

FEEDBACK REPORT

Riga (LV)

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.

We wish to congratulate you on the good overall quality of your SEAP. We appreciate the effort made in the in depth analysis of the emissions occurring in your territory. In particular the accuracy on analyzing the energy patterns supplied by district heating, the usage of advanced models for emission related to transport.

Nevertheless, we have noted some incoherence in your SEAP template, namely as regards the overall CO₂ reduction estimation in 2020, which seems very low compared to the amount of GHG emissions inserted in the BEI (1990).

As highlighted in previous correspondence, from your SEAP document we have noticed that you have reported the CO₂ reduction estimation to 2020 based on the results of your inventory for 2010. However, please note that this option is only allowed in case a Monitoring Emission Inventory is inserted in the template (besides the BEI for 1990).

In order to address this issue, we kindly ask you to add in the online template a Monitoring Emission Inventory (MEI) for 2010 and to select in the Action Plan tab of the template "MEI 2010 (Option 2)" instead of "BEI 1990 (Option 1)" through the dropdown menu under "7) Estimates of the impacts of actions in 2020 in relation to".

Beside, some issues of minor gravity have been identified in your SEAP template. These are described in the next section together with some suggestions for potential improvements. We recommend you to address our observations and, if relevant, carry out the suggested modifications.

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,

*on behalf of the
Covenant of Mayors Technical Helpdesk*

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Ispra, 13/04/2015



Detailed comments on your SEAP template

Baseline Emission Inventory 1990

Your ELECTRICITY consumption in the MUNICIPAL BUILDINGS, EQUIPMENT/FACILITIES sub-sector has not been inserted. Please note that this sector is within the competence of the Local Authority therefore it is highly recommended to monitor it and take action to improve its efficiency.

The DIESEL and GASOLINE consumption per capita in the TRANSPORT sector (2.5 MWh per capita) significantly deviates from the average for the year 1990 in your country (3.4 MWh per capita). Although local data can widely vary from national statistics, this might highlight a mistake in the inventory. You might find it appropriate to double-check your data.

The emission factor for ELECTRICITY not produced locally here reported (0.143 tCO₂/MWh) significantly deviates from the ones reported in the guidebook, which is 0.095 tCO₂/MWh for the IPCC approach. Please double-check your data.

Having selected the IPCC approach to account for GHG emissions, you have chosen an emission factor equal to zero for BIOMASS (Other Biomass). Nevertheless we would like to remind you that for this to be true biomass needs to be produced in a sustainable manner. Please refer to Part II of the Guidebook (paragraph 3.3) for more insight on this issue. If the sustainability of biomass was not taken into account when first preparing your inventories we strongly recommend you to revise your data accordingly.

SEAP

The estimated emission savings (t CO₂/MWh) reported for some actions of your SEAP are unusually high or unusually low. Please, review the following list and double-check your data.

- installation of heat pumps
- improvement of energy efficiency in street lighting by LED technology

The Energy savings and/or Renewable energy production and/or CO₂ reduction field[s] have not been inserted for one or more of the measures of your SEAP. Please, review the following list and double-check your data.

- Energy certification and energy management system
- Energy efficiency information center
- Riga Energy Days

Congratulations for having proposed a set of local electricity generation measures in your SEAP! We have noticed that Table C of your BEI was not filled-in and would like to remind you that in case some electricity was already produced locally in your Baseline year, it has now become important for you to report it in your BEI. This will allow you to account correctly for the new emission savings in your Monitoring Emission Inventory.



A significant number of the actions/measures reported in your template do not contain relevant cost information. We strongly recommend you to fill-in these field to better plan the implementation of your SEAP.

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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