



Date: 12.12.2015

No. 1/2015

Subject: **Statistical Approach's Report**

The project **Waste management curricula reform in partnership with public and private sector** has the two main goals:

- to improve the state of education in Serbia in the field of waste management and to promote and strengthen existing capacities of higher education in the Republic of Serbia;
- to raise awareness of society about the importance of the entire process of waste management and the possibilities of social development and poverty reduction.

As the work package 6 of the project, which means the quality control, it will be necessary to apply mechanisms of statistical approach for:

1. Develop and adopt the quality control mechanisms and
2. Conduct internal and external peer reviews in a timely manner.

Besides the standard statistical methods, it will be implemented:

- Test the dependence of two categorical variables using a Chi-square test of independence;
- Estimate the difference of two means in a paired comparison study using a t-statistic;
- Test to compare several population means;

In data processing will be used packages Excel and Statistica to provide statistical visualisation and statistical quality improvement.

This approach it will certainly contribute to quality control and monitoring content of the whole project, objectives, adopted methodological models, timely realization of the activities, dissemination, exploitation, coordination within and among working groups and effectiveness of the whole process. This will provide the basis for a critical overview of the project progress (in every activity and overall progress), achieved outcomes in the passed project year.

dr Milica Cvetkovic
dr Dejan Blagojevic