

PREFACE

This tutorial was prepared in the framework of the KS1670 project “Finnish-Russian Public-Private Partnership Stimulates Green New Business” (Cata3Pult) under the South-East Finland-Russia Cross-Border Cooperation Program 2014-2020. On the Russian side, the project is being implemented by the LLC "KOSMOS" and the Non-Commercial Partnership "CITY ASSOCIATION OF HOUSEHOLDERS", on the Finnish side - by the project lead partner - the municipality Lappeenranta, “Green Net Finland - Clean Technology Cluster of the Helsinki-Uusimaa Region of Finland” and the Metropolia University of Applied Sciences, Helsinki.

The tutorial was compiled by the team of Russian and Finnish experts and contains information that was prepared during implementing Cata3Pult project, conducting joint Russian-Finnish webinars and discussing their results.

The tutorial also uses materials prepared by the Russian authors within the framework of the project 585761-EPP-1-2017-1-FI-EPPKA2-CBHE-JP Erasmus+ "EduEnvi /Enchancing competencies in the field of sustainable waste management in preparing specialists in Russian and Kazakh HEIs» in 2017-2021 with the Tampere University of Applied Sciences, Finland as the leading partner.

The main regulatory documents governing waste management at Russian enterprises, the current state of the waste management system, as well as the current requirements for enterprises, including preparation of environmental reporting, determination of payments for negative environmental impact, calculation of utilization fees are considered. The publication analyzes the national policy and legislation of Finland on waste management, the experience of using tools to promote circular economy at the Finnish enterprises.

The book is intended for specialists from industrial enterprises, university teachers, researchers, and graduate students in the field of waste management and implementation of the circular economy principles. It can also be used in the educational process for master's students and undergraduates studying in the areas of training 18.03.02, 18.04.02 “Energy and resource-saving processes in chemical technology, petrochemistry and biotechnology”, 05.03.06, 05.04.06 “Ecology and nature management”, 20.03.01, 20.04.01 “Technosphere safety”, as well as for professional retraining and advanced training of adults in the field of waste management.

The manual will also be useful for specialists involved in the creation of a waste processing industry in Russia that meets the global challenges of sustainable development and the adopted "Strategy for the development of industry for processing, disposal and utilization of production and consumption waste for the period up to 2030".

The team of authors