

FEEDBACK REPORT

Lurago D'Erba(IT)

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, 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.

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,

*on behalf of the
Covenant of Mayors Technical Helpdesk*

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Detailed comments on your SEAP template

BEI

1. Your ELECTRICITY consumption in the BUILDINGS 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.
2. The FOSSIL FUELS consumption within your territory in one or more of BUILDINGS_EQUIPMENT_FACILITIES sub-sector[s] is reported to be zero, see list below. It is strongly recommended to include some figures for these fuels in the mentioned sub-sector in order to reflect your real Final Energy Consumption.
TERTIARY_BUILDINGS_EQUIPMENT_FACILITIES
RESIDENTIAL_BUILDINGS
3. No energy data are reported for the TERTIARY (NON MUNICIPAL) BUILDINGS, EQUIPMENT/ FACILITIES , the RESIDENTIAL BUILDINGS sub-sectors and for the TRANSPORT sector . These sectors are often highly emitting in the urban environment and should be one of the key targets of the SEAP. Therefore it is convenient to monitor separately its energy consumption, in order to then be able to measure the impact of the actions taken. If these data are available, please insert them. Otherwise, we would recommend you to try to obtain this information in order to be able to provide it in next MEI.
- 4.- We have noticed some significant deviation in the consumption per capita data from the averages in your country of

	MWh per capita	2005
Thermal needs in BUILDINGS, EQUIPMENTS/FACILITIES AND INDUSTRIES	<i>data</i>	4.6
	<i>average</i>	11.8
Total fuels in RESIDENTIAL BUILDINGS	<i>data</i>	0
	<i>average</i>	5.7
Total electricity	<i>data</i>	0.04
	<i>average</i>	2.6

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

5- Please, indicate the GASOLINE and/or DIESEL consumption for the year 2005 for the TRANSPORT sector as these are crucial energy carriers for this sector.

6.-The emission factor for GASOLINE here reported (0.260 tCO₂/MWh) significantly deviates from the ones reported in the guidebook, which is 0.307 tCO₂/MWh for the LCA approach. Please double-check your data.

SEAP

7.-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.

Key Action named : Municipal Building

Key Action named : Kids School

Key Action named : Primary Schol and Palestra

Key Action named : Secondary school

Key Action named : encourage the redevelopment of 1% of the buildings before 1990,for each year , with the goal of achieving 30% of energy savings in 2020

8.-The Energy savings and/or Renewable energy production and/or CO₂reduction 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.

Key Action named : Supplying by the municipality of energy from renewable sources by purchase shares of RECS certificates

Key Action named : public awareness in order to achieve the replacement of the private vehicle fleet through cars with 87-95 grCO₂/Km emissions

Key Action named : 100% replacement of municipal fleet through vehicles with 87 grCO₂/Km emissions

Key Action named : public awareness in order to achieve the 75% recycling

9.-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.

10.- The CO₂ REDUCTION ESTIMATION IN 2020 indicated for the BUILDING sector is equal to 914.620 tCO₂/tCO₂eq which, according to TABLE B of your BEI, represents 4.634% of the emissions of that sector. We recommend you to make sure that the measures planned for this sector are ambitious enough to contribute to your total reduction target

11. The ENERGY SAVING TARGET PER SECTOR IN 2020 (MWh) for the TRANSPORT sector is equal to 0.000 MWh. Also, The ENERGY SAVING TARGET PER SECTOR IN 2020 (MWh) for the BUILDINGS sector is equal to 2234.670 MWh. We recommend you to make sure that the measures planned for these sectors are ambitious enough to contribute to your total reduction 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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