template for the TRANSPORT sector of your city. However, the national average for 2005 was 1%. We would like to remind you that, because of national obligations, refineries are often blending biofuels with fossil fuels before marketing them, in case this was not taken into account when preparing your inventory.
4. We have noticed that the emission factor for ELECTRICITY not produced locally here reported (0.844 tCO₂/MWh) significantly deviates from the one reported in the guidebook for the IPCC approach (0.5 tCO₂/MWh). You may find it appropriate to double-check your data.

SEAP

5. You have not reported the total RENEWABLE ENERGY PRODUCTION estimation (green cell) for the LOCAL HEAT/COLD PRODUCTION sector. We would be grateful if you could indicate this figure.
6. The estimated emission savings (t CO₂/MWh) reported for the action of your SEAP described as “*Replacement project for municipal vehicles driven with fossil fuels by electric vehicles*” seem unusually low. Conversely, in the case of the action described as “*Construction project of an hydraulic turbine between Cuber and Lloseta*” the estimated emission savings (t CO₂/MWh) are unusually high. Please, double-check the data associated to these measures.
7. For a small number of actions in your template you have indicated the estimated CO₂ REDUCTION IN 2020 but provided no estimations on the corresponding expected ENERGY SAVINGS. Generally these figures are related and it seems that at least for

some of these measures, estimations could be provided. We recommend you to consider this when next reviewing your plan.

8. According to your template, the measure described as “*Efficient renewal of municipality fleet o cars and sector energy diversification*” contributes alone to more than 32% of your total estimated reduction target. You may consider appropriate to revise your data. If your data is correct, we recommend you thoroughly monitor the implementation of this key action, especially considering that its implementation depends on private citizens’ initiative rather than on the local authority directly. We would like to highlight that its failure may jeopardize the achievement of your target.

The Covenant of Mayors Technical Helpdesk is jointly managed by the Institute for Energy and Transport and the Institute for Environment and Sustainability of the European Commission Joint Research Centre and the Covenant of Mayors Office in Brussels.

Please note that this document and the consequent possible SEAP acceptance are by no means related to the Strategic Environmental Assessment provisions set in the Directive 2001/42/EC of the European Parliament and of the Council of 27 June 2001 on the assessment of the effects of certain plans and programs on the environment or to any other possible assessment: this feedback is to be intended only for the purposes set within the context of the Covenant of Mayor initiative.

The output of this report is based on an automatic analysis of the data provided in the SEAP template and does not imply any approval of its content by the European Commission. The responsibility of the measures and figures reported in the SEAP document and template remains with its authors.

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