

# OT2.2

## Tools\_transnational master module

12/2018

<b>Project index number and acronym</b>	CE496 Cities for a Good Energy Governance
<b>Lead partner</b>	SIPRO Development Agency-Ferrara
<b>Output number and title</b>	Output O.T2.2 Training module for improving competences of Energy Units
<b>Responsible partner (PP name and number)</b>	PP2 - City of Bydgoszcz
<b>Project website</b>	<a href="https://www.interregcentral.eu/Content.Node/CitiEnGov.html">https://www.interregcentral.eu/Content.Node/CitiEnGov.html</a>
<b>Delivery date</b>	12/2018

### Summary description of the key features of the tool (developed and/or implemented)

In the process of elaboration of the topics and main skills to be improved, all project partners were requested to provide information about most important skills, which would need improvement in the context of energy management.

The training module is based on this input provided by partners.

Proposed training curriculum has been divided into modules, covering similar topics and sets of skills that are key to strengthen the position of the institution (an energy unit), improve performance, effective cooperation with stakeholders and exchange knowledge.

The objective of the training is to increase competencies of energy units staff in the field of energy management in the city/region.

The specific topics of the training identified have been aggregated into general topics that represent a certain subject. These topics are then grouped together into a fields of knowledge. Similar fields of knowledge comprise a single training module. Project partners are given flexibility in the training programme - the master version of the training module is selectable and the topics, that fall under the same module allow specific subjects to be covered.

**NUTS region(s) where the tool has been developed and/or implemented (relevant NUTS level)**

ITH56, Ferrara  
PL613, Bydgosko-Toruński  
AT224, Oststeiermark  
HR035, Splitsko-dalmatinska županija  
PL12A, Warszawski-zachodni  
SI023, Goriška  
HU321, Hajdú-Bihar  
SI022, Gorenjska  
DE115, Ludwigsburg

### Expected impact and benefits of the tool for the concerned territories and target groups

The training schemes implemented have contributed to the enhancement of the institutional know how and the creation of new positions, more skilled and technical, within the involved authorities. The training scheme facilitated the spread of knowledge on energy monitoring which will consequently increase the energy data availability and enhanced cooperation between municipalities, energy units and energy agency. Staff members within the PA knew how to use geographic referenced data, how to integrate data into the existing data management tool and how to evaluate data thematically. Energy-related data can be used for different strategic plannings like light planning, local/regional energy planning, mobility planning. Therefore there will be a higher incentive to collect data and to consider

### Sustainability of the tool and its transferability to other territories and stakeholders

The transnational training module analyzed the proposals made by all the partners and defined a list of possible topics to be explored during the workshops. The list can be used and the proposed scheme replicated for other training sessions in other Regions.

### Lessons learned from the development/implementation process of the tool and added value of transnational cooperation

Transnational cooperation has allowed us to define a vast list of topics of interest for the Energy Units and all the technicians working in the public administrations. They have been divided between “Institutional” and “Personal” And then in following issues:

- Technical
- Analytical
- Behavioural & educational
- Financial
- Other

**References to relevant deliverables and web-links  
If applicable, pictures or images to be provided as annex**

Deliverables: D.T.2.2.1, D.T.2.2.2, D.T.2.2.3, D.T.2.2.4

Weblink: <https://www.youtube.com/watch?v=yBWTElqBhfg>

## OT2.2

### Tools\_PP2 City of Bydgoszcz

12/2018

<b>Project index number and acronym</b>	CE496 Cities for a Good Energy Governance
<b>Lead partner</b>	SIPRO Development Agency-Ferrara
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<b>Responsible partner (PP name and number)</b>	PP2 - City of Bydgoszcz
<b>Project website</b>	<a href="https://www.interregcentral.eu/Content.Node/CitiEnGov.html">https://www.interregcentral.eu/Content.Node/CitiEnGov.html</a>
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<b>Summary description of the key features of the tool (developed and/or implemented)</b>	

The issues that the Municipality of Bydgoszcz was interested in learning more about with training were the following:

**I. Institutional**

1. Training modules for employees of the Energy Unit in the scope of RES and EE for public and private investments.
2. Financing energy efficiency and Renewable Energy Sources investments in public and private sector.
3. Tools and technical skills for development of the energy database - data management.
4. International and national projects regarding energy management, Renewable Energy Sources and EE
5. Awareness raising of citizens (information on environmental issues such as smog, pm10, pm2,5, EE, RES)
6. Awareness raising at local public schools
7. Defying energy plans for Bydgoszcz
8. Enhancement of public lighting system
9. E-mobility charging infrastructure
10. Managing energy consumption and energy savings in the municipality

**II. Personal**

1. Up to date knowledge of energy systems, renewable energy resources and energy efficiency
2. Workshops for Energy Unit staff in the scope of energy management (development of technical skills to develop and maintain the energy database)
3. Additional regular trainings with experts in the scope of EE and RES
4. Improvement of communication skills
5. Promotion and education of RES and EE
6. Awareness raising on RES and EE issues at local public schools

In particular City of Bydgoszcz expressed defined the topics of ist trainings in ordert o increase the knowledge regarding financing investments in energy efficiency, renewable energy sources - especially when taking into account alternative financing sources, which are becoming increasingly more important

**NUTS region(s) where the tool has been developed and/or implemented (relevant NUTS level)**

PL613, Bydgosko-Toruński

**Expected impact and benefits of the tool for the concerned territories and target groups**

At the end of the first training session (19/11/2018) 4 employees from En4PA have gotten the certificates of electrical and other qualifications

The second training have been organized for accountants and other people working in En4PA of City of Bydgoszcz, responsible for dealing with payments which includes spending on energy.

The third training session was organized to make the public administration aware of issues related to energy data management.

### Sustainability of the tool and its transferability to other territories and stakeholders

The training scheme implemented in Bydgoszcz could be replicated in other Regions interested on deepen knowledge about energy financial analysis and energy data management

### Lessons learned from the development/implementation process of the tool and added value of transnational cooperation

Useful for support to local public authorities, sharing and dissemination of the results, enhancement of knowledge about energy efficiency

### References to relevant deliverables and web-links If applicable, pictures or images to be provided as annex

Deliverables: D.T.2.2.1, D.T.2.2.2, D.T.2.2.3, D.T.2.2.4

Weblink: <https://www.youtube.com/watch?v=ZK1GhB2npF4>

<https://www.youtube.com/watch?v=l41TUiWeojw>

# OT2.2

## Tools\_PP6 Golea

12/2018

<b>Project index number and acronym</b>	CE496 Cities for a Good Energy Governance
<b>Lead partner</b>	SIPRO Development Agency-Ferrara
<b>Output number and title</b>	Output O.T2.2 Training module for improving competences of Energy Units
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<b>Delivery date</b>	12/2018
<b>Summary description of the key features of the tool (developed and/or implemented)</b>	

Golea decided to further investigate the following module between the modules defined in the transnational scheme

*MODULE 1 - Strategy and planning*

*MODULE 2 - Finance and project management*

*MODULE 3 - Technical knowledge of energy management*

And in detail the following topics:

*Legal framework:*

- *Energy and climate-related legislation (EU/national)*
- *Specific operative regulations (at local level)*

*Finance:*

- *Financial incentives for energy efficiency and RES*
- *Funding sources for EE & RES including pilot project financing*
- *ESCO and energy performance contracting*

*Energy management:*

- *Energy management systems (e.g. ISO 50001) - concept, implementation, management (incl. Auditing)*
- *Energy efficient public utility system:*
  - *Energy efficient street lighting*
- *Energy efficiency in public buildings, incl:*
  - *Low energy/passive building construction*
  - *Energy renovation of existing buildings*
  - *Operative energy efficiency of buildings*

*Energy data management:*

- *Energy database development*
- *Energy database management*
- *Energy related measurements - metering, temperature control, humidity, ventilation control ect.*
- *ICT controlling systems*
- *Data analysis (esp. Identification of savings)*

*Renewable energy sources:*

- *Technologies - including new and developing technologies available*

*The inclusion of RES in public and private investments*

**NUTS region(s) where the tool has been developed and/or implemented (relevant NUTS level)**



SI0 Slovenia  
SI04 Western Slovenia  
SI043 Gorizia Statistical Region (Goriška statistična regija)

### Expected impact and benefits of the tool for the concerned territories and target groups

Increased knowledge will contribute to improve competences that will lead to improved implementation of municipal planning, more effective implementation of adopted action plans in the field of RES and EE, facilitate the spread of knowledge on energy monitoring which will consequently increase the energy data availability and enhance cooperation between municipalities and Energy agency.

### Sustainability of the tool and its transferability to other territories and stakeholders

Golea has chosen the following issue between the 4 module defined in the transnational scheme:

*MODULE 1 - Strategy and planning*

*MODULE 2 - Finance and project management*

*MODULE 3 - Technical knowledge of energy management*

The list can be used and the proposed scheme replicated for other training sessions in other Regions.

### Lessons learned from the development/implementation process of the tool and added value of transnational cooperation

The elaboration of training schemes have contributed to the identification of main topics and skills to be improved within the involved authorities which will lead to the enhancement of the institutional and process know how and the creation of new positions.

The possibility of cooperating on a transnational scale is a great added value during the process of energy units setting up, enhancement of collaboration with energy agencies and upgrade of energy unit skills on a basis of different approaches and experience. For each partner it was very important to understand how other subjects had already faced and solved certain problems and above all share the different experiences to work together with the increase of the skills of the energy units.

### References to relevant deliverables and web-links

If applicable, pictures or images to be provided as annex

Deliverables: D.T.2.2.1, D.T.2.2.2, D.T.2.2.3, D.T.2.2.4

Weblink to training event and ppt presentations of the relators:

<https://www.golea.si/blog/2019/01/31/izjava-za-javnost-3-2-2-2-4/>

Weblink to video:

<https://www.youtube.com/watch?v=zfT-NoHv1hw>

# OT2.2

## Tools\_PP5 Grodzisk

12/2018

<b>Project index number and acronym</b>	CE496 Cities for a Good Energy Governance
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<b>Delivery date</b>	12/2018

### Summary description of the key features of the tool (developed and/or implemented)

The Municipality of Grodzisk decided to organize 3 workshops for the Municipal Police and Municipal staff about:

**MODULE 3 - technical knowledge of energy management**  
Air quality management and monitoring at the local level, emission sources monitoring and management.  
Air pollution - scientific background

**MODULE 1 - Strategy and planning**  
Energy and climate - related legislation (EU/national)

### NUTS region(s) where the tool has been developed and/or implemented (relevant NUTS level)

PL12A, Warszawski-zachodni

### Expected impact and benefits of the tool for the concerned territories and target groups

The main purpose of the trainings was to provide Municipal staff and police officers in Grodzisk Mazowiecki with knowledge about correct coal fuels application in typical ovens. This is necessary, as Municipal Police officers visit private houses when controlling the fuels used for heating, and Municipal staff often receive questions from citizens regarding the correct heating behavior as well as possible funding opportunities for energy efficient technologies in private buildings. Thus, both groups of representatives of the Municipality should be able to educate citizens concerning these issues.

The knowledge gained might be used by Municipal police officers for education of citizens during their on-the-spot controls of heating systems on private properties, as well as by Municipal staff in interactions with citizens. In consequence, the knowledge might be passed on to a vast number of citizens and in consequence bring about a significant change in energy awareness among the citizens of the Municipality.

### Sustainability of the tool and its transferability to other territories and stakeholders

The trainings created the situation in which education and information about energy issues has become one of the tasks of the Municipal Police and staff. By this fact, they will be identified by the citizens as a source of reliable information about these issues, which in consequence will lead to their further specialization in this field and thus guarantee that energy policies become of the routine tasks of the Municipality.

The active role in energy policy creation and education of the Municipality can be transferred to other Municipalities in Poland as well as in other CE regions.

### Lessons learned from the development/implementation process of the tool and added value of transnational cooperation

Municipal Police can play an active role in energy education if trained well. Grodzisk learned a lot in this respect from other CitiEnGov partners that were more experienced with energy policy creation, especially Weiz.

### References to relevant deliverables and web-links If applicable, pictures or images to be provided as annex

Deliverables: D.T.2.2.1, D.T.2.2.2, D.T.2.2.3, D.T.2.2.4

Weblink: [https://www.youtube.com/watch?v=\\_lKMUAOf3s4](https://www.youtube.com/watch?v=_lKMUAOf3s4)

<https://www.youtube.com/watch?v=XPJr3RcsA3M>

# OT2.2

Tools\_PP7 HBMO

12/2018

<b>Project index number and acronym</b>	CE496 Cities for a Good Energy Governance
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<b>Delivery date</b>	12/2018

**Summary description of the key features of the tool (developed and/or implemented)**

The HBMO County defined the followings topics for the Energy training that involved 20 people of the energy agency staff:

*Energy management*

1. *Energy efficiency*
2. *Energy management in buildings*
3. *Street lightning management*

*Energy data management*

1. *Energy database management*

*Renewable energy sources*

1. *Technologies*

*Sustainable energy planning*

1. *SECAP process*

*Finance*

1. *Funding sources of EE and RES*
2. *ESCO and energy performance contracting*

*Project management*

1. *International project management skills*

*Citizen engagement*

1. *Awareness raising*
2. *Social media*

*Communication and soft skills*

1. *Communication skills*

*Problem solving*

**NUTS region(s) where the tool has been developed and/or implemented (relevant NUTS level)**

HU321, Hajdú-Bihar

**Expected impact and benefits of the tool for the concerned territories and target groups**

The trainings measures were useful for energy managers of the Agency

### Sustainability of the tool and its transferability to other territories and stakeholders

The HBMO County chosen the following issue between the module defined in the transnational scheme:

MODULE 1 - Energy management and RES

MODULE 2- Strategy and planning

MODULE 3 - Finance and project management

MODULE 4 - Communication and engagement

The list can be used and the proposed scheme replicated for other training sessions in other Regions.

### Lessons learned from the development/implementation process of the tool and added value of transnational cooperation

The transnational cooperation was helpful to define the topics for the trainings.

### References to relevant deliverables and web-links If applicable, pictures or images to be provided as annex

Deliverables: D.T.2.2.1, D.T.2.2.2, D.T.2.2.3, D.T.2.2.4

Weblink: <https://www.youtube.com/watch?v=58jys8Qx3m0>



# OT2.2

**Tools\_PP8 Leag**

**12/2018**

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<b>Project website</b>	<a href="https://www.interregcentral.eu/Content.Node/CitiEnGov.html">https://www.interregcentral.eu/Content.Node/CitiEnGov.html</a>
<b>Delivery date</b>	12/2018
<b>Summary description of the key features of the tool (developed and/or implemented)</b>	

Leag organized 5 trainings for competency development of energy units in municipalities Jezersko, Jesenice, Tržič, Kamnik and GVP.

Based on the transnational training module Leag has chosen the following topics:

Energy management and regulation, financial management and funds, energy accounting, district heating, local energy concepts, energy cafes, strategic documents etc.

Scope of the trainings was to discuss:

- Biomass district heating in municipality
- Energy efficient street lighting
- ESCO and energy performance contracting
- Energy and climate - related legislation
- Energy related measurements
- The inclusion of RES in public and private investments
- Energy accounting - usage and application
- Energy usage - how energy efficient is their school
- Energy conservation measures - what can we do to lower energy consumption
- Organisational measures - save energy with no cost
- Motivate pupils to save energy
- Natural gas district heating in municipality
- The inclusion of RES in public and private investments
- Local renewable heating systems
- Energy refurbishment of municipal buildings
- International projects

### NUTS region(s) where the tool has been developed and/or implemented (relevant NUTS level)

LEAG's main activities are dealing with energy management for Municipalities in Gorenjska region, therefore trainings were conducted in municipalities in Gorenjska or that are bordering to Gorenjska (Municipality Kamnik). This area is defined as SI04 (NUTS level 1).

### Expected impact and benefits of the tool for the concerned territories and target groups

Impacts in municipalities were very important. Municipality Kamnik started with new energy management system, that enables to save and analyze data from the cloud. Before the implementation of this system the data was collected in excel. In Municipality Tržič we mostly trained staff in new financial initiatives. We presented the terms of new tender that enabled municipalities to apply for energy refurbishment of municipal building. In municipality Jezersko we presented mostly financial and technical challenges of district heating systems in smaller municipalities where usage of heat in system is small (low energy usage per m of pipes). The goal in Primary School Jesenice was to show employees that savings in energy is also possible without investing costs - only with the change of behavior.

### Sustainability of the tool and its transferability to other territories and stakeholders

Because our stakeholders are mostly connected with municipalities, we could be implementing these trainings also in the future. For example in Municipality Preddvor we organize Energy Café regarding district heating at the beginning of the CitiEnGov project. This knowledge and experiences were later used for training in Municipality Jezersko. We could also transfer this experiences to other stakeholders for example ESCO companies that are dealing with investments in municipalities.

### Lessons learned from the development/implementation process of the tool and added value of transnational cooperation

Transnational cooperation enable us to see how more or less same challenges are tackled in different parts of Europe. We for example realize why district heating system works beautifully in Weiz but the same cannot be said for other district heatings in Slovenia.

### References to relevant deliverables and web-links If applicable, pictures or images to be provided as annex

Deliverables: D.T.2.2.1, D.T.2.2.2, D.T.2.2.3, D.T.2.2.4

## OT2.2

### Tools\_PP10 City of Ludwigsburg

12/2018

<b>Project index number and acronym</b>	CE496 Cities for a Good Energy Governance
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<b>Project website</b>	<a href="https://www.interregcentral.eu/Content.Node/CitiEnGov.html">https://www.interregcentral.eu/Content.Node/CitiEnGov.html</a>
<b>Delivery date</b>	12/2018

#### Summary description of the key features of the tool (developed and/or implemented)

The City of Ludwigsburg organized one training about a energy management tool on 18th Octobre 2018 with 9 participants.

The Module chosen by Ludwigsburg was: Module 3 - technical knowledge of energy management

Field: Energy data management

General topics covered by the training: GIS - databases integration

Target of the training was: The people gain an overview over the content and functions which ISY (the citywide GIS) offers you. After attendance of the seminar you can start ISY, retrieve the desired information and create/print individual maps.

Training scope: The participants got knew knowledge about the system for geographical data ISY (Ludwigsburgs GIS - system for geographical data). They are now able to create thematic evaluations like Energy data analysis.

Target group: Staff members of the Public Administration who are handling with geographic referenced data

#### NUTS region(s) where the tool has been developed and/or implemented (relevant NUTS level)

DE115 (NUTS level 3)

### Expected impact and benefits of the tool for the concerned territories and target groups

Staff members within the PA know how to use geographic referenced data, how to integrate data into the existing data management tool and how to evaluate data thematically. Energy-related data can be used for different strategic plannings like light planning, local/regional energy planning, mobility planning. Therefore there will be a higher incentive to collect data and to consider

### Sustainability of the tool and its transferability to other territories and stakeholders

By acting as a good practice city in terms of data collection, data evaluation and using geographic referenced data for strategic plannings Ludwigsburg can help other cities to implement the same tool for energy data management. The tool will be used regularly and even more often with a wider knowledge about it within the PA. More geographic referenced data will be collected and therefore the energy data management system will get increasing importance. Stakeholders can help to enrich the data collection considering data security.

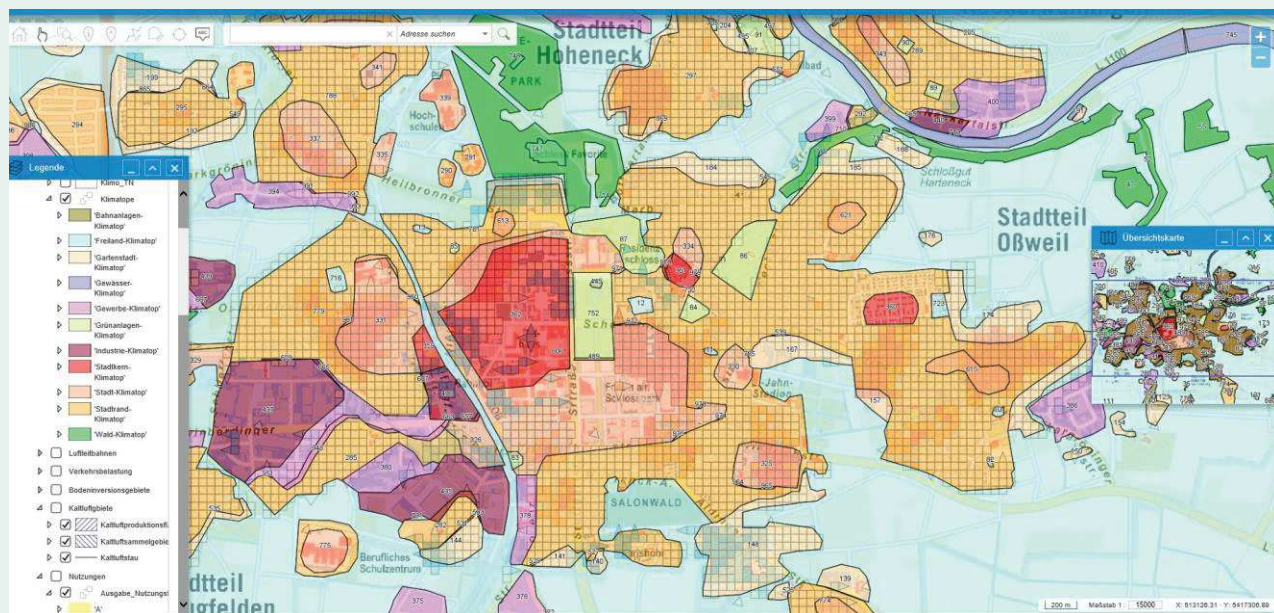
### Lessons learned from the development/implementation process of the tool and added value of transnational cooperation

The possibility of cooperating on a transnational scale is a great added value for the implementation of energy Units and their skills. For Ludwigsburg it was very interesting to see how other countries collect data. But it has to be taken into consideration that data security is very high in Germany.

### References to relevant deliverables and web-links If applicable, pictures or images to be provided as annex

Deliverables: D.T.2.2.1, D.T.2.2.2, D.T.2.2.3, D.T.2.2.4

Weblink: <https://www.youtube.com/watch?v=ywztpYxft0>





# OT2.2

## Tools\_LP Sipro

12/2018

<b>Project index number and acronym</b>	CE496 Cities for a Good Energy Governance
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<b>Delivery date</b>	12/2018

### Summary description of the key features of the tool (developed and/or implemented)

As part of the Citiengov project, Sipro has activated a fruitful collaboration with the Municipality of Ferrara to carry out various activities to support the local Energy Unit on issues related to the energy efficiency of buildings and the definition of a new SECAP.

The main actions activated are:

- Strengthening of the Energy Unit of the Municipality of Ferrara with technicians from various sectors. A Project Unit was created that involved professionals from 3 sectors of the Municipality (environment, planning, information systems).
- Collaboration with Centro Idea and Urban Center of the Municipality of Ferrara on training activities for citizens.
- The activities carried out within the CitiEnGov project, made with the collaboration of various bodies including the Municipality of Ferrara, can be considered "pilot projects" that can also be replicated in other contexts.

The trainings for the Energy Unit and the technicians which works on energy efficiency issues was a good chance to increase the knowledge. In Ferrara 4 training sessions have been organized on different themes about energy efficiency, energy and urban planning and te relation between energy efficiency and climate change

### NUTS region(s) where the tool has been developed and/or implemented (relevant NUTS level)

ITH56, Ferrara



### Expected impact and benefits of the tool for the concerned territories and target groups

The trainings measures are useful for the Energy Unit and other technicians of the Municipality of Ferrara and private engineers and architects interested in these topics. About 35 technicians participated to more than 2 of the 4 organized events.

### Sustainability of the tool and its transferability to other territories and stakeholders

Sipro and the Municipality of Ferrara have chosen the following issue between the 4 modules defined in the transnational scheme: strategy and planning, energy management, energy data management. The list can be used and the proposed scheme replicated for other training sessions in other Regions.

### Lessons learned from the development/implementation process of the tool and added value of transnational cooperation

The training schemes implemented have contributed to the enhancement of the institutional know-how and the creation of new positions, more skilled and technical, within the involved authorities.

### References to relevant deliverables and web-links If applicable, pictures or images to be provided as annex

Deliverables: D.T.2.2.1, D.T.2.2.2, D.T.2.2.3, D.T.2.2.4

Weblink: <https://www.youtube.com/channel/UCQrCPEln2nDvgsBAUMyqRcA/videos>

# OT2.2

## Tools\_PP4 City of Split

12/2018

<b>Project index number and acronym</b>	CE496 Cities for a Good Energy Governance
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<b>Delivery date</b>	12/2018

**Summary description of the key features of the tool (developed and/or implemented)**

The City of Split involved 20 representatives of City of Split, Split Energetic Society and Chamber of Commerce Split in a 3-days meeting (28.01 - 30.01.2019) to increase knowledge of EE and RES in Urban.

The topics analysed during the training were:

Legal framework:

- Energy and climate - related legislation (EU/National)
- Specific operative regulations (National/Local level)

Finance sources:

- Financial incentives for EE and RES
- Funding sources for EE and RES including Pilot project financing
- ESCO and energy performance contracting

Energy management:

- Energy management systems - concept, implementation, management (incl. Auditing)
- Energy efficient public lighting
- Energy efficient in public buildings
- Low energy/passive building construction
- Energy renovation of existing buildings
- Operative energy efficiency of buildings
- RES in new investments

Energy data management:

- Energy database development
- Energy database management
- Energy related measurements
- ICT controlling systems
- Data analysis (esp. Identification of savings)

**NUTS region(s) where the tool has been developed and/or implemented (relevant NUTS level)**

HR035, Splitsko-dalmatinska županija

**Expected impact and benefits of the tool for the concerned territories and target groups**

The trainings measures were useful for public authorities and the Chamber of Commerce of Split

### Sustainability of the tool and its transferability to other territories and stakeholders

Split has chosen the following issue between the 4 module defined in the transnational scheme:

MODULE 1 - Strategy and planning

MODULE 2 - Finance and project management

MODULE 3 - Technical knowledge of energy management

The list can be used and the proposed scheme replicated for other training sessions in other Regions.

### Lessons learned from the development/implementation process of the tool and added value of transnational cooperation

The possibility of cooperating on a transnational scale is a great added value for the implementation of energy Units and their skills. For each partner it was very important to understand how other subjects had already faced and solved certain problems and above all share the different experiences to work together with the increase of the skills of the energy units.

### References to relevant deliverables and web-links If applicable, pictures or images to be provided as annex

Deliverables: D.T.2.2.1, D.T.2.2.2, D.T.2.2.3, D.T.2.2.4

Weblink: [https://www.youtube.com/watch?v=J\\_jJ3KGpq10](https://www.youtube.com/watch?v=J_jJ3KGpq10)

# OT2.2

## Tools\_PP3 Weiz

12/2018

<b>Project index number and acronym</b>	CE496 Cities for a Good Energy Governance
<b>Lead partner</b>	SIPRO Development Agency-Ferrara
<b>Output number and title</b>	Output O.T2.2 Training module for improving competences of Energy Units
<b>Responsible partner (PP name and number)</b>	PP2 - City of Bydgoszcz
<b>Project website</b>	<a href="https://www.interregcentral.eu/Content.Node/CitiEnGov.html">https://www.interregcentral.eu/Content.Node/CitiEnGov.html</a>
<b>Delivery date</b>	12/2018

### Summary description of the key features of the tool (developed and/or implemented)

Weiz during the first transnational discussions about training topics reported their interest on the creation of intercultural skills, increasing mobility of labour with focus on business needs. This could definitely lead to highly qualified workforce which is a need expressed by all project partners. W.E.I.Z. stressed the need of the skills development for workers - in the education process

Weiz decided to organize 3 training sessions on:

- *Energy management systems*
- *Renewable energy sources*
- *Citizen engagement*
- *SECAP process*
- *Sustainable energy planning*
- *Energy database development*
- *Analysis of RES potential in the city*
- *Energy efficiency in water and wastewater facilities*
- *Energy renovation of existing buildings*
- *Operative energy efficiency of buildings*
- *Technologies - including new and developing technologies available*

### NUTS region(s) where the tool has been developed and/or implemented (relevant NUTS level)

AT224, Oststeiermark

### Expected impact and benefits of the tool for the concerned territories and target groups

The trainings measures were useful for public authorities and citizens in the city of Weiz

### Sustainability of the tool and its transferability to other territories and stakeholders

Weiz has chosen the following issue between the 4 module defined in the transnational scheme:

MODULE 1 - Strategy and planning

MODULE 3 - technical knowledge of energy management

MODULE 4 - communication and public awareness

The list can be used and the proposed scheme replicated for other training sessions in other Regions.

### Lessons learned from the development/implementation process of the tool and added value of transnational cooperation

The possibility of cooperating on a transnational scale is a great added value for the implementation of energy Units and their skills. For each partner it was very important to understand how other subjects had already faced and solved certain problems and above all share the different experiences to work together with the increase of the skills of the energy units.

### References to relevant deliverables and web-links If applicable, pictures or images to be provided as annex

Deliverables: D.T.2.2.1, D.T.2.2.2, D.T.2.2.3, D.T.2.2.4

Weblink: <https://www.youtube.com/channel/UCQrCPEln2nDvgsBAUMyqRcA/videos>