

# FEEDBACK REPORT

*Son Servera (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 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 aspects should be improved or clarified in your SEAP. One issue that specifically requires your attention concerns the emission inventories: the BEI and MEI data in the template do not fully correspond to the information reported in your SEAP document especially in terms of tertiary sector figures (both in 2005 and 2009) and total values (particularly regarding CO2 emissions total in 2009).

In addition, some minor issues are described in the next section together with 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,

*The Covenant of Mayors Technical Helpdesk*  
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Ispra, 18 April 2013

## Detailed comments on your SEAP template

### CO2 Baseline Emissions Inventory (BEI) – 2005

#### TABLE A

1. No biofuel consumption has been inserted in your template for the TRANSPORT sector of your city. However, the national average for 2005 was 0.77%. We would like to remind you that – in case this was not taken into account when preparing your inventory – refineries are often blending biofuels with fossil fuels before marketing them because of national obligations.

#### TABLE B

2. The horizontal total for the TOTAL line does not correspond to the sum of individual energy carriers. We would be grateful if you could revise this inconsistency.
3. The overall emissions per capita in your territory (calculated from the data you have inserted in the online template) is equal to 7.988 tCO<sub>2</sub>eq per capita and significantly deviates from the average for the year 2005 in your country (4.28 tCO<sub>2</sub>eq per capita) calculated for the CoM sectors. 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.

### Monitoring Emissions Inventory (MEI) – 2009

#### TABLE A

4. The energy consumption per capita associated with your thermal needs (non-electrical) in the BUILDINGS, EQUIPMENTS/FACILITIES AND INDUSTRIES sector is very close to or exactly matches the national average. If this is due to the fact that you used national averages as a basis for your inventory, we strongly recommend you to use data which is directly related to your territory instead.
5. No biofuel consumption has been inserted in your template for the TRANSPORT sector of your city. However, the national average for 2009 was 3.5%. As noted above, if this was not taken into account when preparing your inventory, refineries are often blending biofuels with fossil fuels before marketing them because of national obligations.

#### TABLE B

6. Please introduce a valid emission factor for ELECTRICITY not produced locally in the corresponding field below Table B. You might refer to the values reported in the guidebook for your country, which is 0.44 tCO<sub>2</sub>/MWh for the IPCC approach.

7. The horizontal total for the TOTAL line does not correspond to the sum of individual energy carriers. We would be grateful if you could revise this inconsistency.
8. Regarding emissions reported for the OTHER sector, you seem to have erroneously inserted emissions from water management in the waste management line. In addition, we would like to remind you that the waste sector emissions can be added to the existing line so that you do not have to specify any energy carriers.

### **TABLE C**

9. Your SEAP document reports on local electricity production in 2009 while your Table C is empty. We would like to remind you that it is important for you to report it in your MEI as it will allow you to account correctly for the new emission savings in your next Monitoring Emission Inventory.

### **SEAP**

10. The population within your territory has undergone a significant increase of 2.3% per year between 2005 and 2009. This is unusual and we kindly ask you to double-check your data.

### **Comprehensive measures that cover the key sectors of activity till 2020**

11. Please, note that in the field 'CO2 reduction estimation per sector (t) in 2020' of your SEAP you have selected 'Option 1'. Since you submitted a Monitoring Emissions Inventory we would like to kindly ask you to make sure that the selection of 'Option 1' is the most appropriate one.
12. A significant number of the actions/measures reported in your template do not contain relevant project management information such as: cost, expected energy savings/renewable energy production and estimated emissions reduction. We strongly recommend you to fill in these fields when the data becomes available to you in order to better plan the implementation of your SEAP. In addition, please note that energy savings inserted for measures 1.1.3, 4.2.1 and 7.2.1 in your SEAP document slightly differ from the ones reported in your template. We would kindly ask you to check your data for consistency.
13. Since the measure 'Installation biomass boiler' 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 (section 3.3) for more insight on this.

14. The estimated emission savings (t CO<sub>2</sub>/MWh) reported for one action in your SEAP are unusually low. Please see the table below and double-check your data.

Key measure	Estimated CO <sub>2</sub> reduction	Estimated renewable energy production	Estimated energy savings	Calculated emissions factor
Replacement of appliances and air conditioning equipment for other more energy efficient	5740,34		4385,87	1,30882584299124

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*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.*

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*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.*

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*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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