COUNTRY REPORT: RUSSIAN FEDERATION

9–12 April, 2018 | 8th Regional 3R Forum in Asia and the Pacific

Presented by:
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Waste in Russia

Municipal waste
≈60 mln t generated annually
≈10% recycling
40 bln tonn accumulated

Industrial waste
≈5 bln t generated annually
≈50% recycling
Challenges

• Waste generation keeps growing
• Most waste goes to landfill
• Lack of incentives for WM companies to sort and recycle waste
• Scarcity of technologies and modern equipment for waste recycling
• Imperfections of waste accounting information systems
• Ineffective management of WM industry
**Measures and approaches**

- Implementation of **territorial schemes of waste management** on the level of regions of Russia
- Implementation of legislation for **regional operator for MSW**
- Implementation of **EPR in Russia**
- **Prohibition of landfilling of wastes** that contain useful recyclable components
- Adoption of the **Strategy for the development of Waste Recycling Industry** up to 2030
- Assignments of the President of Russia for **sustainable waste management**
- Law for **Eco-Industrial parks** developed and introduced for adoption
- Law of **Secondary Material Resources** developed and introduced for adoption
- Developing a Plan for implementation of the **Strategy**
- **Separate collection of MSW** implementation
President Instructions from 15.11.2017

List of instructions of the President of Russia to the Russian Government on results of the audit of implementation of legislation and decisions in waste management №Pr-2319 from 15.11.2017

<table>
<thead>
<tr>
<th>Instructions</th>
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<tbody>
<tr>
<td>MSW management based on a <strong>closed-cycle economy</strong></td>
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<tr>
<td>Stimulate <strong>production from secondary material resources</strong></td>
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<tr>
<td>Implement <strong>separate collection of MSW</strong></td>
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<tr>
<td>Develop <strong>eco-industrial parks</strong></td>
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<tr>
<td>Create <strong>a unified state information system for waste accounting</strong></td>
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<tr>
<td>Education of public for <strong>ecological awareness</strong></td>
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# Strategy 2018–2030


<table>
<thead>
<tr>
<th>Fundamentally new priorities in waste management</th>
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<tbody>
<tr>
<td>Focus is on recycling of waste (not landfilling)</td>
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<tr>
<td>Waste collection and sorting infrastructure</td>
</tr>
<tr>
<td>Re-equipment and modernization of industries to reduce waste generation</td>
</tr>
<tr>
<td>Production of waste management equipment</td>
</tr>
<tr>
<td>Research &amp; Development</td>
</tr>
<tr>
<td>Eco-Industrial Parks</td>
</tr>
</tbody>
</table>

- **No landfilling**
- **Reduce waste generation**
- **Reduce raw resources use**
- **Separate MSW collection**
- **Recycling infrastructure**

3R
## Strategy 2018–2030


<table>
<thead>
<tr>
<th></th>
<th>2018</th>
<th>2020</th>
<th>2025</th>
<th>2030</th>
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<tbody>
<tr>
<td>The amount of recycled materials in a total amount of waste</td>
<td>60%</td>
<td>65%</td>
<td>75%</td>
<td>86%</td>
</tr>
<tr>
<td>The amount of MSW sorted in a total amount of MSW</td>
<td>10%</td>
<td>15%</td>
<td>50%</td>
<td>80%</td>
</tr>
<tr>
<td>The reduction of waste generation</td>
<td>1.9%</td>
<td>1.8%</td>
<td>1.8%</td>
<td>3.7%</td>
</tr>
<tr>
<td>WM industry share in GDP of Russia</td>
<td>0.08%</td>
<td>0.09%</td>
<td>0.10%</td>
<td>0.11%</td>
</tr>
<tr>
<td>Number of Eco-Industrial Parks</td>
<td>4</td>
<td>12</td>
<td>30</td>
<td>70</td>
</tr>
</tbody>
</table>
Effective local waste markets development through enhancing connections and strong international cooperation

Unified Information Analysis System

- Governments
- Business
- R&D Institutions
- Market associations
- Waste processing facilities

Market Expert Council

Unified Software & Technology Platform

- Commercial Information Cataloging
- Integration of Information Resources
- Unified System of BAT/BEP databases
- Integration of Management Systems
- Media Projects
Unified Information Analysis System

- Quick response to a problem
- Global information space
- Data for regular analysis & monitoring

**Task identified**

**Wastes database**

*Uniform standard for collecting data*

**Technologies database**

*Atlas of BAT/BEP*

*Exchange of experience*

**Organizations database** (state, financial, business, R&D, public, etc.)

*Education*

**Proposals & Requests database** (investments, stuff, knowledge)

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**FILTERS**

**Potential investments**

**Technological expertise**

**Implementation guidelines**

**Green solution offered**

- Quick response to a problem
- Global information space
- Data for regular analysis & monitoring
THANK YOU

WELCOME TO COOPERATION

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