

Final Report: Research stay at Freie Universität Berlin

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Waste management. Extended responsibility of manufacturer for waste utilization.

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This research stay was a continuation of a co-operation established during a teaching visit of Prof. Theocharis Grigoriadis to St. Petersburg State University. The senior research stay in December 2019 included some research in the field of waste management practices at Freie Universität Berlin and other German organizations, as well as meetings and the preparation of research papers.

During the research stay at Freie Universität Berlin, I discussed with Prof. Theocharis Grigoriadis an economic component to a waste utilization system in Germany and possibilities of its implementation in Russian Federation.

During the stay, I identified some advantages of Extended Responsibility of Producer implementation in Germany:

- New industry established in collection, dismantling and processing of waste streams
- Better design of products to reduce compliance costs
- Avoidance of unnecessary packaging materials
- Encouragement of high and growing collection and recycling rates
- Development of new systems (implementation of refundable deposit systems)

After the research stay, I am working on an adaptation of the German model of ERP for the Russian market.

I communicated and exchanged experience with colleagues discussing the organization of the learning process.

During the research stay, the practice of waste handling in FUB was in focus as well. St. Petersburg State University seeks to improve its own waste handling system and many of the procedures, implemented at FUB, seem to be applicable for SPbU as well.