



bundling forces
for stronger and more impactful local climate action

www.come-easy.eu
www.european-energy-award.org/eu-project-come-easy/



european
energy award



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About CoME EASY

CoME EASY is a project funded by the European Commission in the framework of Horizon 2020 research and innovation programme. It aims to support, facilitate and extend the engagement of local public authorities on their pathway towards a sustainable, smart and responsible energy and climate policy according to the EU 2030 climate targets.

Its main mission is to develop a supportive tool package that combines the forces of several existing strong and internationally appreciated energy policy management initiatives.

Background

These CoME EASY tools are explicitly targeting cities as major contributors to climate change. Cities currently consume approximately 78 percent of the world's energy and produce more than 60 percent of the global greenhouse gas emissions. These numbers illustrate the increasing relevance of energy management in cities and the crucial role of local governments in mitigating climate change: In order to counteract global warming, targeted action and responsible energy and climate policies at local level are indispensable.

In Europe, cities are frontrunners in the fight against global warming and take the matter into their own hands. According to the IPCC special report on global warming, however, the cities' commitment is not only essential, but must also be accelerated significantly to limit global warming to the critical threshold of 1.5 degrees Celsius.

Support is provided: Over the past 15 years an increasing number of energy and climate related initiatives, standards and approaches have been developed to support local authorities in meeting the required targets. Thousands of local authorities are already committed to the Covenant of Mayors (CoM), the European Energy Award (eea), ISO standards, the smart cities movement and other approaches in order to benefit from their support.

A combination of the various benefits of the differing approaches could reinforce local energy action and hence improve the cities' performances. However, results, data and reports often cannot be transferred from one initiative to another due to differing methodologies and requirements.

Bridging trenches through synthesizing tools

This is where the CoME EASY projects starts: its mission is to bridge trenches between existing and compatible strong supportive initiatives like eea, CoM, ISO standards and Smart Cities and Communities Programme by systemically linking and synthesizing their procedures and tools. This optimized interoperability facilitates the daily operational work of local authorities, while at the same time fully exploiting the initiatives' benefits. In doing so, the developed CoME EASY tools will lead to stronger, EU-compliant sustainable local energy and climate performances all over Europe.



Implementing Partners

Implementation Consortium

The project is carried out by an international consortium under the lead of Spes Consulting, Italy, involving national managing structures and administrative offices of the eea as well as further expert teams.

From the geographical point of view, the consortium includes partners from the 7 European countries of Italy, Romania, Germany, Austria, France, Luxemburg and Switzerland.

	SPES Consulting	Italy
	ADEME Agence de l'environnement et de la maîtrise de l'énergie	France
	Austrian Energy Agency AEA	Austria
	ENCO Energie Consulting	Switzerland
	B.&S.U. Beratungs- und Servicegesellschaft Umwelt mbH	Germany
	Agencia per l'Energia Alto Adige - CasaClima AEACC	Italy
	MT Partenaires Ingénierie	France
	BRANDES Energie AG	Switzerland
	myenergy GIE	Luxembourg
	Romania Green Building Council	Romania
	Energieinstitut Vorarlberg	Austria
	Wienfluss	Austria
	Syndicat Intercommunal du Canton de Redange	Luxembourg

Ambassador Municipalities

In addition, 18 municipalities that are all involved in the eea association and partially committed to other approaches, too, take a key role in the CoME EASY project. All of them have already gained experience with the applied methodologies, and tested the newly developed CoME EASY tools in the scope of the projects.

The Ambassadors have been selected for being frontrunners in their regions and are spread across seven European countries:

Austria: Dornbirn, Feldkirch, Klagenfurt

France: Ville de Besançon, Grand Besançon, Brest Métropole, Vienne Condrieu Agglomération

Germany: Lörrach, Ludwigsburg

Italy: Firenze, Merano, Montaione

Luxemburg: Beckerich

Romania: Iași, Vama Buzăului

Switzerland: Lausanne, Lumino, St. Gallen



Further European municipalities will join the project in the roll-out phase.

The final CoME EASY tools package and the Ambassadors' experiences will be transferred to other municipalities across Europe and made publicly available to ultimately help to achieve the ambitious goals of the EU for 2030.



About CoME EASY

The main pillars

The main pillars of the CoME EASY harmonisation and synthetisation processes are the **European Commission's Covenant of Mayors (CoM)** and the **European Energy Award (eea)** as two strong and complementary energy and climate initiatives targeting local authorities. The CoM and eea synthetization thus form the basis of the project and conclusively of its name.



Further internationally operating and compatible initiatives are integrated into the harmonization process eea and expand the strengths of CoM and eea through additional benefits and added value:

- ISO 50'001 Energy Management System,



- ISO 37'120 Sustainable Cities and Communities – Indicators for city services and quality of life,



- and the European Innovation Partnership on Smart Cities and Communities EIP-SCC associated with the Smart Cities Information System SCIS



The CoME EASY Tools

In order to connect the selected initiatives and exploit their benefits and unique features, new synchronizing CoME EASY tools have been developed.

They are embedded as additional features into the eea Management Tool EMT and are the following:

- **Calculation Tools and Facilitators**
- **Benchmarking Tools**
- **Training Materials and Guidelines**

How to access the CoME EASY tools

All supportive CoME EASY tools are made available at no charge to all interested cities and municipalities. After having registered through the CoME EASY website (www.come-easy.eu; <https://www.european-energy-award.org/eu-project-come-easy>), access to the tools will be provided to interested municipalities.



Calculation Tools and Facilitators

The Emission Path Tool (EPT)

Core of the CoME EASY project is the development of supporting tools & materials. Its main outcome is the Emission Path Tool (EPT).

The EPT is a set of closely related tools that is based on the Baseline and Monitoring Emission Inventory (BEI/MEI) according to the Covenant of Mayors' methodology. The EPT also includes a scenario calculator and the Energy and Emission Reduction Path Assessment Tool (EERPAT).

BEI/MEI calculator

The Baseline Emission Inventory and Monitoring Emission Inventory as a standardized data collection process provide the foundation of the EPT. The BEI/MEI calculator includes an energy accounting and Greenhouse Gas calculation screen mirroring SECAP balancing (BEI/MEI), interfacing with community tools and SECAPs.

Scenario Calculator

The Scenario Calculator provides the possibility for the municipality to enter diverging scenarios, which allow analyzing paths and strategies under different assumptions (e.g. population growth). With its scenario functionalities the tool supports planning of energy efficiency and climate measures in Focus Workshops as part of the eea quality management.

Energy and Emission Reduction Path Assessment Tool (EERPAT)

The EERPAT enables the comparison of ambition and effectiveness of one chosen reduction path, the primary reduction path, with national/regional and European reduction paths. It displays historic BEI/MEI results as well as future reduction paths and evaluates the ambition of planned as well as realized reduction paths compared with national and EU goals.

SECAP Creator and ISO Facilitator

The SECAP creator and ISO facilitator provide the coupling to CoM respectively ISO 50'001 Energy Management System:

The SECAP creator is developed to enable local authorities to enter CoM exporting/importing data already available from the other tools and the eea in suitable formats.

The ISO facilitator is designed to assist local authorities in meeting the requirements of ISO 50001.

Mitigation Calculator

The mitigation calculator is an aid for the calculation of the impacts of the most common measures included in SECAPs. It is based on emission inventories values and national standards.

Buildings Database

The buildings database is a structures database that aims at collecting information about buildings stock in compliance with ISO requirements.



Benchmarking Tools & Training Materials and Guidelines

Key Performance Indicators Dashboard

CoME EASY project is bringing together various internationally approved initiatives supporting local authorities. These use different indicators to measure the municipal performances. These measurements, based on predefined key performance indicators, enable to reliably assess a city's strengths and weaknesses, to monitor its progress and to benchmark its performance.

The CoME EASY Open Platform will provide a Key Performance Indicators (KPIs) set that is compliant with the main initiatives the project is aligned with and the main systems in use at EU level.

The selection of the KPIs set follows the structure of the eea management tool (EMT) model, but also contains indicators that, in the sense of the smart vision and the UN SDGs, exceed a mere energy reference, and it considers a more inclusive perspective on sustainable development.

The KPIs set sectors are:

- **Strategy and Planning**
(linked with eea area 1)
- **Public Authority and Governance**
(linked with eea areas 2 and 5)
- **Energy and Climate**
(linked with eea area 3)
- **Mobility**
(linked with eea area 4)
- **Prosperity**
(partially linked with eea area 6)

Best Practice Library

The CoME EASY Best Practice Library provides a selection of best practices from cities involved in the project and from interested networks for incitement and replication. The best practices can be sorted by municipality, theme or reference to the eea catalogue of measures.

Training Materials and Guidelines

CoME EASY provides a huge range of training materials and guidelines to

- ensure a **correct understanding of the tools**
- **facilitate the application** of the new CoME EASY tools, and
- provide basic information about the opportunities and **additional benefits of multiple commitments.**

The training materials and guidelines are complemented by further supportive materials, reports and topic related information.



SPES CONSULTING (SPES) - IT



AGENCE DE L'ENVIRONNEMENT ET DE LA MAITRISE DE L'ENERGIE (ADEME) - FR

Agence de l'Environnement
et de la Maîtrise de l'Energie



OSTERREICHISCHE ENERGIEAGENTUR AUSTRIAN ENERGY AGENCY (AEA) - AT



ENCO ENERGIE CONSULTING AG (ENCO) - CH



B. & S.U. BERATUNGS- UND SERVICE-GESELLSCHAFT UMWELT MBH (BSU) - DE



AGENZIA PER L'ENERGIA ALTO ADIGE - CASACLIMA (AEACC) - IT



MT PARTENAIRES INGENIERIE (MTPi) - FR



BRANDES ENERGIE AG (BRE) - CH MY



ENERGY GIE (MYE) - LU



ASOCIAȚIA ROMANIA GREEN BUILDING COUNCIL (RoGBC) - RO



ENERGIEINSTITUT VORARLBERG VEREIN (EIV) - AT



WIENFLUSS INFORMATION.DESIGN.SOLUTIONS KG (WIENFLUSS) - AT



INTERKOMMUNALES SYNDIKAT REIDENER KANTON (SIRC) - LU

If interested, please contact the
Association European Energy Award AISBL
eea Office

Phone: 0041 44 213 10 22
info@europeanenergyaward.org



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Association European Energy Award AISBL

Place du Grand Sablon 19
1000 Brussels
BELGIUM

Phone: 0041 44 213 10 22
E-mail: info@europeanenergyaward.org

www.europeanenergyaward.org

Spes Consulting srl

Via al Ponte Reale 2/16,
16124 Genova
ITALY

Phone: 0039 10 868 25 70
E-mail: info@spesconsulting.com

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