

FEEDBACK REPORT

Alba Iulia (RO)

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.

Nevertheless, please note that some issues which require further attention have been identified in your SEAP template. These are described in the next section together with some suggestions for potential improvements. We recommend that you 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,

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Ispra, 07th August 2012

Detailed comments on your SEAP template

CO2 Baseline Emissions Inventory (BEI), 2008

TABLE A

1. The electricity consumption per capita in the Residential Buildings sub-sector (0.73 MWh per capita) significantly deviates from the average for the year 2008 in your country (0.48 MWh per capita). Although local data can widely vary from national statistics, this might highlight a mistake in the inventory. You might find appropriate double-checking your data.
2. The overall energy consumption per capita in your territory (calculated from the data you have inserted in the online template) is equal to 11.6 MWh per capita and significantly deviates from the average for the inventory year in your country (7.6 MWh per capita). Although local data can widely vary from national statistics, this might highlight a mistake in the inventory. You might find appropriate double-checking your data.
3. No biofuel consumption has been inserted in your template for the transport sector of your city. However, since the national average for 2007 was 1.7%, it is very likely that a similar consumption occurred nation-wide in 2008. Therefore we would be grateful if you could make sure that the information inserted in the template on this is correct. On this subject, 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. The total electricity consumption per capita in all sectors excluding industries (1.3 MWh per capita) deviates from the average for the year 2008 in your country (0.8 MWh per capita). Although local data can widely vary from national statistics, this might highlight a mistake in the inventory. You might find appropriate double-checking your data.
5. The total fuel consumption per capita in the residential buildings sub-sector (4.8 MWh per capita) deviates from the average for the year 2008 in your country (3.2 MWh per capita). You might find appropriate double-checking your data.

TABLE B

6. Please, introduce a valid emission factor for electricity not produced locally in the corresponding field below Table B. As you have not included local electricity production in the BEI, this emission factor is the same as the general emission factor for electricity used in the inventory (0.701 t CO₂/MWh).
7. You have selected the IPCC approach to account for GHG emissions and indicated emissions due to energy consumption of Other Biomass in residential buildings higher

than zero. Please note that this implies that the biomass used was not produced in a sustainable manner. You might refer to Part II of the Guidebook (paragraph 3.3) for more insight on this issue.

8. The overall emissions per capita in your territory (calculated from the data you have inserted in the online template) is equal to 3.1 t CO₂ per capita and significantly deviates from the average for the year 2008 in your country (2.0 t CO₂ per capita) calculated for the CoM sectors. This might highlight a mistake in the inventory. Please double-check your data.

SEAP

9. Some of the actions/measures reported in your template do not contain information on cost, expected energy savings/renewable energy production and estimated emissions reduction. We recommend you to fill-in these fields, if information is available, to better plan the implementation of your SEAP.
10. Since the measure 'PE.06 - S / L Implementation of projects for heating / electricity production in cogeneration, using biomass for energy supply of major tertiary buildings (hospitals, schools)' implies the use of biomass, we would like to remind you the issue concerning the sustainability of biomass. Please refer to Part II of the Guidebook (paragraph 3.3) for more insight on this.
11. 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.
12. The total emissions in 2008 reported in SEAP template are 210 189 t CO₂, whereas the total emissions reported in the SEAP document are 209 689. Please ensure the consistency of the numbers in the future.

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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