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*Block 2: Management of Energy Plans*



**Module 2.4. Local Energy Plans (SEAPs / SECAPs)**



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The module explains the local energy plans developed by cities and municipalities and the energy pathway in achieving the EU energy and climate targets



- **Covenant of Mayors for Climate and Energy**
- **Local Energy Plans SEAPs/SECAPs**
- **Development of SEAPs/SECAPs**
- **Local Energy Plans in the project partners regions**



The Covenant of Mayors was launched in 2008 in Europe to contribute to the implementation of the EU 2020 Energy and Climate targets on local level.

The initiative aims to gather local governments that will participate voluntarily in energy and climate action.

Up to the present time, the Global Covenant of Mayors counts for over 7000 local and regional authorities across 57 countries.



Cities, regions and municipalities voluntarily take action and obligation to reduce their CO<sub>2</sub> emission level up to or beyond 20 %.

To achieve this, the local authorities should implement and elaborate Sustainable Energy Action Plan (SEAP) or Sustainable Energy and Climate Action Plan (SECAP) in the following years after the commitment signatory.

These SEAP and SECAP plans present the process of the implementation and the realization of measures that are/will be provided on local level.



## SEAP and SECAP plans are/should be developed based on:

- Actions concerning public and private sector of the local authority
- Set the CO<sub>2</sub> reduction targets by 2020 and 2030
- Baseline Emission Inventory
- CO<sub>2</sub> reduction measures
- Energy Efficiency measures
- Time strategy and set of actions
- Long time vision

*Note: The initiation of measures applies to all sectors of the SEAP/SECAP, separately.*



# STAGES OF THE DEVELOPMENT OF SEAP/SECAP

## Initiation

- Political commitment
- Covenant signatory
- Participation and adaptation of administrative bodies
- Making support of stakeholders

## Planning

- Assessment of current situation
- Vision plan (targets)
- Elaboration of the plan
- Approval and submission

## Implementation

- Elaboration of measures
- Consultancies with other CoM
- Implementation of the measures

## Monitoring and Reporting

- Monitoring process
- Reporting and Submission
- Review



# LOCAL ENERGY PLANS IN THE PROJECT PARTNERS REGIONS

## Sustainable Energy and Climate Action Plan (2030) Statutory City of Liberec, Czech Republic



The project was supported by the funding program of the State Environmental Fund  
*The program offers support to members of the Covenant of Mayors to develop action plans for sustainable energy and climate (SECAP).*

- **Estimated total expenditure: 922 020 CZK**
- **Grant amount: 737 616 CZK**
- **Own contribution: min. 184 404 CZK**
- **Implementation period: 03.05.2016-30.04.2018**

Area	106.1 km <sup>2</sup>
Population density	103 562 (01.01.2015)
Geographic coordinates	50° 43'N 15° 4'E

### Project objectives:

Development of Sustainable Energy and Climate Action Plan that sets a plan for energy saving measures to reduce the amount of CO<sub>2</sub> produced in the City of Liberec by at least 20% (2020) / 40% (2030) compared to the baseline year (2000) and the implementation of the "Local Energy Days". The implementation of the project will lead to activities related to the reduction of greenhouse gas emissions and increase of energy efficiency.





## Sustainable Energy and Climate Action Plan (2030) Statutory City of Liberec, Czech Republic

### Project's structure and activities:

- Baseline Emission Inventory including a comprehensive overview of energy parameters, measurements, and analytical work
- Analysis of Climate Threats and Vulnerabilities
- Climate Adaptation Assessment Report
- Strategic document containing specific actions and measures leading to the reduction of CO<sub>2</sub> production in the territory, including budget, competencies, and possible sources of financing
- Public discussion and incorporating comments
- Introducing the final Action Plan to the public within the Local Energy Days

### Sectors included in the SECAP evaluation:

- Municipal buildings, equipment/facilities
- Tertiary (non-municipal) buildings, equipment/facilities
- Residential buildings
- Municipal public lighting
- Urban road transportation: municipal fleet
- Urban road transportation: public transportation
- Urban road transportation: private and commercial transportation
- Urban rail transportation



# INFORMATION ON NATIONAL LEVEL IN PROJECT'S PARTNER REGIONS



## AUSTRIA

Source of information	Link / PDF / Video document
SEAPs/SECAPs example: Energiekonzept Gemeinde Neusiedl am See (de) [pdf]	<a href="http://www.espan.at/uploads/tx_mdownloadbox/Eisenstadt_Energieanalyse_inkl_MK_fin.pdf">http://www.espan.at/uploads/tx_mdownloadbox/Eisenstadt_Energieanalyse_inkl_MK_fin.pdf</a>
EKKO - EnergieKonzepte für KOmmunen (de)	<a href="http://www.zukunftburgenland.at/front_content.php?idcat=364">http://www.zukunftburgenland.at/front_content.php?idcat=364</a>



# INFORMATION ON NATIONAL LEVEL IN PROJECT'S PARTNER REGIONS



## CROATIA

Source of information	Link / PDF / Video document
City of Pula Energy Efficiency Action Plan for the Period 2017 - 2020 / Akcijski plan energetske učinkovitosti Grada Pule 2017.-2019. (cr) [pdf]	<a href="http://cei.hr/upload/2017/04/grad_pula_58e64102cadb6.pdf">http://cei.hr/upload/2017/04/grad_pula_58e64102cadb6.pdf</a>
City of Pula Annual Energy Efficiency Plan for 2017 / Godišnji plan energetske učinkovitosti Grada Pule za 2017. Godinu	<a href="http://www.irena-istra.hr/uploads/media/Godisnji_plan_energetske_ucinkovitosti_Grada_Pule_2017..pdf">http://www.irena-istra.hr/uploads/media/Godisnji_plan_energetske_ucinkovitosti_Grada_Pule_2017..pdf</a>



# INFORMATION ON NATIONAL LEVEL IN PROJECT'S PARTNER REGIONS



## CZECH REPUBLIC

Source of information	Link / PDF / Video document
Sustainable Energy and Climate Action Plan (2030) Statutory City of Liberec, Czech Republic (cz)	<a href="http://www.liberec.cz/cz/radnice/strategie-projekty/projekty-mesta/secap-energeticky-udrzitelny-liberec/secap-energeticky-udrzitelny-liberec.html">http://www.liberec.cz/cz/radnice/strategie-projekty/projekty-mesta/secap-energeticky-udrzitelny-liberec/secap-energeticky-udrzitelny-liberec.html</a>



# INFORMATION ON NATIONAL LEVEL IN PROJECT'S PARTNER REGIONS



## GERMANY

Source of information	Link / PDF / Video document
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# INFORMATION ON NATIONAL LEVEL IN PROJECT'S PARTNER REGIONS



## HUNGARY

Source of information	Link / PDF / Video document
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# INFORMATION ON NATIONAL LEVEL IN PROJECT'S PARTNER REGIONS



## ITALY

### Veneto (LP)

Source of information	Link / PDF / Video document
Main objectives of the Energy Plan on Local level / Strumenti operativi (it)	<a href="http://energia.regione.emilia-romagna.it/entra-in-regione/politiche-europee/patto-dei-sindaci-2/strumenti-operativi">http://energia.regione.emilia-romagna.it/entra-in-regione/politiche-europee/patto-dei-sindaci-2/strumenti-operativi</a>

### Emilia Romagna

Source of information	Link / PDF / Video document
Covenant of Mayors for Climate & Energy (it)	<a href="http://energia.regione.emilia-romagna.it/entra-in-regione/politiche-europee/patto-dei-sindaci-2/patto-dei-sindaci">http://energia.regione.emilia-romagna.it/entra-in-regione/politiche-europee/patto-dei-sindaci-2/patto-dei-sindaci</a>



# INFORMATION ON NATIONAL LEVEL IN PROJECT'S PARTNER REGIONS



POLAND

Legnica

Source of information	Link / PDF / Video document
Guidance document - How to develop a Sustainable Energy Action Plan (pl)	<a href="http://nfosigw.gov.pl/o-nfosigw/porozumienie-burmistrzow/plany-seap">http://nfosigw.gov.pl/o-nfosigw/porozumienie-burmistrzow/plany-seap</a>





# INFORMATION ON NATIONAL LEVEL IN PROJECT'S PARTNER REGIONS



POLAND

Lubelskie

Source of information	Link / PDF / Video document
SEAP Community of Niemce	<a href="https://www.niemce.pl/aktualnosci/plan-gospodarki-niskoemisyjnej/n,14709,plan-gospodarki-niskoemisyjnej-pgn.html">https://www.niemce.pl/aktualnosci/plan-gospodarki-niskoemisyjnej/n,14709,plan-gospodarki-niskoemisyjnej-pgn.html</a>  <a href="https://cdn02.sulimo.pl/media/userfiles/niemce.pl/aktualnoci/2015/sierpien/8b4c94e0c258d9f0cdce44d43c45757b.pdf">https://cdn02.sulimo.pl/media/userfiles/niemce.pl/aktualnoci/2015/sierpien/8b4c94e0c258d9f0cdce44d43c45757b.pdf</a>
SEAP City of Lublin	<a href="https://lublin.eu/mieszkanicy/srodowisko/zarzadzanie-energia/plan-gospodarki-niskoemisyjnej/">https://lublin.eu/mieszkanicy/srodowisko/zarzadzanie-energia/plan-gospodarki-niskoemisyjnej/</a>  <a href="https://lublin.eu/gfx/lublin/userfiles/_public/mieszkanicy/srodowisko/energia/plan_gospodarki_niskoemisyjnej_dla_miasta_lublin.pdf">https://lublin.eu/gfx/lublin/userfiles/_public/mieszkanicy/srodowisko/energia/plan_gospodarki_niskoemisyjnej_dla_miasta_lublin.pdf</a>



# INFORMATION ON NATIONAL LEVEL IN PROJECT'S PARTNER REGIONS



POLAND

Lubelskie

Source of information	Link / PDF / Video document
SEAP Community of Zwierzyniec	<a href="http://www.zwierzyniec.info.pl/index.php?option=com_content&amp;view=article&amp;id=1232:plan-gospodarki-niskoemisyjnej&amp;catid=41:aktualnoci&amp;Itemid=71">http://www.zwierzyniec.info.pl/index.php?option=com_content&amp;view=article&amp;id=1232:plan-gospodarki-niskoemisyjnej&amp;catid=41:aktualnoci&amp;Itemid=71</a> <a href="https://zwierzyniec.e-biuletyn.pl/upload/pliki/uch152.pdf">https://zwierzyniec.e-biuletyn.pl/upload/pliki/uch152.pdf</a>
SEAP Community of Grabowiec	<a href="http://www.grabowiec.pl/bip1/PGN/pgn_grabowiec.pdf">http://www.grabowiec.pl/bip1/PGN/pgn_grabowiec.pdf</a>



<https://www.covenantofmayors.eu/about/covenant-initiative/origins-and-development.html>

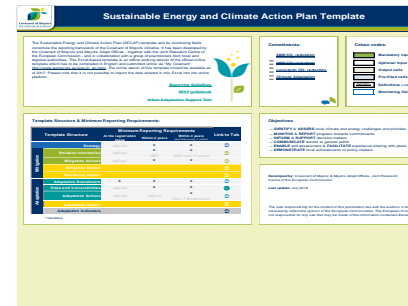
[https://www.eumayors.eu/IMG/pdf/seap\\_guidelines\\_en.pdf](https://www.eumayors.eu/IMG/pdf/seap_guidelines_en.pdf)

[http://mycovenant.eumayors.eu/docs/seap/19514\\_1459614153.pdf](http://mycovenant.eumayors.eu/docs/seap/19514_1459614153.pdf)

<http://publications.jrc.ec.europa.eu/repository/handle/JRC107518>

<http://www.liberec.cz/cz/radnice/strategie-projekty/projekty-mesta/secap-energeticky-udrzitelny-liberec/secap-energeticky-udrzitelny-liberec.html>

SECAP Template provided by the Covenant of Mayors:



# Thank you for your attention

