

Bulgarian Municipalities Working Together to Improve Air Quality

LIFE Programme of the European Union
LIFE17 IPE/BG/000012 - LIFE IP CLEAN AIR

LIFE Projects' Workshop on Air Quality

Wieliczka, Poland, 25-26 February 2020



Project location: Bulgaria

Total amount: 16 666 266 EUR

% EC Co-funding: 60%

Duration: 02/10/2018 - 02/10/2024

Coordinating Beneficiary: Sofia Municipality

Associated Beneficiaries: The municipalities of Burgas, Ruse, Stara Zagora, Veliko Tarnovo and Montana, and the NGO Club „Economika 2000“



MAIN PROJECT OBJECTIVES

- **Improvement of the air quality** in the municipalities of Sofia, Burgas, Veliko Tarnovo, Montana, Ruse and Stara Zagora
- **Building and improving the capacity** of the administration of the six municipalities to:
 - implement the measures, included in the AQPs
 - carry out overall monitoring and control, ensuring the air quality
 - use different sources of financing for implementation of air quality measures
 - elaborate AQPs for the next programming period

MAIN PROJECT OBJECTIVES

- **Raising the awareness** and creating a well-informed community of citizens and NGOs
- **Increasing the capacity of all municipalities** in Bulgaria **with poor air quality** in the matters relating to air quality management
- **Improving the transfer of know-how and experience** in the field of air quality through networking with other EU municipalities, responsible institutions, similar projects, etc.

POLICIES IMPLEMENTED

- **Municipal Air Quality Programs (AQP) in six Bulgarian municipalities – Sofia, Burgas, Ruse, Stara Zagora, Veliko Tarnovo and Montana – related to household heating with wood and coal**
- **National Air Quality Program 2018-2024**
- **Directive 2008/50/EC on ambient air quality and cleaner air for Europe**
- **Directive (EU) 2016/2284 on the reduction of national emissions of certain atmospheric pollutants**
- **Regulation (EU) No 1293/2013 on the establishment of a Programme for the Environment and Climate Action (LIFE)**
- **The Clean Air Programme for Europe**
- **Living well, within the limits of our planet: the 7th EAP (2014-20)**

EXPECTED IMPACT

- Main project impact – reduction of PM_{10} pollution in the 6 municipalities
- Now: PM_{10} pollution – 10 526 t/y
- PM_{10} pollution reduction by the end of the project:
 - 160 t/y by IP actions and
 - 3 700 t/y by Complementary actions

The expected result is calculated on the basis of data for energy consumption, emission factors and number of households with replaced heating devices.

PROJECT PHASES

2 Oct 2018

2 Oct 2024



PHASE 1

PHASE 2

PHASE 3

15 months

15 months

42 months



PHASE 1 Preparatory

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- Action A1. **Analysis of AQPs and collection of additional information**
- Action A2. **Assessment of household heating as a source of air pollution**
- Action A3. **Alternatives for household heating and market research**
- Action A4. **Analysis of the Target Energy Assistance Program of Bulgaria**
- Action A5. **Design of a Scheme for transition towards alternative forms of household heating**
- Action A6. **Capacity building**



PHASE 2

- **Pilot testing** of the Scheme for transition to alternative forms of heating - 500 households in the 6 municipalities
- **Assessment** of implementation mechanism and changes if needed



PHASE 3

- Full implementation of the Scheme - 10 000 households
- Assessment of its implementation
- Proposal for replication of the Scheme via the National Association of Municipalities in the Republic of Bulgaria

Horizontal actions – capacity building, awareness/dissemination, project management, project monitoring and impact assessment

IP MANAGEMENT AND IMPLEMENTATION FRAMEWORK

- Signed partnership agreements
- Steering Committee
- Project Implementation Unit to the Coordinating Beneficiary
- Expert Center to CE2000
- Local Management Units to all beneficiaries
- Local Air Quality Experts in the IP municipalities
- Coordination Group



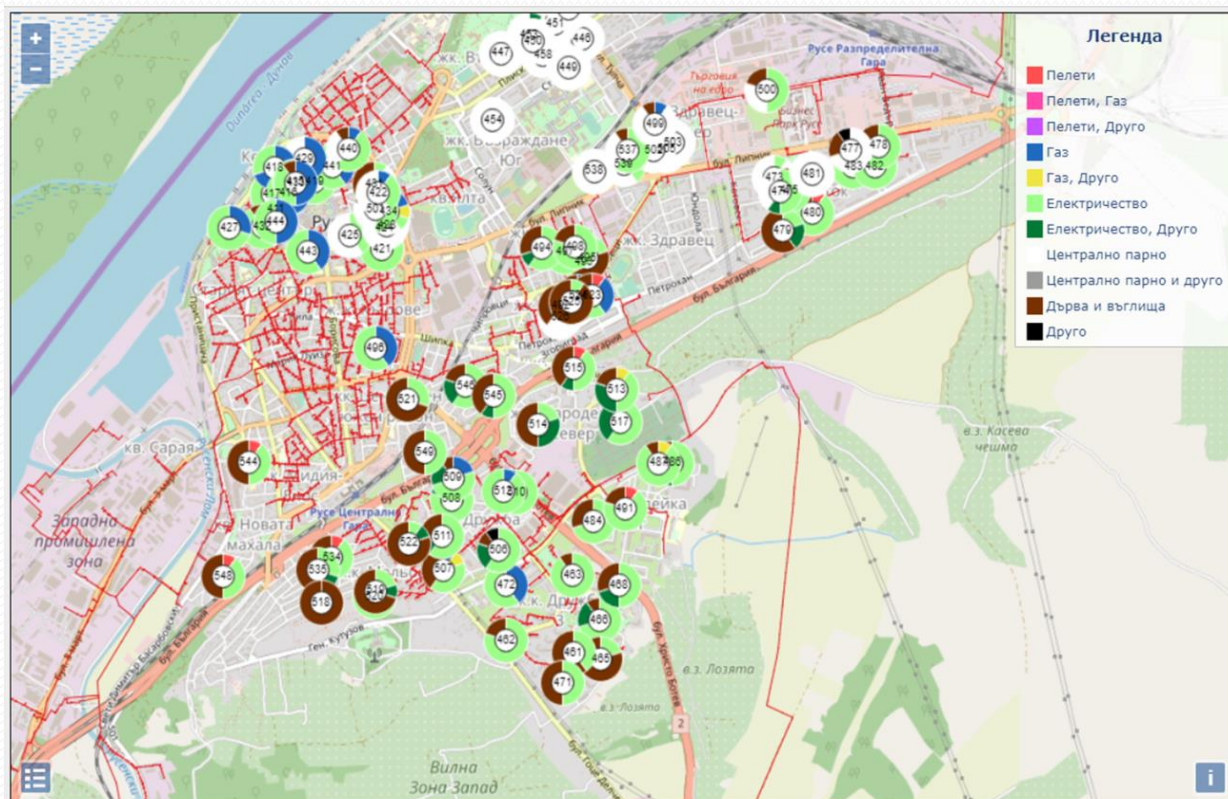
PROGRESS ACHIEVED IN PHASE 1

- AQPs assessment completed - **sufficiency and reliability** of the information, and **recommendations** to overcome the identified gaps, collection of additional information
- **Selected contractor** to supply 12 monitoring stations – expected contract signature
- Elaborated **Draft methodical instructions** for air quality assessment for AQPs elaboration for reduction of emission of PM₁₀ and PM_{2.5} and achieving emission standards
- Elaborated **specific plan for replication**

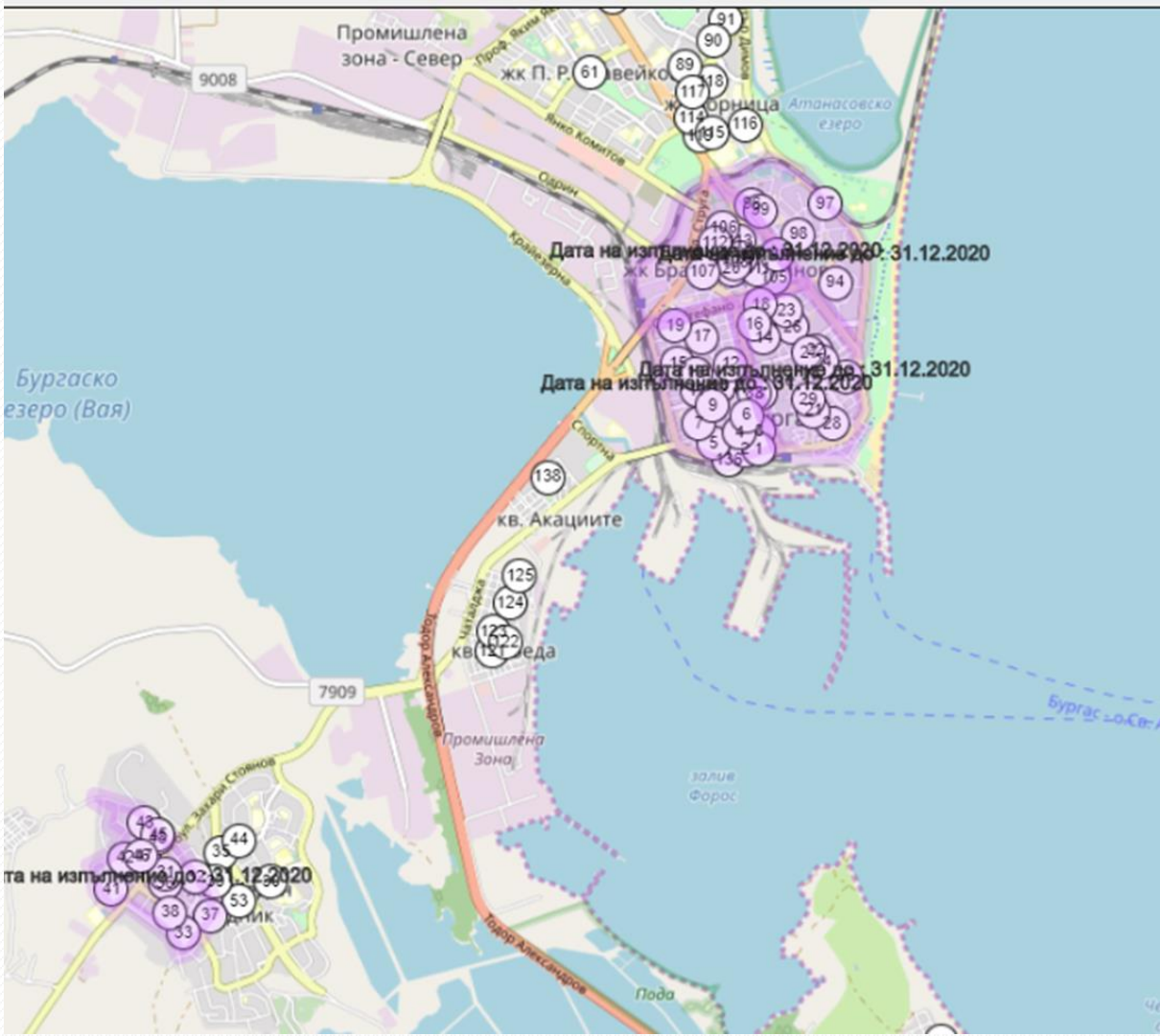


PROGRESS ACHIEVED IN PHASE 1

- Carried out **sociological surveys** in the IP municipalities
- Identified and prioritized **IP intervention regions/areas**



PROGRESS ACHIEVED IN PHASE 1



Intervention
Areas
Burgas

PROGRESS ACHIEVED in PHASE 1

- **Market research** for the alternative options for household heating and identification of manufacturers
- Face-to-face **survey** of 8 producers/importers
- **Summary report** on the applicable options in each IP municipality



THERMILUX

BURAIT
by **SUNSYSTEM**



Отопление



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AND
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www.starteco.by

water 25 kW 180 m²

PROGRESS ACHIEVED in Phase 1

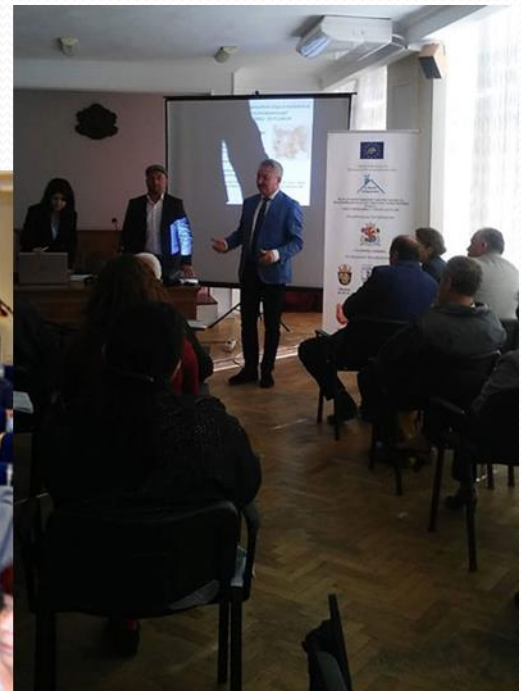
- Assessment of the current design of the Target Energy Assistance Programme and recommendations for optimization

- “Social criteria” included in the Schemes of 5 municipalities



PROGRESS ACHIEVED in PHASE 1

- **Draft concept for a Scheme** for transition towards alternative forms of household heating in **each IP municipality**
- Available at the project web site and the sites of all municipalities for public consultations
- **Public discussions** in each municipality
- **Final concept for a Scheme**



PROGRESS ACHIEVED in PHASE 1

- Online calculator on the IP project web site

Онлайн калкулатор

1. Какво гориво ще използвате:

- Пелети
 Газ

2. Каква ще е отоплителната система:

3. Вашето жилище е:

Брой помещения общо

Брой отопляеми помещения с
отоплителния уред

Площ на жилището общо (кв. м)
Площ на отопляемите
помещения (кв. м)

Височина от пода до тавана
средно (м)

4. Вашето жилище е:

Покажи нашата препоръка

Нулирай попълнените данни

PROGRESS ACHIEVED in PHASE 1

- Building the capacity of the CB, the AB and stakeholders
 - Hired air quality experts
 - General training in administrative and financial issues
 - Specialized trainings in public relations, AQP assessment, modelling emission sources, energy efficiency, team work, sociological surveys, monitoring and assessment, project management



PROGRESS ACHIEVED

- **Building the capacity of the CB, the AB and stakeholders**
 - **Created and maintained FTP server for information exchange among the project partners**
 - **Network for cooperation in the AQ area**
 - **consultations with the National Association of Municipalities in the Republic of Bulgaria**
 - **letters sent to all municipalities in Bulgaria**
 - **14 municipalities have joined the network so far**



PROGRESS ACHIEVED

- Elaborated **Communication strategy** for the entire duration of the IP with action plan
- Created and updated **project website. New design available**
- Created and updated **profiles** in the social media
- Carried out national and local **press conferences**
- Established **local information centers**
- Elaborated **information boards and banners**
- **Information materials (leaflets, pens, flash drives, folders, etc.)** – public procurement, expected contract signature


Project website

Created and launched in March 2019 - www.lifeipcleanair.eu

← → ↻ Not secure www.lifeipcleanair.eu/bg-bg/начало.aspx

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Регистрация | Влизане | bg ▼




С финансовия принос на Програма LIFE на Европейския съюз

БЪЛГАРСКИТЕ ОБЩИНИ РАБОТЯТ ЗАЕДНО ЗА ПОДОБРЯВАНЕ НА КАЧЕСТВОТО НА АТМОСФЕРНИЯ ВЪЗДУХ

LIFE-IP CLEAN AIR

LIFE17 IPE/BG/000012



НАЧАЛО | НОВИНИ | ЦЕЛИ | ДЕЙНОСТИ | СЪБИТИЯ | ПАРТНЬОРИ | КОНТАКТИ

ОБЩА ИНФОРМАЦИЯ

Проектът „Българските общини работят заедно за подобряване на качеството на атмосферния въздух“ (LIFE-IP Clean Air) е интегриран проект по смисъла на РЕГЛАМЕНТ (ЕС) № 1293/2013 НА ЕВРОПЕЙСКИЯ ПАРЛАМЕНТ И НА СЪВЕТА от 11 декември 2013 година за създаване на Програма за околната среда и действията по климата (LIFE) и за отмяна на Регламент (ЕО) № 614/2007.

Интегрираните проекти изпълняват в голям териториален мащаб (регионален, многорегионален, национален или транснационален) стратегии или планове в областта на околната среда или климата, изисквани от специфичното законодателство на ЕС в посочената област, разработени съгласно други актове на Съюза или разработени от органите на държавите, като същевременно гарантират участие на заинтересованите страни и насърчават мобилизиране и координиране с поне още един подходящ източник на финансиране от Съюза, на национално равнище или от частния сектор.



LIFE-IP Clean Air е насочен към изпълнение на Програмата за качеството на атмосферния въздух на Столична община, Община Бургас, Община Русе, Община Стара Загора, Община Велико Търново и Община Монтана.

Главната цел на интегрирания проект е подобряване качеството на въздуха в общините София, Бургас, Русе, Стара Загора, Велико Търново и Монтана. Основният инструмент за постигане на целта е разработване и прилагане на схема за преход към алтернативни форми за отопление на домакинствата в шестте общини. Схемата включва преминаване от отопление на дърва и въглища към отопление на пелети, газ или използване на централна топлофикация.

Интегрираният проект е с продължителност 6 години – от октомври 2018 г. до октомври 2024 г.

Бюджетът на проекта е 16,7 млн. евро, като финансовият принос от Европейската комисия е 60%.

Информация за проекта е налична на [интернет сайта на Европейската Комисия - Програма LIFE](http://internet.site.com)



Информация на интернет страницата на проекта отразява само викацията на авторите. Изпълнителна агенция за малки и средни предприятия на ЕС не носи отговорност за използването на информацията, съдържаща се в нея.

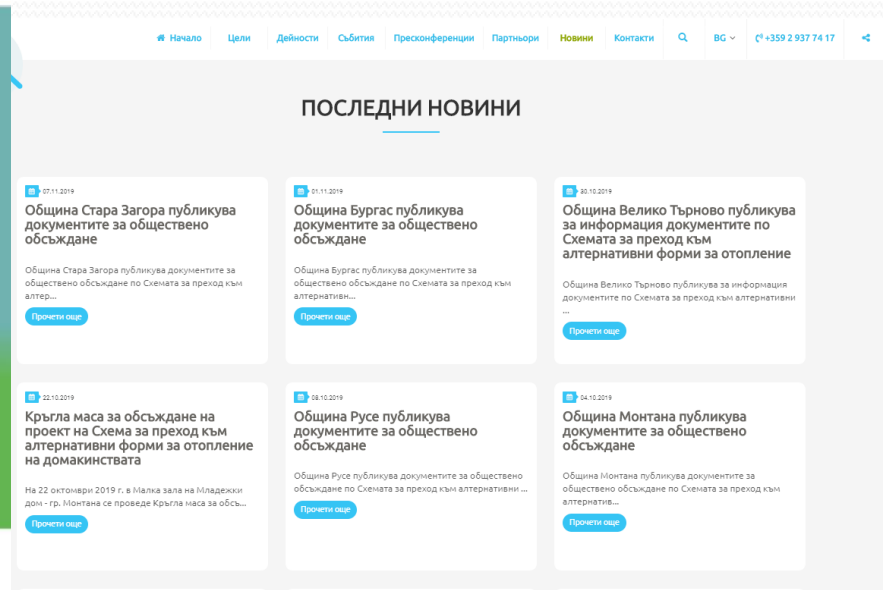
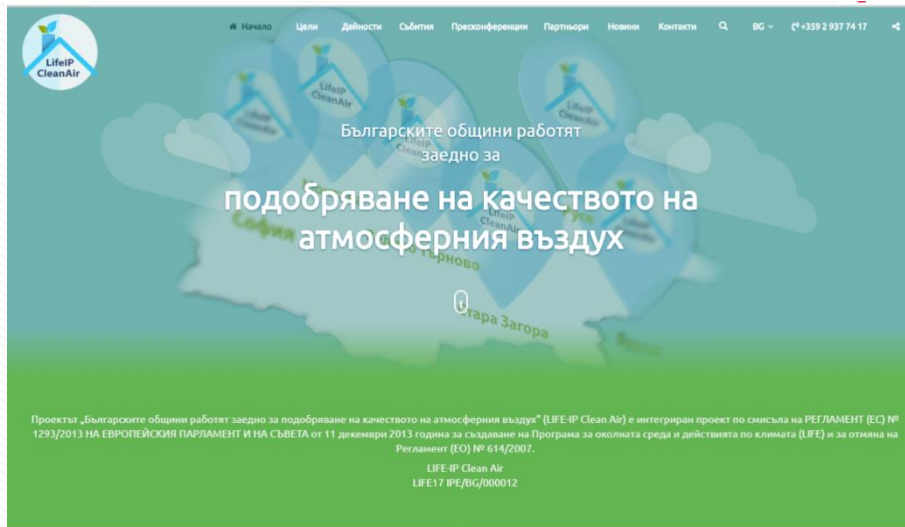


Project website

- In compliance with the Grant Agreement
- Bilingual - in Bulgarian and English
- Regularly updated
- The websites of all project beneficiaries contain a link to the project website
- Project logo



Redesigned project web site



ЗА ПРОЕКТА



Продължителност и бюджет

Интегрираният проект е с продължителност 6 години – от октомври 2018 г. до октомври 2024 г. Бюджетът на проекта е 16,7 млн. евро, като финансовият принос от Европейската комисия е 60%. Информация за проекта е налична на интернет сайта на Европейската Комисия – Програма LIFE

ВИДЕО



Demo version:

<http://lifeipcleanair.dotmedia.bg/>

Not launched yet – considered as a risk during the period of application for participation in the Scheme

Profiles in social media

- FACEBOOK - Page: LIFE Integrated Project Clean Air
- TWITTER - https://twitter.com/clean_ip
- INSTAGRAM -
https://www.instagram.com/life_ip_clean_air/

**THANK YOU FOR YOUR
ATTENTION!**