



UNIDO opportunities to address local and global environmental problems

Vladimir Maryev

National Project Coordinator

United Nations Industrial Development
Organization in Russia

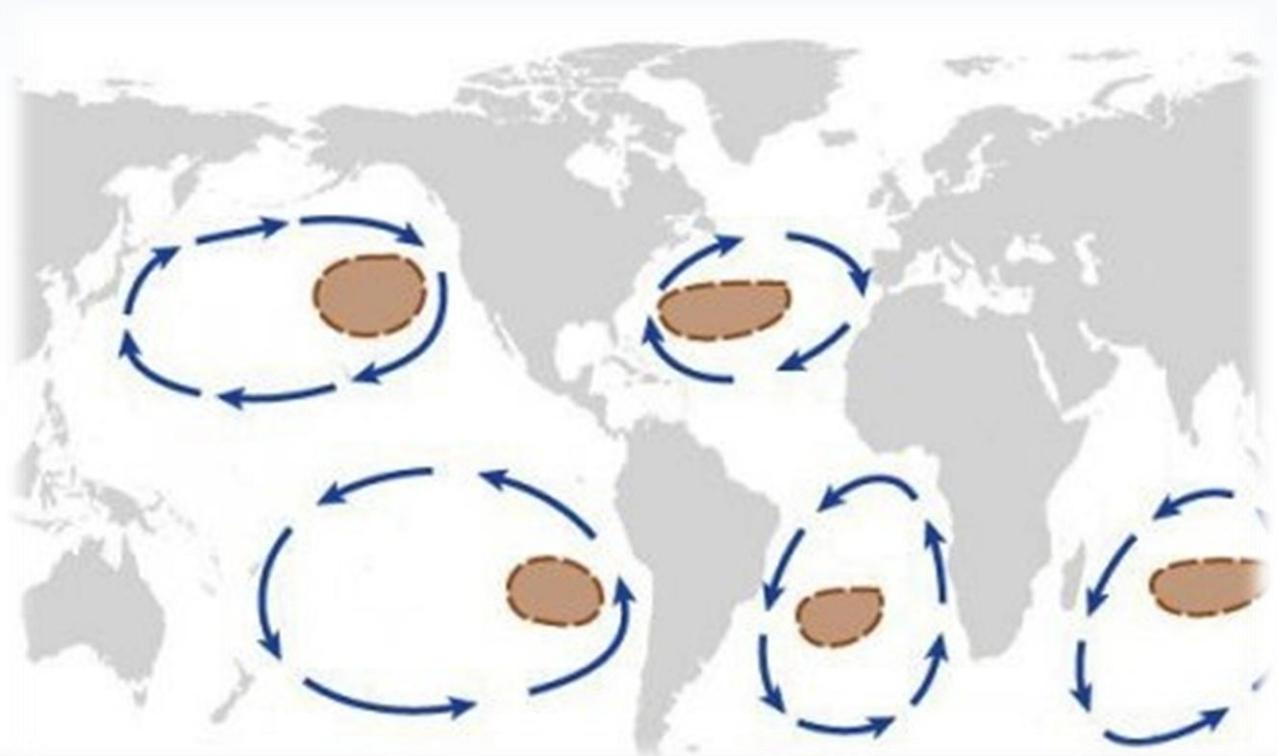


Garbage Islands

The Great Pacific Garbage Patch

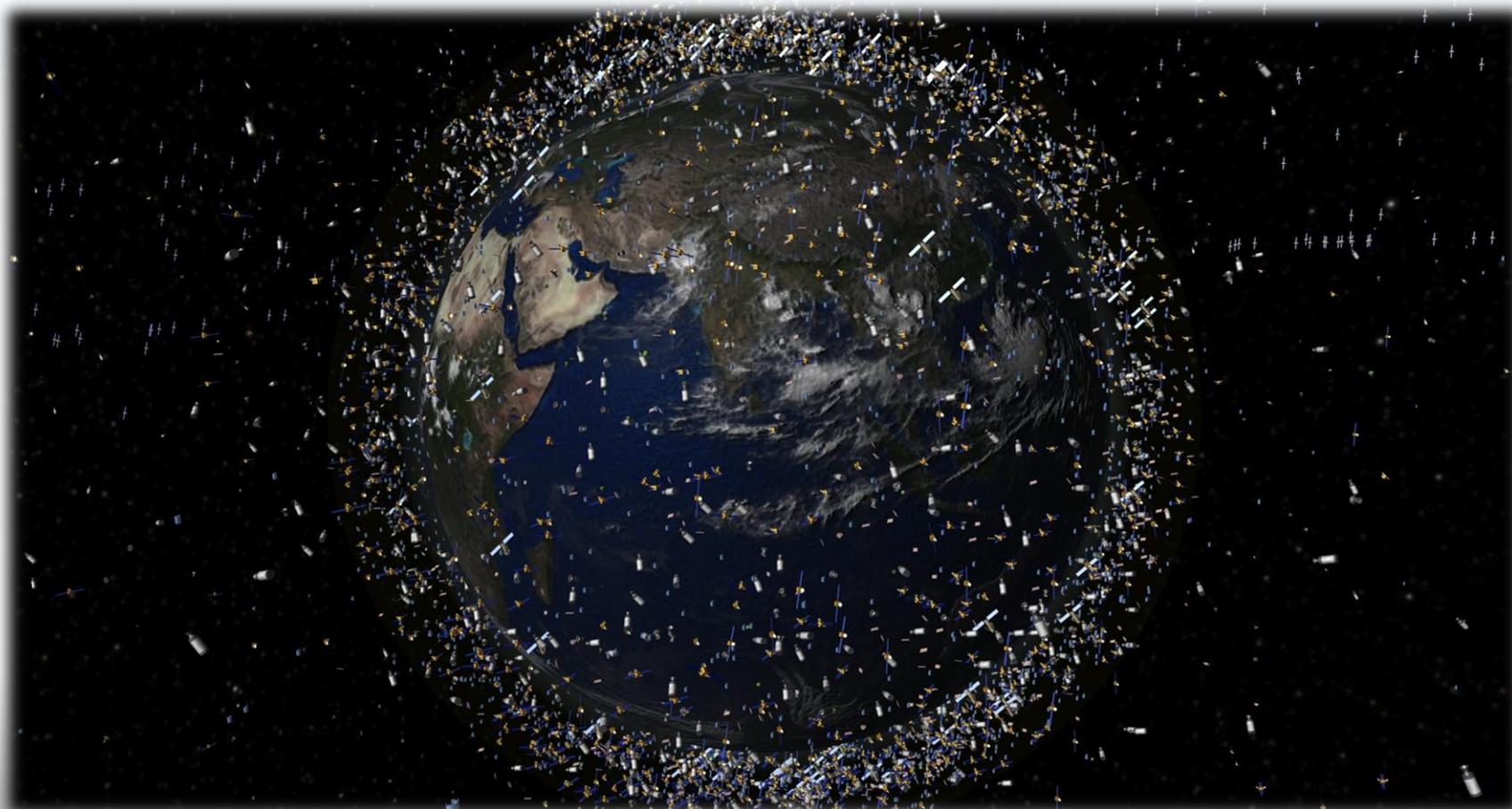
1 760 000 sq km –
the area roughly the
size of 3 Ukraine

More than 100 mln
tonnes of plastics and
other trash

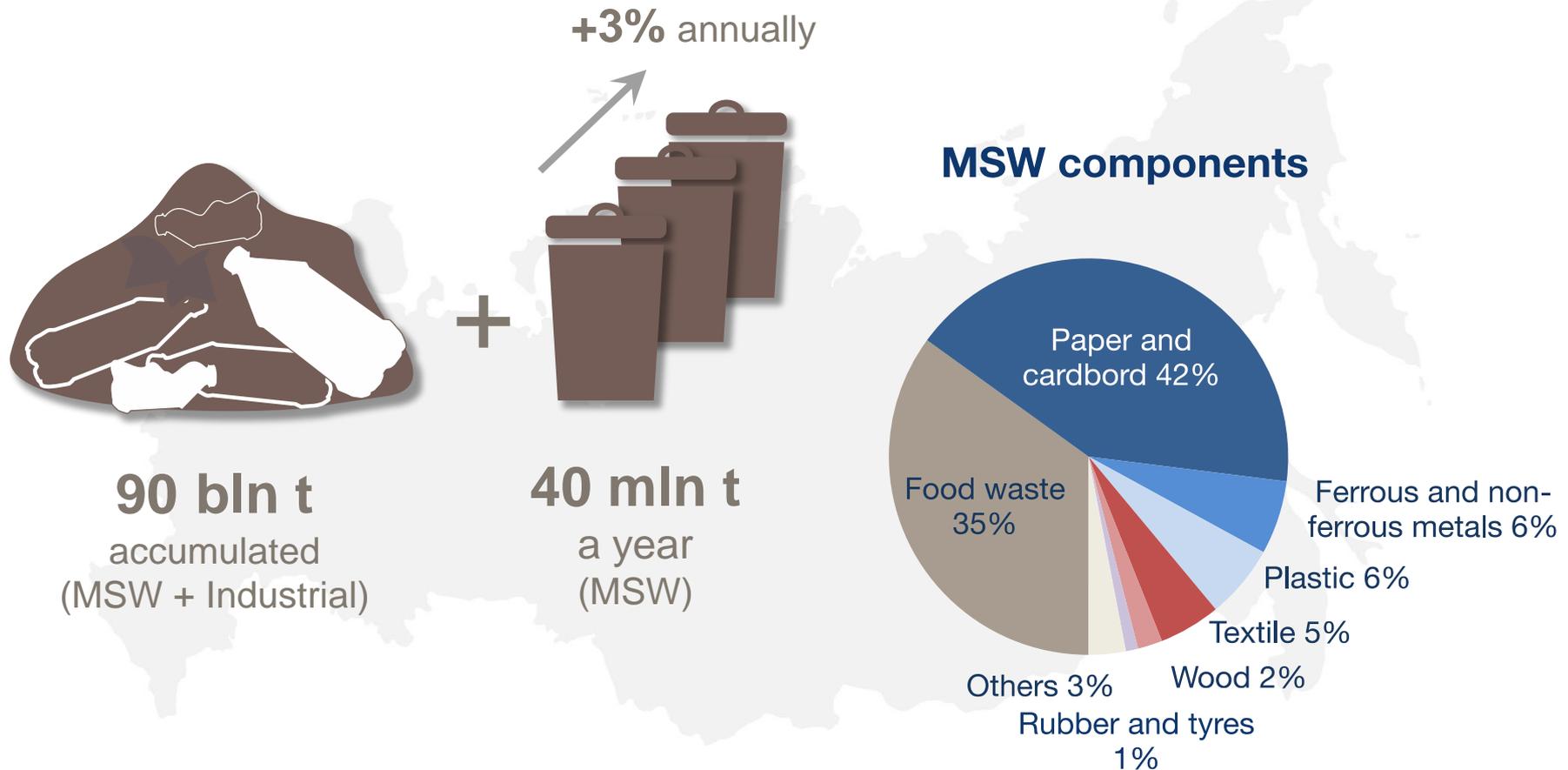




Our Planet



Russia: Industrial and Municipal Solid Waste



Kitakyushu Eco-Town Project

■ Research facilities: 14

■ Facilities under operation: 26

■ Investment: 60.5 Billion yen
(Private: 71%, Public: 29%)

■ Employee: 1,020

■ Visitor: 740,000 (cumulative total)

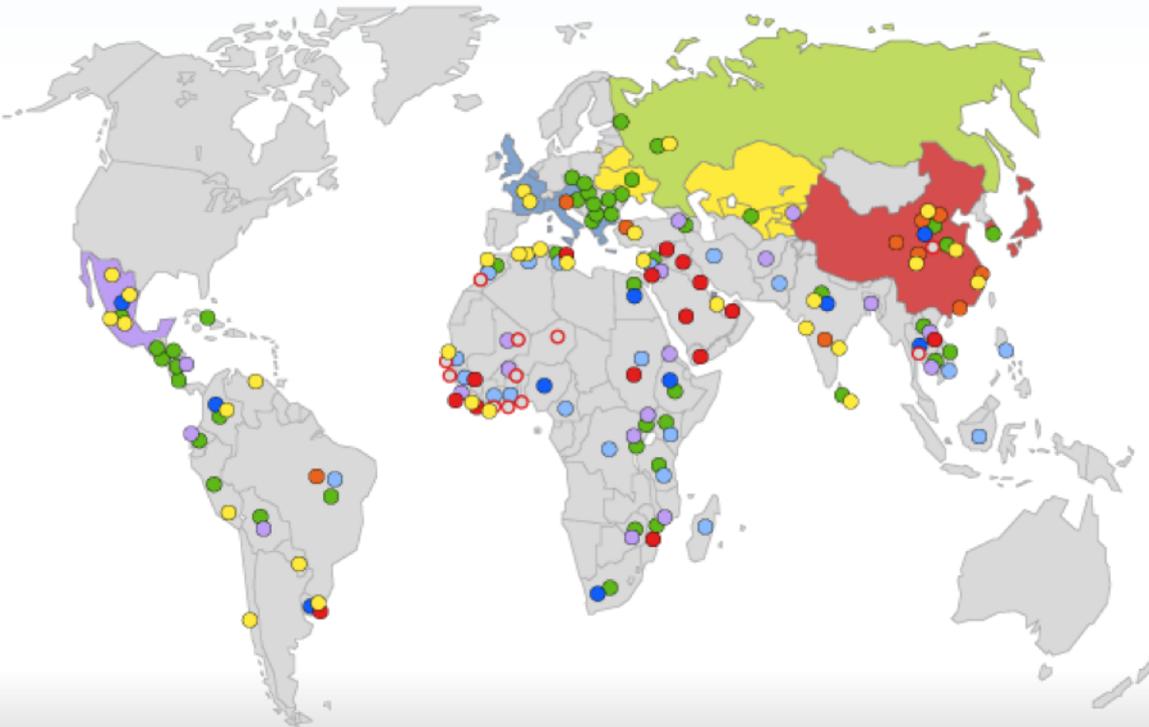


Comprehensive Environmental Industrial Complex

The Only
“Zero Emission Complex”
In Japan
By Material & Thermal
Recycling



UNIDO networks



UNIDO ITPO Regional Networks:

<ul style="list-style-type: none"> ■ Europe / Arab ■ Asia ■ Latin America 	<ul style="list-style-type: none"> Bahrain, Belgium, <i>France</i>, Greece, <i>Italy</i>, <i>Russian Federation</i>, <i>United Kingdom</i> China, <i>Japan</i>, Rep. of Korea Mexico 	<p>12</p>
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Network Development in EurAsEC:

<ul style="list-style-type: none"> ■ EurAsEC 	<ul style="list-style-type: none"> Armenia, Belarus, Kazakhstan, Kyrgyzstan, <i>Russian Federation</i>, Tajikistan, Ukraine 	<p>7</p>
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Other UNIDO programmes:

<ul style="list-style-type: none"> ● National Cleaner Production Center (NCPC) ● International Technology Center (ITC) ● UNIDO regional offices ● UNIDO Country offices ● UNIDO Desks ● Enterprise Development and Investment Promotion (EDIP) ○ EDIP - in process ● Subcontracting and Partnership Exchanges (SPXs) 	<p>55</p> <p>10</p> <p>10</p> <p>20</p> <p>18</p> <p>15</p> <p>10</p> <p>32</p>
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Total UNIDO Network 189

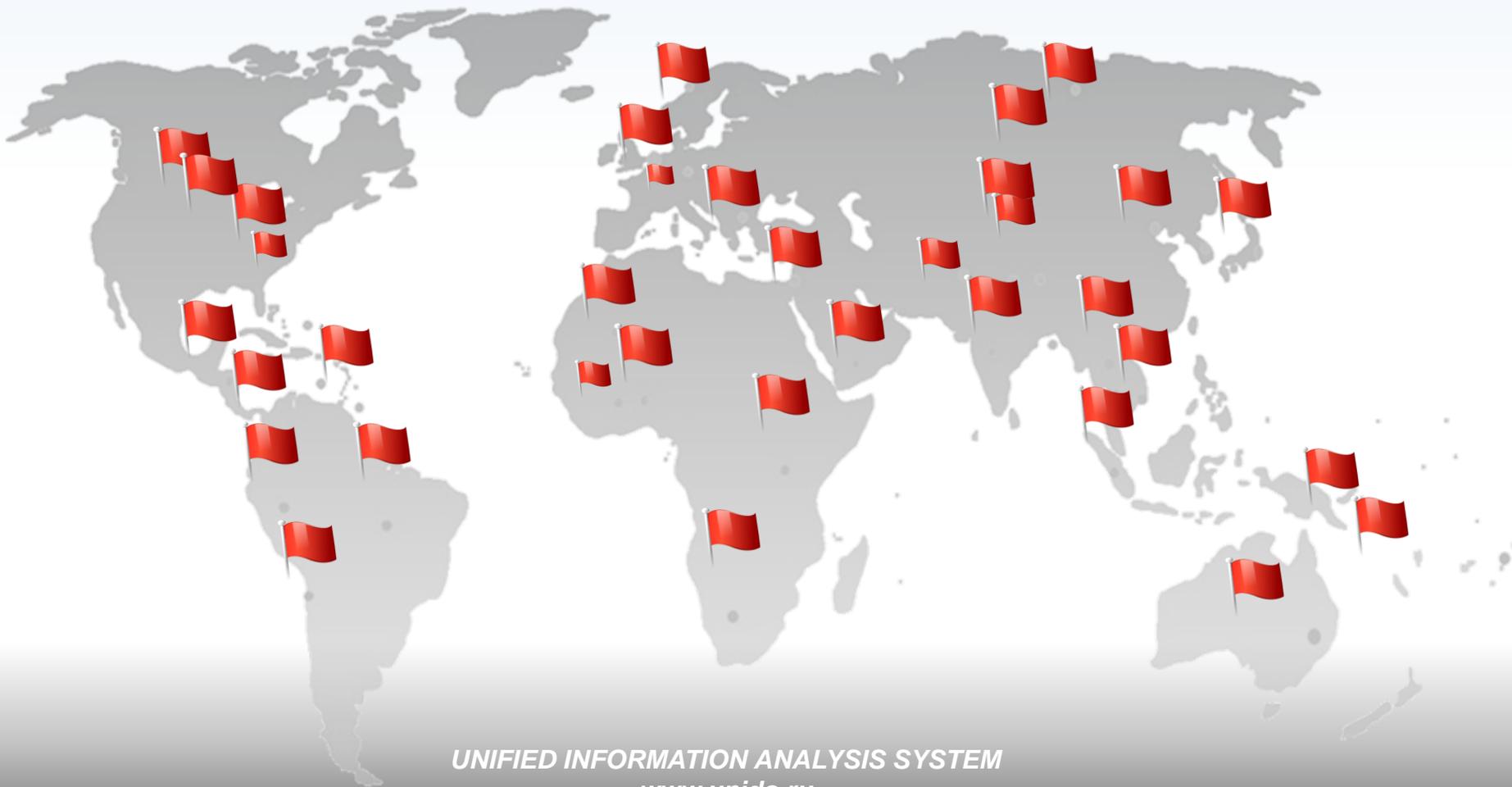


International Partnership for
Expanding Waste Management
Services of Local Authorities

International Centre of Best Environmental
Technologies
Sub-Regional Secretariat for RUSSIA

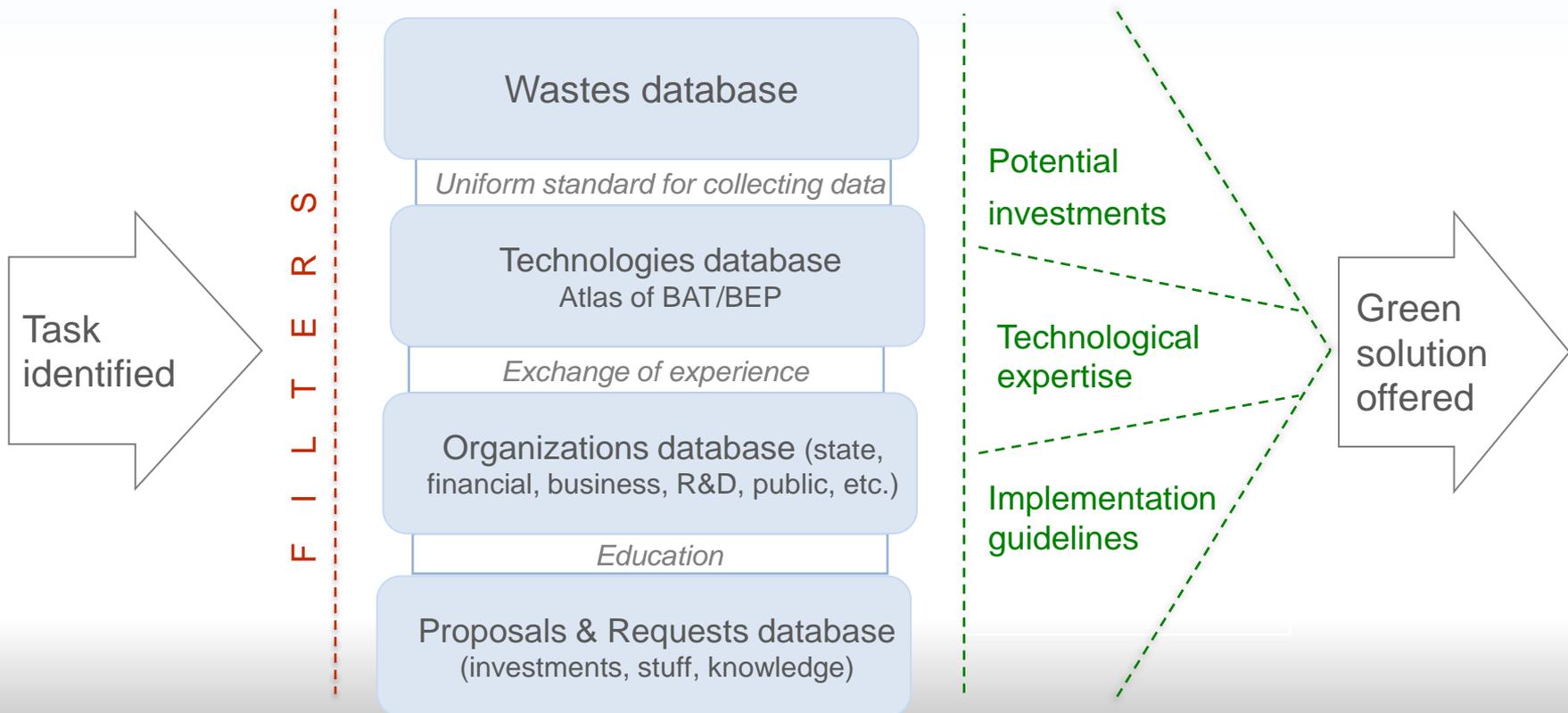


57 countries





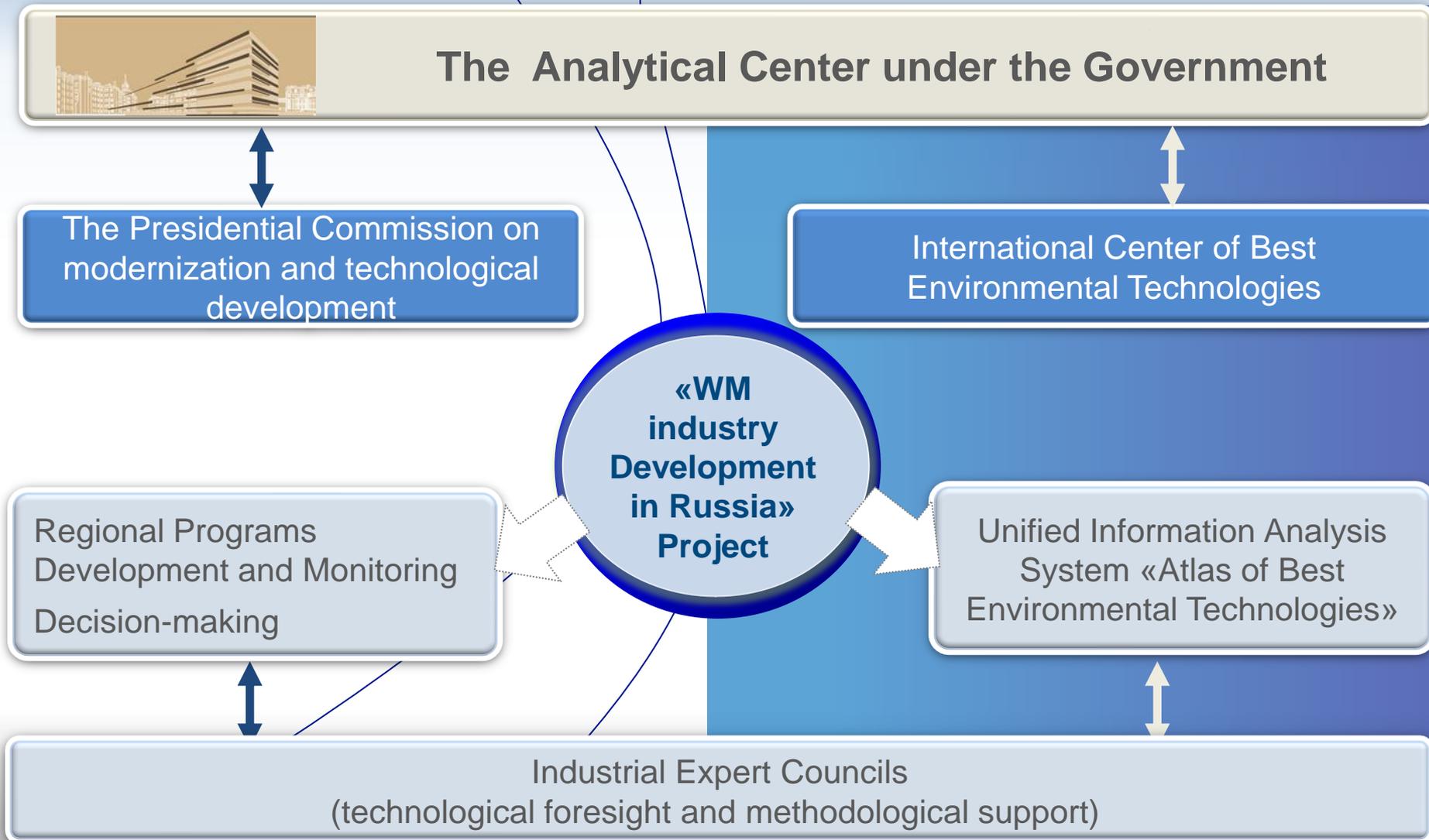
- Quick response to existing problems.
- Global information space.
- Data for regular analysis and monitoring.





Effective local waste markets development through enhancing connections and strong international cooperation

for	Governments	Helps in decision-making and market monitoring
	Businesses	Increases market transparency
	Waste processing facilities	Provides information about best available technologies and best environmental practices developing and implemented
	R&D institutions	Assists in sharing experience and collaborative work
	Market Associations	Provides information for market control and development

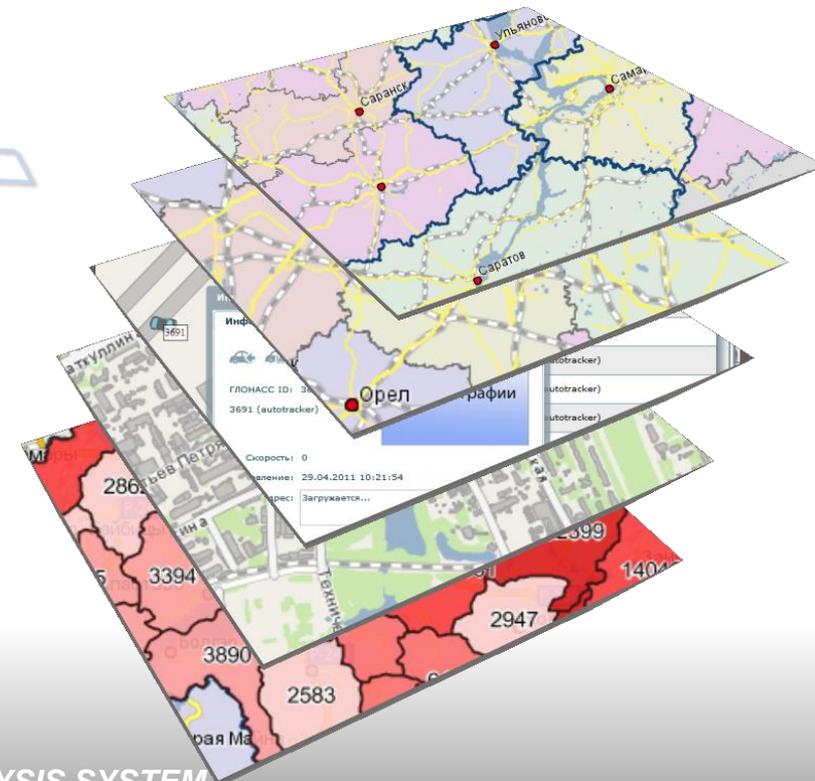
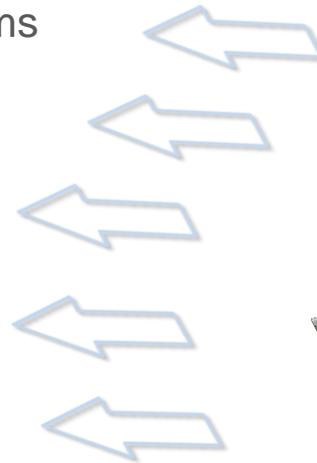




UIAS is a web-resource that collects global data about waste industries and organizes them in special themed segments

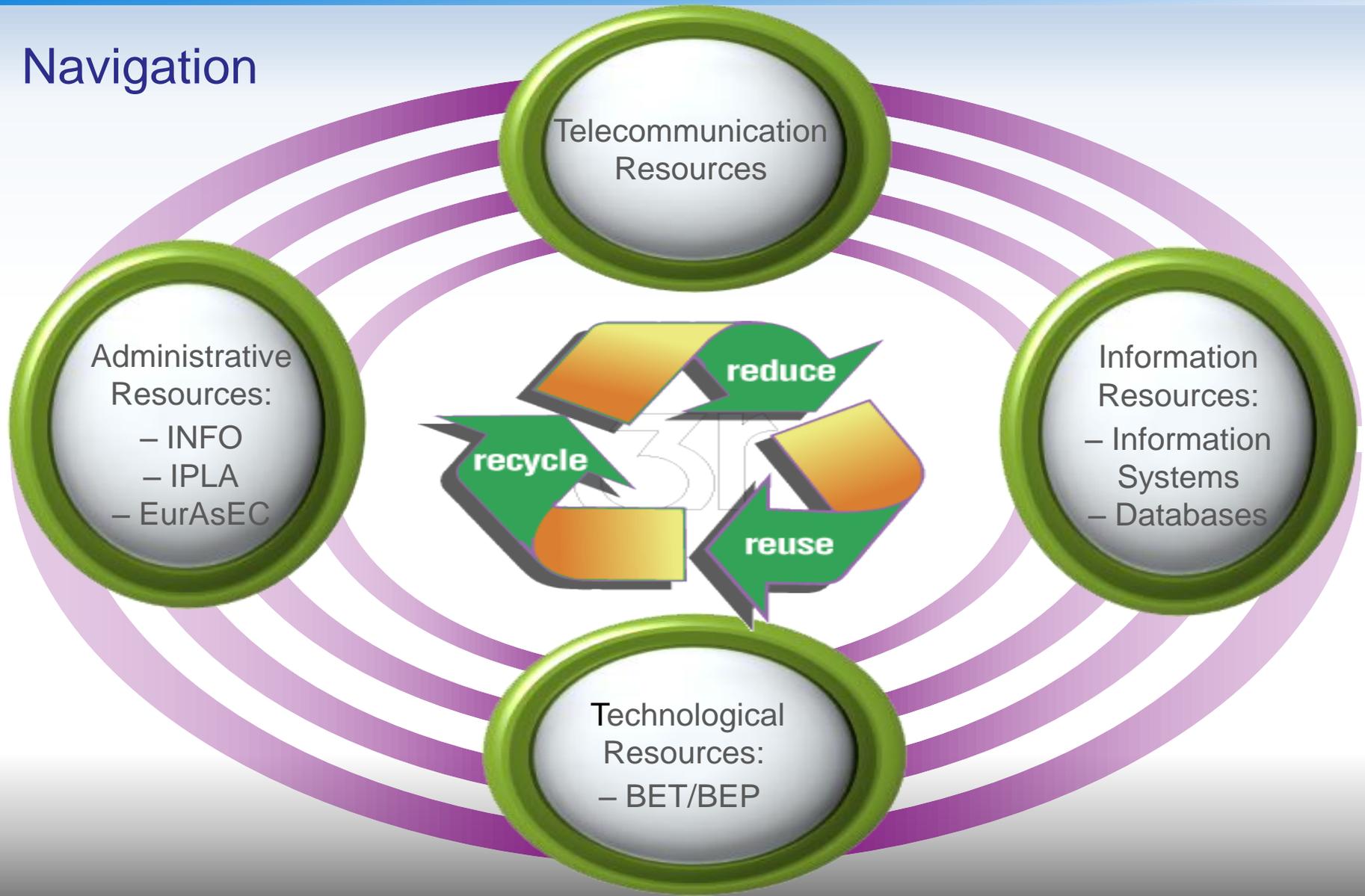
Aimed at providing market participants (business, authorities, experts, R&D organizations, etc.) with full and up-to-date information

Regional WM programs
Waste processing facilities
Waste tracking data
Waste collection points
Statistics of waste production





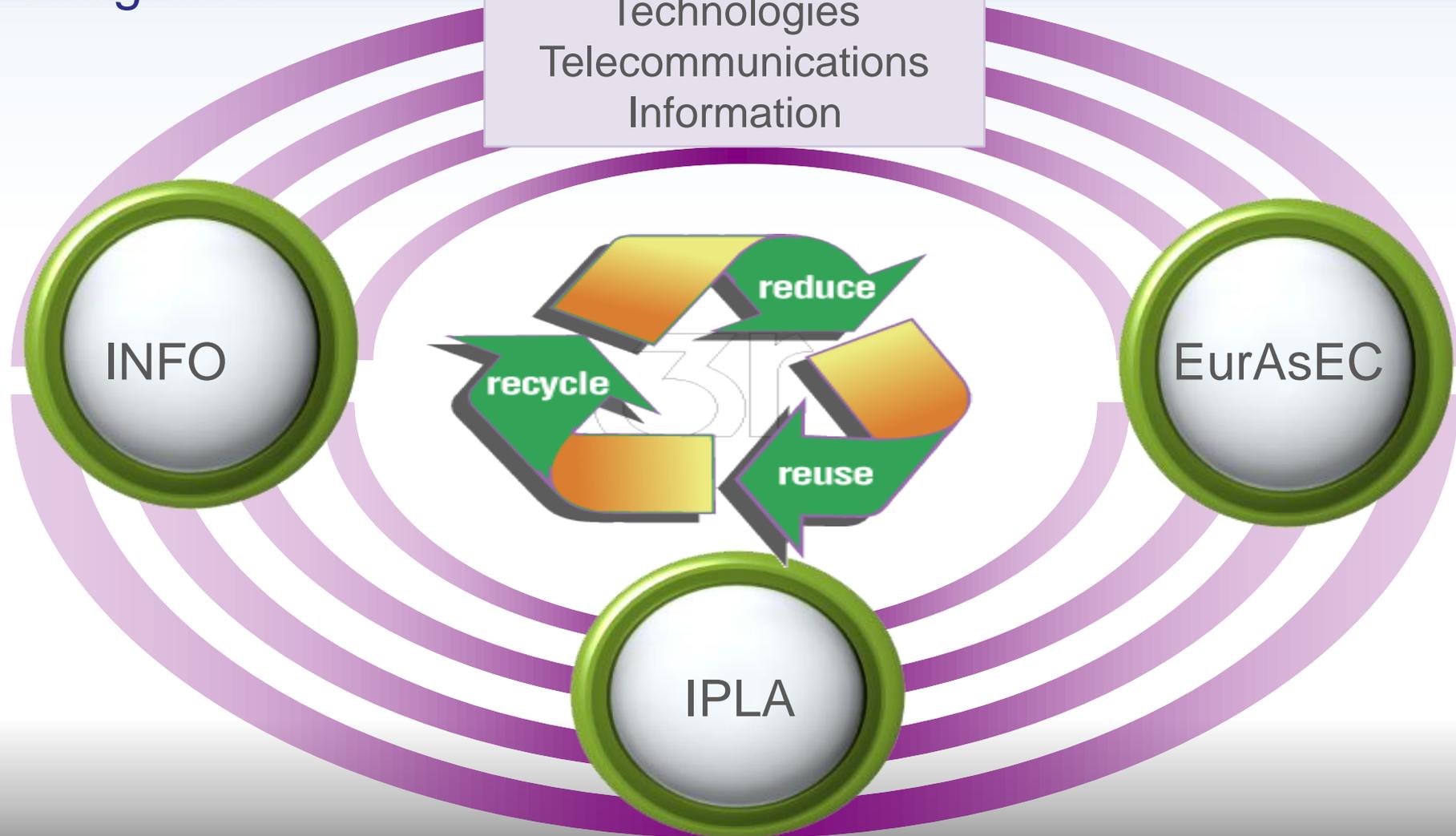
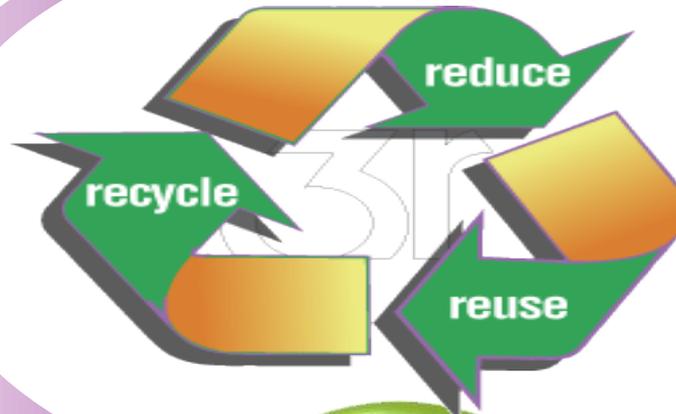
Navigation





Integration

Management
Technologies
Telecommunications
Information

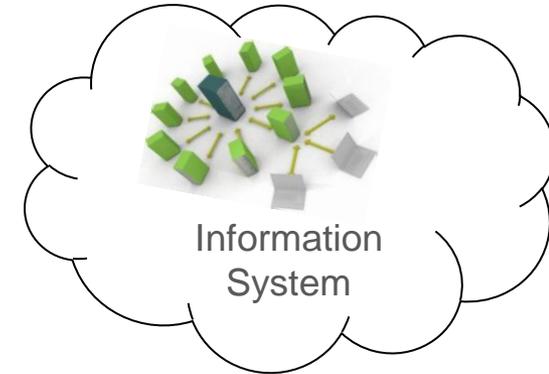




Information Analysis Portal



Server



Industry Competencies Center



Interactive Engineering System





BAT/BEP Atlas

ITPO UNIDO

The European IPPC Bureau, Seville

Association of Producers and Providers of Processing Equipment and Environmental Technologies

Research Institutions

Technologies Transfer Systems

Waste Recyclers Associations

Other Producers

Expert Council

Atlas of Best Environmental Technologies

Ministries, Agencies Services

Regional Authorities

Eco Centers

Producers Associations

Waste Recyclers and Landfills Operators

Personal Account

Registration



Electronic Exhibition



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Contacts

Information System

Членство Мероприятия Тендеры Словарь Нормативы Портфолио

Новости Иновация и известности Каталог ссылок

Региональные проекты

Интерактивный каталог наилучших доступных технологий

Форум

Виртуальный стенд Демонстрационная площадка Тренинг

Personal Account

Registration



Основные подсистемы

- Диагностический мониторинг
- Система прогнозирования
- Система документирования и резервного копирования
- Учебно-тренижерный комплекс
- Автоматизированная система ведения реестров
- Система поддержки принятия управленческих решений
- Ситуационный центр
- Экспертно-консультационная система

ЛУЧШАЯ БАЗА ДАННЫХ ДОКУМЕНТОВ И УСЛУГ В ОБЛАСТИ ПРЕДУПРЕЖДЕНИЯ И ЛИКВИДАЦИИ АВАРИЙНЫХ РАЗЛИВОВ НЕФТИ И НЕФТЕПРОДУКТОВ

АКТУАЛИЗИРОВАННЫЙ ФОНД НОРМАТИВНОЙ ДОКУМЕНТАЦИИ





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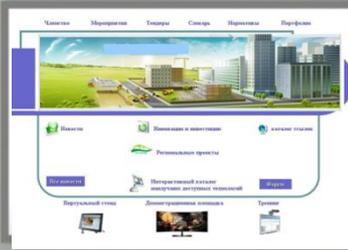
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Interactive Engineering System



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Legislative & Reference Fund

ЛУЧШИЕ МЕТОДЫ И УСЛУГИ В ОБЛАСТИ ПРЕДУПРЕЖДЕНИЯ И ЛИКВИДАЦИИ АВАРИЙНЫХ РАЗЛИВОВ НЕФТИ И НЕФТЕПРОДУКТОВ

АКТУАЛИЗИРОВАННЫЙ ФОНД НОРМАТИВНОЙ ДОКУМЕНТАЦИИ

МЕЖДУНАРОДНЫЕ ДОКУМЕНТЫ

- Европейское соглашение о международной дорожной перевозке опасных грузов (ДОПОГ, 1957 Женева, 30.09.1957 г.)
- Конвенция о биологическом разнообразии, 1992 года (Рио-де-Жанейро 03-14.06.1992)
- Конвенция о водно-болотных угодьях, имеющих международное значение, особенно болотах, в

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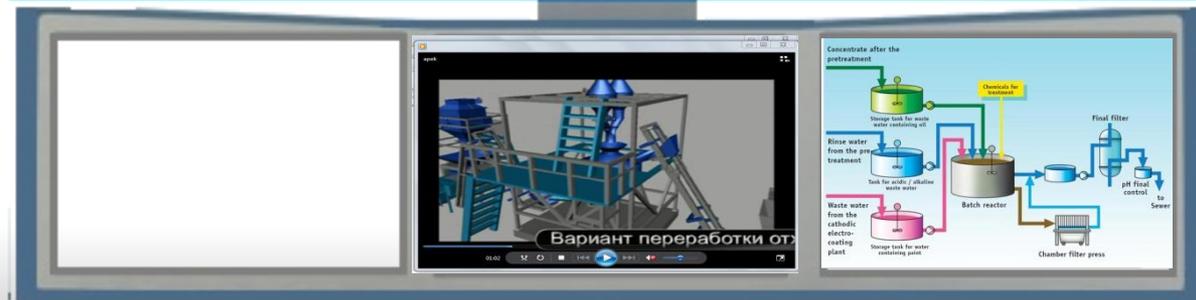
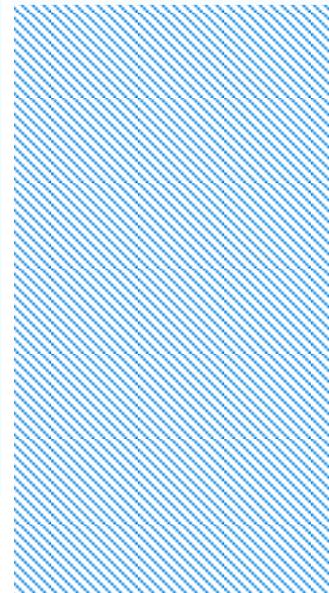


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1

Monitoring and control of the environment



2

Waste Management



3

Contaminated Land Remediation Technologies



4

Oil Sludge Disposal and Recycling Technologies



5

Recource-saving Technologies



6

Security Systems Integration



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Electronic Exhibition





Industry Expert Councils



Unified Software and Technology Platform



Commercial
Information
Cataloging



Integration of
Information
Resources



Unified System of
BAT/BEP databases



Media Projects



Integration of
Management
Systems





The selection of technologies and development of standard project solutions as well the service order in the form of **an electronic trade and exhibition center** which includes a virtual exchange network on the basis of **UNIDO Exchange online platform** containing «Projects Exchange» and «Technologies Transfer Network»

Environmental Certification of regions

Ecological and economic evaluation, expert and methodological support and distance management of environmental projects

Cataloging and Implementation of BAT/BEP

Regional WM Programs

Object-oriented training

Cost reduction in regional offices

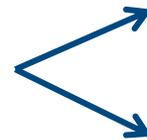




Priorities



Information exchange between international / national experts, business partners and Governments



Expenditures

Investments



Collaborative projects implementation based on the «Green Industry» and «3R» principles



Expected results

1. Certification and cataloging of BAT/BEP with the possibility of combining the information from UNIDO offices, Governments and business partners;
2. Development of an unified software and technology platform for expertise, consulting and engineering;
3. Ecological and economic evaluation. Online distance management of environmental projects from the local to the international level;
4. Collaborative projects” implementation based on the «Green Industry» and «3R» principles
5. Cost reduction for recruitment, BAT/BEP transfer and implementation
6. Involvement of international financial institutions



Thank you!