



Faculty of Technology and  
Technical Sciences Veles



"St. Kliment Ohridski" University - Bitola



## **PROGRESS ACTIVITY REPORT No 3. (PP7)** **(01/06/2018 - 31/12/2018)**

### **2.1. Summary of the project's achievements so far**

Within the framework of **WP1**:

Three representatives (2 Project Team members and Project Manager) were present on Steering Committee Meeting and transnational conference/workshop which took place on 07/06/18 in Limassol. A video, an example of leaflet and Poster designed from our Team members, translated in English were presented on the conference in Limassol by the Project Manager.

Third international meeting took place in Sofia on 11-12/10/18 where 4 participants (3 Project Team members and Project Manager) participated to transnational workshop to exchange experience about the implementation of BAS Action Plan. The Project Manager presented the results of a Questionnaire applied in the target schools in Veles and Bitola in order to put a light on an actual situation in waste collection on these locations. Our Financial Manager participated on MIS Seminar which took place in Thessaloniki on 27<sup>th</sup> of November, 2018. It should be noted, that this Seminar was not included in our budget line, therefore the expenses should be verified as eligible in addition.

Within the frame of **WP2**:

The Firm engaged produced leaflets (1500), small A4 posters for kindergartens (45), big posters (50), and CDs (50) with video about waste management promotion and delivered to each Kindergarten, Elementary and High school in Veles and Bitola. A design of stitches for bins and containers (for plastic and paper collection) was made.

During November 2018, two events took place. The first one was during the World Day of Ecological Movements on 17<sup>th</sup> of November, 2018 in the Elementary School "Blaze Konevski" in Veles. Beside their program we were included to promote Bas Project and participate in the discussion (Photos in the Promotion Report). A journalist report the BAS promotion on his site [http:// tirecovmirce.com/Novost](http://tirecovmirce.com/Novost). In Bitola, there was an event were our Team member, representatives of the Local authorities in waste management "Komunalec" in Bitola and the Directors of the schools were present and the BAS Project was promoted with discussion how it can be smoothly implemented.

Furthermore, Team members responsible for monitoring the implementation of the BAS pilot activity made a List of contact persons from the kindergartens/ schools which will be

obliged to refer the amount of separate waste collection (paper and plastic) on monthly bases.

Within the framework of **WP3**:

According to draft Action Plan delivered by LP taking into consideration the national regulations and actual situation in solid waste management in Republic of Macedonia, a synthesized working version of Action Plan analyzing the situation, implementation of a pilot study, monitoring and evaluation was made in Macedonian language in November 2018, and completed in December 2018. A short summary in English language is in preparation.

To get an overall picture for the current waste management situation in the educational institutions in Veles and Bitola such as: Waste management, selective collection and recycling; Benefits for waste separate collection; The level of education about selective waste collection of the educational institution staff, children and pupils; Perspectives and opinions about the BAS Project; Problems connected with selective waste collection, and Recommendations our Team members created a Questionnaire (10 questions ) organized in 5 themes was made: Theme 1: Current situations of waste management in kindergartens, elementary and high schools (questions 1 to 4); Theme 2: Existence of benefit system for selective waste collection - current situation (questions 5 and 6); Theme 3: The level of education (knowledge about the significance and benefits of separate selection and recycling ) and the need for such an education of the children and pupils (questions 7 and 8); Theme 4: Perspectives of the BAS Project (question 9); Theme 5: Recommendations for waste management improvement (question 10). The results of the investigation were incorporated in the Action Plan.

Within the framework of **WP4**:

According to national legislation a tender with electronic auction was made and 186 (93 yellow and 93 blue) bins (120 liters); 60 bins (30 yellow and 30 blue) bins (70 liters) for the kindergartens, and 51 containers (17 yellow and 41 blue) of 1.1 m<sup>3</sup> were provided and delivered to the schools according to the List of the needs prepared for each school.

Local institutions for waste management in Veles and Bitola delivered the bins and containers according to the List of needs to each school.

A template for the amount of separated waste collection evidence on monthly bases was prepared and delivered to the schools.

## **2.2. Summary of the project's achievements during this reporting period**

During 01/06/2018 – 31/12/2018 main achievements were: 1) Presence on transnational conference (Limassol) where good knowledge about good practices in recycle and composting sectors could be acquired; 2) Presence on the international meeting in Sofia exchanging experience about the implementation of BAS Action Plan; 3) Attendance on the MIS Seminar in Thessaloniki; 4) Production and delivery of leaflets, posters, CDs video promotion material to each school in Veles and Bitola; 5) Two events organized in Veles and Bitola; 6) Promotion of the BAS Project on one local site; 7) A List of contact persons from

each kindergartens/ schools which will be obliged to refer the amount of separate waste collection (paper and plastic) on monthly bases was prepared; 8) To get an overall picture for the current waste management situation in the educational institutions in Veles and Bitola a Questionnaire was conducted and certain conclusions upon the results were made; 9) Action Plan for Veles and Bitola compiled in one Report was prepared in Macedonian language; 10) 246 bins and 51 containers were provided and delivered to the schools in Veles and Bitola; 11) A template for the amount of separated waste collection evidence on monthly bases was prepared.

### **2..3. Analytical description**

**WP1:** Project Manager and 2 Team members attended 2<sup>nd</sup> Steering Committee Meeting, the workshop and conference which took place in Limassol on 7<sup>th</sup> of June, 2018 (D1.7.1; D3.7.3)

Project manager and 3 participants attended the 3<sup>rd</sup> international meeting in Sofia on 11-12 October, 2018 (D1.7.1; D4.7.5).

Financial Manager attended MIS Seminar which took place in Thessaloniki on 27<sup>th</sup> of November, 2018 (not scheduled in budget line).

**WP2:** Leaflets (1500), small A4 posters for kindergartens (45), big posters (50), and CDs (50) with video about waste management promotion were delivered to each Kindergarten, Elementary and High school in Veles and Bitola. A design and production of stitches (335) for bins and containers (for plastic and paper collection) was made (D2.7.3).

Two events had been organized in Veles and Bitola (D2.7.2).

A journalist from Veles reported the BAS promotion on his site <http://tirecovmirce.com/Novost> (D2.7.4).

**WP3 :** Representatives of PP7 participated to Limassol transnational workshop for (D.3.7.3.).

Action Plan compiled in 1 Report was prepared in Macedonian language (D3.7.1)

A Questionnaire for collecting data about selective waste collection in Veles and Bitola, supporting BAS Action Plan was performed (D3.7.1)

**WP4:** 246 bins and 51 containers were provided and delivered to the schools in Veles and Bitola for selective collection of paper and plastic (D4.7.3).

### **2.4. Next steps to be taken for project's implementation**

PP7 will purchase a printer, laptop and 2 weight machines with an option to be provided by private collectors who have already a system for waste measurement; organize 2 conferences and training.

### **2.5. Problems encountered and proposed solutions**

#### **PP7:**

1. The main problem is lack of money which slows down the whole process of Project activity implementation. Since we spent certain amount of money supported by the

University and by our own, we can engage the FLC soon. Therefore we find extremely hard to realize all Project activities defined under Project conditions of pre- financing.

2. There are higher opportunities for the schools in Veles, to make a Contract with private Companies possessing a license for separate waste collection, so there is a higher possibility of benefit compared with the situation in Bitola. However, The Communal Authority for waste collection in Bitola is equipped with better infrastructure for collection than Veles, but there is no way of payment to the schools according to national legislative.
3. We suppose that the implementation of pilot activities starting in January 2019, will go with certain difficulties, but continuous coordination between all Project actors might facilitate the process.

#### **2.6. Changes in the Implementation**

As educational institution, we thought that training activities can be performed by our staff members- professors (D4.7.4.). We would like if JS can take this into consideration, however there was not atmosphere for this change.

### **PUBLICITY**

**PP7:** In another Ward Document attached.