



Co-funded by the Horizon 2020
Framework Programme
of the European Union



CoME EASY PROJECT

FACILITATE THE ENGAGEMENT OF LOCAL AUTHORITIES IN
SETTING UP AND IMPLEMENTING SUSTAINABLE AND
EFFECTIVE ENERGY AND CLIMATE ACTION PLANS



THE EEA IS A QUALITY MANAGEMENT, BENCHMARKING AND AWARDING SYSTEM FOR LOCAL AUTHORITIES.

THE EUROPEAN ENERGY AWARD (EEA) SUPPORTS LOCAL AUTHORITIES IN ESTABLISHING INTERDISCIPLINARY PLANNING APPROACHES AND IMPLEMENTING EFFECTIVE ENERGY AND CLIMATE POLICY MEASURES.

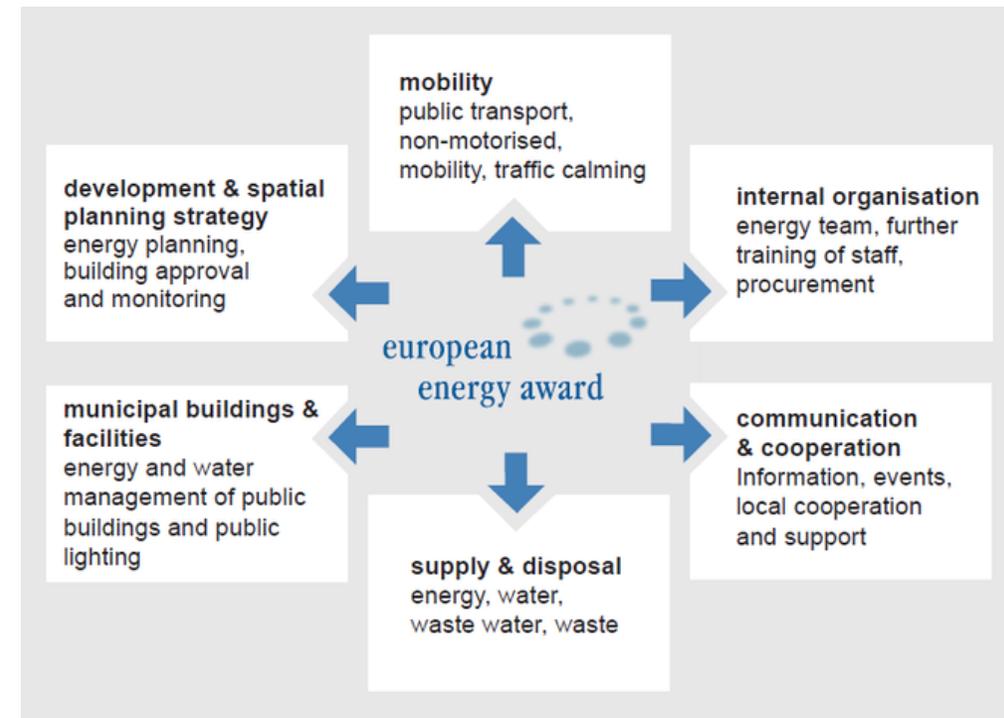
INTERNATIONAL NON-PROFIT ASSOCIATION
EUROPEAN ENERGY AWARD AISBL



1. COMMITTED TO SUSTAINABLE LOCAL CLIMATE POLICY THE EEA SUPPORTS, THROUGH ITS PROCESS, INSTRUMENTS AND QUALIFIED ADVISORS, THE PLANNING AND IMPLEMENTATION OF LOCAL ACTIONS IN ALL RELEVANT AREAS OF COMPETENCE.

2. THE EEA CORE INSTRUMENT IS A COMPREHENSIVE INTERNATIONALLY HARMONIZED, BUT NATIONALLY ADAPTED AND REGULARLY UPDATED, CATALOGUE OF AROUND 80 MEASURES IN 6 THEMATIC AREAS, ENABLING INTERNATIONAL AND NATIONAL BENCHMARKING.

UN SUSTAINABLE DEVELOPMENT GOALS SDGs



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EEA CITIES AND COMMUNITIES

1600 CITIES AND COMMUNITIES
65 MILLION EU CITIZENS

THE EEA IS IMPLEMENTED IN 1600+ EUROPEAN CITIES AND COMMUNITIES, WITH A RANGE 100 TO 1+ MILLION INHABITANTS, AND REPRESENTING A POPULATION OF 65 MILLION EUROPEAN CITIZENS.

**... LARGEST MUNICIPALITY PARTICIPATING:
LYON METROPOLIS (FR, 1.34 M INH.)**

**...SMALLEST MUNICIPALITY PARTICIPATING:
SENÈDES (CH, 156 INH.)**



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KLIMAGEMEINDE/COMUNECLIMA

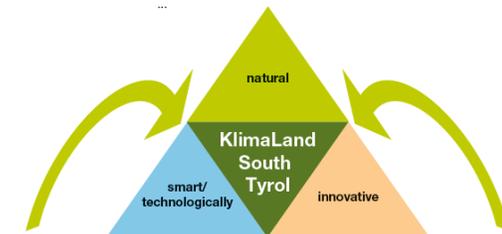
KLIMAGEMEINDE-COMUNECLIMA WAS LAUNCHED IN 2015 AS A VOLUNTARY PROGRAM FOR SUPPORTING MUNICIPALITIES IN THE IMPLEMENTATION OF EFFECTIVE ENERGY AND CLIMATE POLICIES COMPLIANT WITH REGIONAL, NATIONAL AND EU CLIMATE STRATEGIES.

IN SOUTH TYROL THE MAIN REFERENCE IS THE KLIMALAND STRATEGY 2050 ACTUALLY UNDER REVISION.



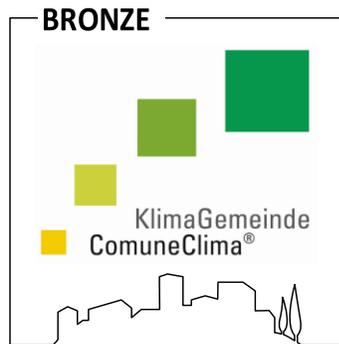
**SÜDTIROL
KlimaLand**

High biodiversity
Original landscapes and enchanting agricultural landscapes
UNESCO world natural heritage site and outstanding protected areas
Clear water, clean air and healthy soil
Extremely sustainable use of renewable energy sources
Healthy food and good eating
...

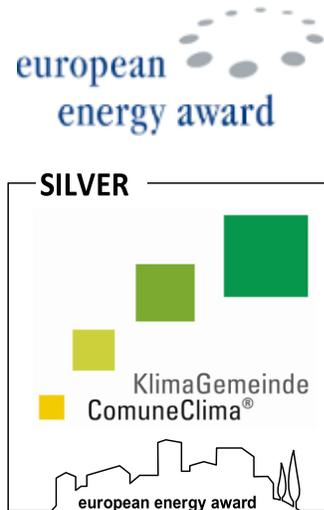


Smart use of energy
Energy-efficient buildings
Land-saving, climate-friendly land use planning
Sustainable mobility
Green energy
Modern and smart distribution networks/grids
Modern technologies
...

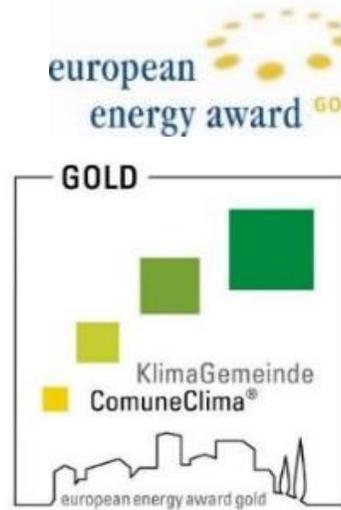
Informed and interested inhabitants
Participation
Rooted sustainability culture
Modern education
Performance-oriented research centers
Low-carbon economy
Appropriate planning and authorization instruments
...



**COMUNECLIMA
BRONZE**



**COMUNECLIMA
SILVER**



**COMUNECLIMA
GOLD**

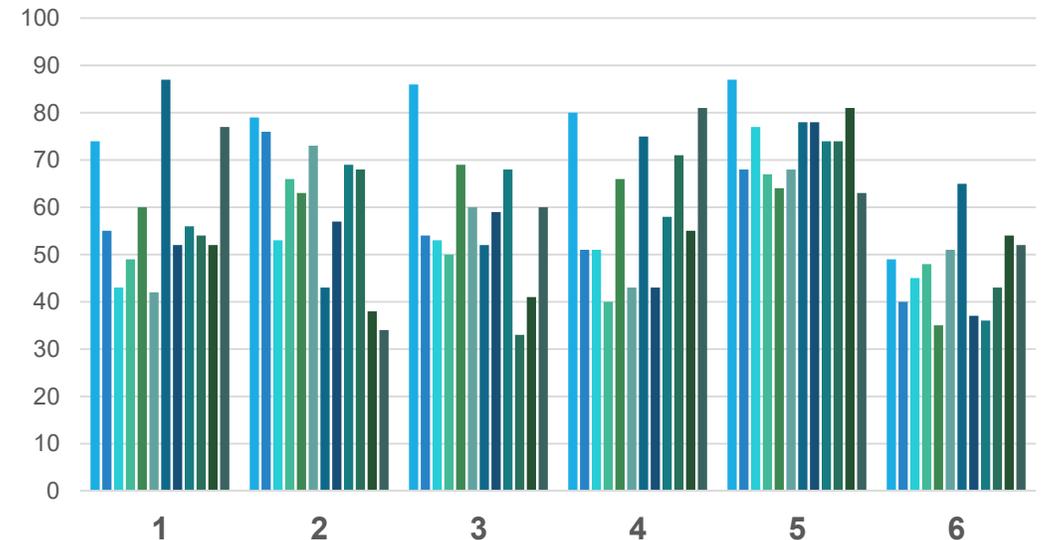
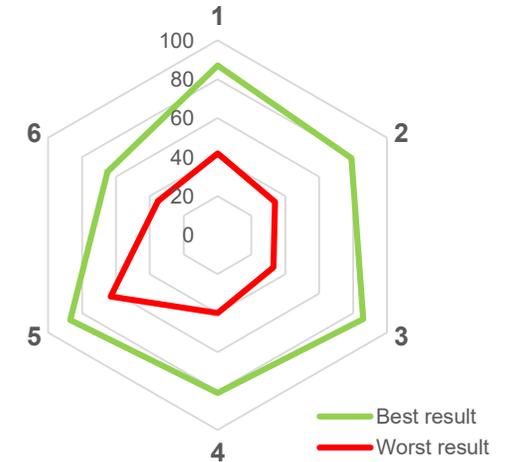
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IMPLEMENTATION - KEY FACTS

- **26 MUNICIPALITIES PARTICIPATING**
- **LARGEST CITY: BOLZANO (107.739 INH.)**
- **SMALLEST MUNICIPALITY: TRODNA (1.040 INH.)**
- **EEA-COMUNECLIMA SILVER GOLD: 1**
- **EEA-COMUNECLIMA SILVER: 12**
- **30% OF THE MUNICIPALITIES WERE AWARDED SILVER AFTER THE FIRST EXTERNAL AUDIT**
- **90% OF THE MUNICIPALITIES REACHED THE COMUNECLIMA BRONZE LEVEL IN THE FIRST 2 YEARS OF PARTICIPATION**

STRENGTHS AND WEAKNESSES IN THE DIFFERENT AREAS

- 1 Development and spatial planning
- 2 Municipal building and facilities
- 3 Supply and disposal
- 4 Mobility
- 5 Internal organisation
- 6 Communication and cooperation



THE PROJECT AIMS TO SUPPORT AND EXTEND THE ENGAGEMENT OF LOCAL PUBLIC AUTHORITIES ON THEIR PATHWAY TOWARDS A SUSTAINABLE, SMART AND EFFECTIVE ENERGY AND CLIMATE POLICY ACCORDING TO THE EU 2030 CLIMATE TARGETS BY COMBINING THE FORCES OF SOME OF THE STRONGEST EU ENERGY AND CLIMATE POLICY INITIATIVES (EUROPEAN ENERGY AWARD, COVENANT OF MAYORS, ISO STANDARDS, SMART CITIES & COMMUNITIES,...).



CONNECT INITIATIVES AND FACILITATE CROSS FERTILISATION



OPEN SUPPORT PACKAGE

- FACILITATE MULTIPLE ENGAGEMENT
- FACILITATE THE DAILY OPERATIONAL WORK OF LOCAL AUTHORITIES
- BETTER SUPPORT MUNICIPALITIES IN THE ELABORATION OF THEIR SECAPs
- HARMONISE LOCAL POLICIES TO NATIONAL AND EU STRATEGIES
- FACILITATE CAPACITY BUILDING AND BENCHMARKING

HORIZON 2020 PROJECT CoME EASY

OPEN SUPPORT PACKAGE

THE **CoME EASY TOOLS** PROVIDE SUPPORT TO MUNICIPALITIES FOR PLANNING, IMPLEMENTING AND MONITORING THEIR CONTRIBUTION TO THE EU 2030 TARGETS



HORIZON 2020 PROJECT CoME EASY

EMISSION PATH TOOL (EPT)

BEI/MEI

SCENARIO CALCULATOR

EERPAT

EMISSIONS & ENERGY INVENTORIES

SCENARIOS

REDUCTION PATHS' ASSESSMENT

CONDUCTING A
QUANTITATIVE
ASSESSMENT OF THE
STATUS OF THE
MUNICIPALITY IN TERMS OF
ENERGY
CONSUMPTION AND GHG
EMISSIONS IN DIFFERENT
SECTORS OF ACTIVITY

DEFINING DIFFERENT
SCENARIOS IN TERMS OF
ENERGY CONSUMPTION,
GHG EMISSIONS
AND POPULATION BASED ON
DIFFERENT ASSUMPTIONS
AND FORECASTS TO
IDENTIFY APPROPRIATE
LOCAL
REDUCTION TARGETS AND
PATHS.

ASSESSING THE AMBITION
AND ADEQUACY OF THE
PRIMARY REDUCTION
PATH CHOSEN BY THE
MUNICIPALITY IN
COMPARISON WITH
REGIONAL/NATIONAL AND
EUROPEAN ONES.



SOLID LINES:
HISTORIC
OBSERVED DATA

DOTTED LINES:
CALCULATED
REDUCTION PATH
BASED ON THE
REDUCTION GOALS

REDUCTION PATHS (EMISSION, FINAL ENERGY) OF THE MUNICIPALITY BASED ON REALISED AND PLANNED REDUCTIONS (ENTERED BY THE USER)

NATIONAL OR REGIONAL REDUCTION PATHS BASED ON NATIONAL/ REGIONAL DEFINED GOALS (ENTERED BY THE NATIONAL ADMIN)

EU REDUCTIONS PATHS (ENTERED BY THE SYSTEM ADMIN) BASED ON EU GOALS

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MITIGATION CALCULATOR



THE MITIGATION CALCULATOR AIMS AT SUPPORTING MUNICIPALITIES IN SELECTING APPROPRIATE MITIGATION MEASURES DURING THE PLANNING PHASE. THE TOOLS ALLOWS FOR A ROUGH ESTIMATION OF IMPACTS OF SPECIFIC MITIGATION MEASURES IN TERMS OF ENERGY AND CO₂ SAVINGS, RES PRODUCTION AND INVESTMENT COST.

THE EXCEL-BASED TOOL PROVIDES:

- A SET OF CATEGORISED MEASURES (OVER 60) IN 9 DIFFERENT SECTORS
- TYPICAL ENERGY AND EMISSION SAVING PARAMETERS AS WELL AS COUNTRY SPECIFIC COSTS (ENTERED IN THE BACKGROUND)

FOR EACH TARGETED MEASURE THE TOOL AUTOMATICALLY CALCULATES ANNUAL ENERGY SAVINGS (OR ANNUAL ENERGY PRODUCTION), ANNUAL CO₂ EMISSION SAVINGS AND TOTAL INVESTMENT COSTS.

Intervention	Energy and CO ₂			
	RES production	Annual Energy savings	Annual CO ₂ savings	Total Investment cost
	[MWh/a]	[MWh/a]	[t]	[EUR]
MUNICIPAL BUILDINGS				
RETROFITTING				
(only) envelope		3.009	729	2.250

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KPIs TOOL & DASHBOARD

THE KPIs TOOL PROVIDES A **SET OF 39 KPIs** COVERING **5 SECTORS** AND COMPLIANT WITH THE MAIN SYSTEMS IN USE AT EUROPEAN LEVEL.

	SUB-CATEGORY	INDICATOR	TOOL	EEA/EMT	CoM
PA & GOVERNANCE	Energy in the public administration	Public buildings consumption	EPT	X more detailed different units	X
		Vehicles consumption	EPT	X	X
		Public lighting consumption	EPT	X	X
		Electricity by RES	EPT	X	X
		Heat by RES	EPT	X	X
ENERGY & CLIMATE	Emissions	CO₂ emissions	EPT	X	X
	Energy	Annual final energy consumption	EPT		X
	Renewable energy sources	Renewable electricity generated within the city	EPT	X	X
		Renewable heat generated within the city	EPT	X	X
MOBILITY	Public transport	Access to public transport		different units	
	Private fleet	Fossil fuelled vehicles per capita		different detail	

**STRATEGY & PLANNING
(EMT AREA 1)**

**ENERGY & CLIMATE
(EMT AREA 3)**

**PA & GOVERNANCE
(EMT AREA 2 & 5)**

**MOBILITY
(EMT AREA 4)**

**PROSPERITY
(EMT AREA 6)**

MANDATORY KPIs: 11

Best Practice Examples



Alto Adige > Meran/Merano
Campagna di sensibilizzazione "L'uno con l'altro - Seite an Seite"



Alto Adige > Meran/Merano
Riqualificazione NZEB della scuola media Wolf



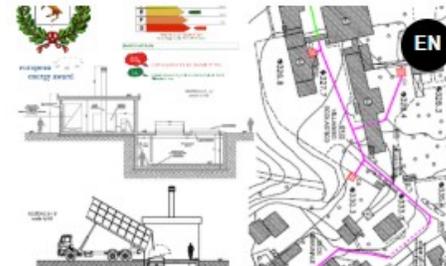
Alto Adige > Meran/Merano
Tutelare il verde privato



Toscana > Firenze
Smart City Plan "planning for a better life"



Toscana > Firenze
Smart lighting



Toscana > Comune di Montaione
Biomass micro district heating

THE BEST PRACTICE LIBRARY (BPL) IS A TOOL TO ENHANCE KNOWLEDGE AND TO SHARE SUCCESSFUL EXPERIENCES BETWEEN LOCAL AUTHORITIES AND ACROSS NATIONAL BORDERS.

THE BEST PRACTICE LIBRARY OFFERS FILTERING OPTIONS AND FACILITATES FINDING MEASURES THAT MAY HAVE ALREADY BEEN IMPLEMENTED BY PEER CITIES.

HORIZON 2020 PROJECT CoME EASY INVOLVEMENT OF MUNICIPALITIES



THE USE OF THE SUPPORT PACKAGE FOR THE ELABORATION OF EFFECTIVE SUSTAINABLE ACTION PLANS (SECAP) HAS BEEN TESTED IN 18 AMBASSADOR MUNICIPALITIES THAT WERE SELECTED FOR BEING FRONTRUNNERS IN THEIR REGIONS.

AUSTRIA: DORNBIRN, FELDKIRCH, KLAGENFURT

FRANCE: VILLE DE BESANÇON, GRAND BESANÇON,
BREST MÉTROPOLE, VIENNE CONDRIEU AGGLOMÉRATION

GERMANY: LÖRRACH, LUDWIGSBURG

ITALY: FIRENZE, MERANO, MONTAIONE

LUXEMBOURG: BECKERICH

ROMANIA: IAȘI, VAMA BUZĂULUI

SWITZERLAND: LAUSANNE, LUMINO, ST. GALLEN



FURTHER 70 MUNICIPALITIES ARE ACTUALLY INVOLVED IN THE ROLL OUT PHASE.

MORE THAN 150 ADVISORS HAVE BEEN TRAINED TO USE THE TOOLS.

Partners region	CoME EASY project lifetime			
	ambassadors PAs involved in the test and adaptation		Roll out PAs (2019-2021)	
	number	inhabitants	number	inhabitants
Austria	3	178.813	20	250.000
France	4	438.000	20	2.000.000
Germany	2	135.000	10	951.586
Italy	3	423.200	15	279.000
Luxembourg	1	2.408	9	18.000
Romania	2	293.585	2	577.776
Switzerland	3	206.812	1	76.702
EU TOTAL	18	1.677.818	77	4.153.064

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Twitter Feeds

Tweets by @CoMEEASY_H2020

CoMEEASY
@CoMEEASY_H2020

Congratulations to #Montaione! Learn more about the #CoMEEASY Ambassador Municipality and their successful approach to achieve their CO2-reduction target with citizens' engagement!
<https://twitter.com/eumayors/stat>

COME EASY NEWSLETTER
January 2021

Best Practice Library (BPL): Information and Authorities

BPL is a tool to enhance exchange between local authorities and BPL offers CoME EASY and eea publish and share their best at is embedded into the eea

also [publicly available](#) on the eea website. It provides a diverse pool of information that can help local authorities to build upon existing ideas when planning energy efficiency measures, as well as to

www.come-easy.eu

[@CoMEEASY_H2020](https://twitter.com/CoMEEASY_H2020)

www.come-easy.eu

CoME EASY Toolkit

Get access to the toolkit

You want to use the CoME EASY toolkit that supports local energy policy management and benefit from its advantages? **For receiving access to the Open Platform and all CoME EASY tools**, please contact your country, download the form and send your inquiry to the respective contact indicated:

- Austria
- France
- Germany

1:13 / 6:57 Lausanne was one of the first cities



THANK YOU FOR YOUR ATTENTION

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R&D

AGENZIA CASACLIMA