

UNECE CONVENTION ON LONG-RANGE TRANSBOUNDARY AIR POLLUTION
WORKING GROUP ON STRATEGIES AND REVIEW, 54TH SESSION

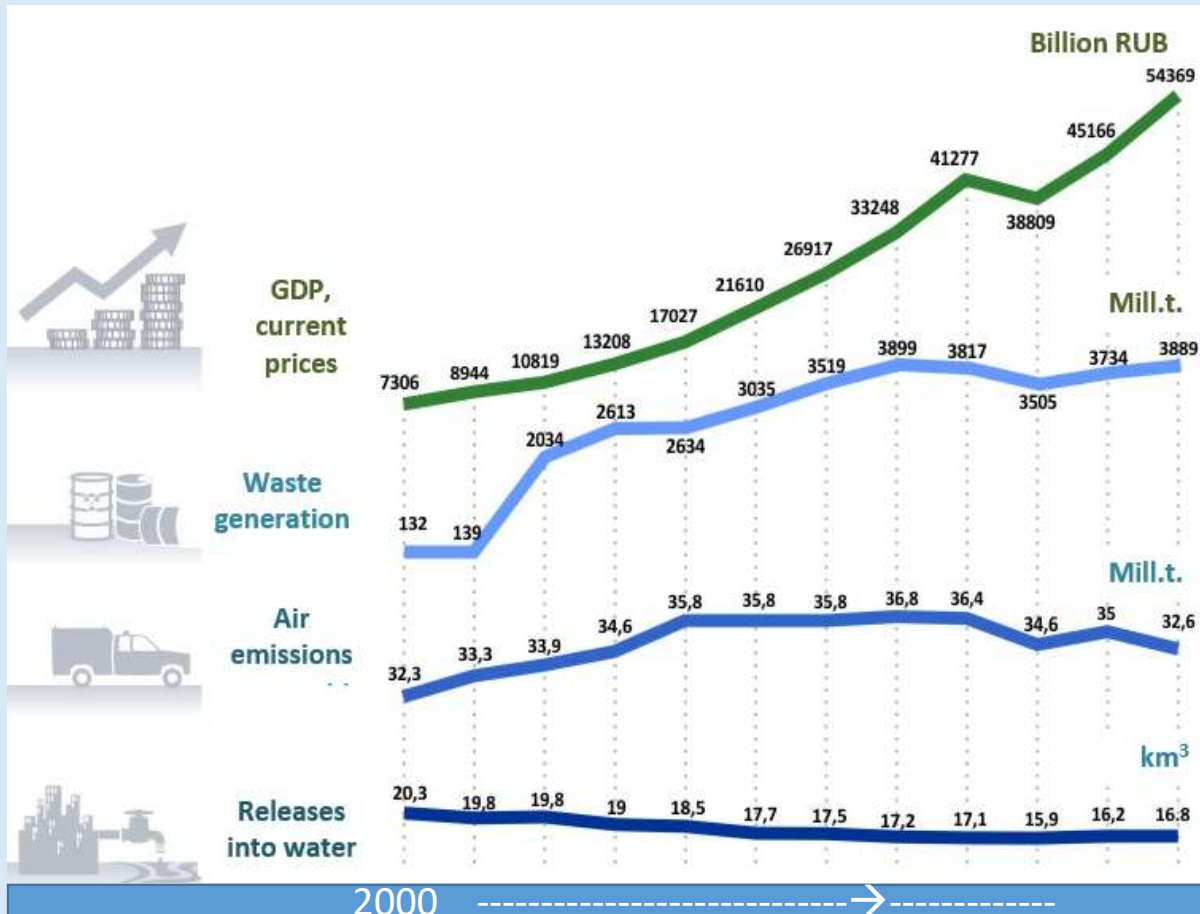
13-14 DECEMBER 2016, GENEVA, SWITZERLAND

*Session on examples/good practices of strategies, policies and measures
employed to implement obligations under any of the Protocols to the
Convention*

IMPLEMENTATION OF BEST AVAILABLE TECHNIQUES IN THE RUSSIAN FEDERATION: OVERVIEW

*Alexander Romanov
Russian Federation*

BACKGROUND AND DRIVING FORCES



National Environmental norms and standards are generally strict

Pollution limits establishment system at the enterprise level is “flexible” and allows to set “relaxed” not-limiting values

Environment pollution fees are low and thus do not stimulate entities to introduce “greener” technologies

No economic incentives for turning “green”

State Environment Control authorities do not have objective information on pollution scales (no continuous monitoring)

Results and considerations of the State environmental expertise used as non-binding recommendations, not directly preventing potentially environmentally damaging activities

Administrative barriers adversely affect the investment climate

LEGAL FRAMEWORK – THE LAW and beyond

Federal law no.219-FZ “On amendments to the Federal law “On environmental protection” and other legal acts of the Russian Federation” *aimed at enhanced environmental protection regulation and introducing incentives for economic entities to apply best available techniques*

Entry into force – 1 January 2015

- Group economic entities by their environmental impact and apply different regulation approaches – **4 categories**
- Introduce an electronic register of all economic entities (enterprises)
- Re-launch of the State Environmental Expertise and Environment Impact Assessment
- Introduce BAT-based environment regulations for major enterprises
- Introduction of Integrated Environmental Permits (**instead of 3 separate release permits**)
- Reduced number of controlled pollutants
- Modernization of the environmental payment system and introduction of economic incentives to reduce pollution
- Improvement of industrial environmental monitoring, including application of CEMs



РОССИЙСКАЯ ФЕДЕРАЦИЯ
ФЕДЕРАЛЬНЫЙ ЗАКОН

О внесении изменений в Федеральный закон «Об охране окружающей среды» и отдельные законодательные акты Российской Федерации

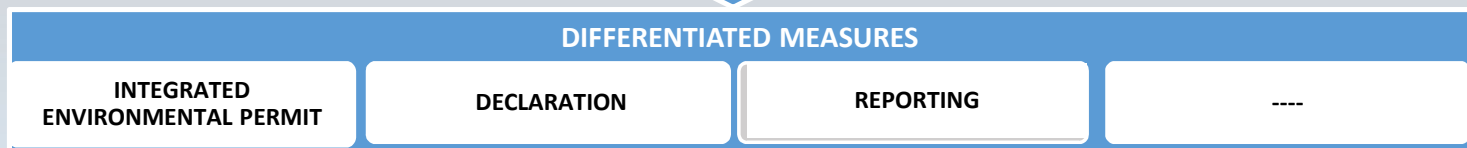
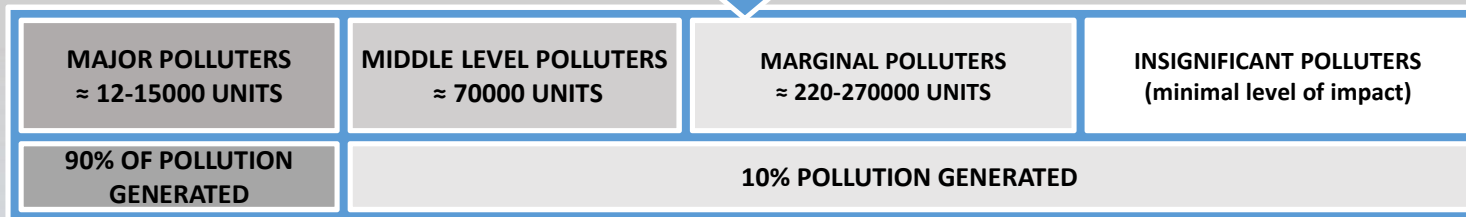
Принят Государственной Думой 2 июля 2014 года
Одобен Советом Федерации 9 июля 2014 года

Статья 1

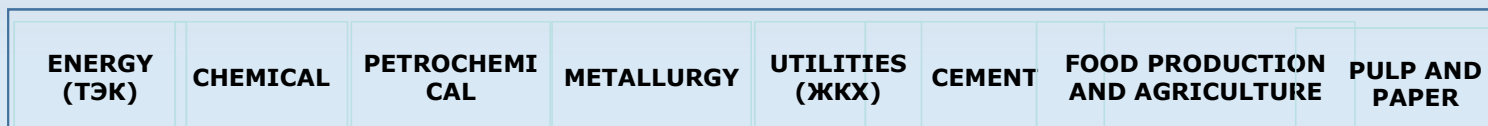
Внести в Федеральный закон от 10 января 2002 года № 7-ФЗ «Об охране окружающей среды» (Собрание законодательства Российской Федерации, 2002, № 2, ст. 133; 2004, № 35, ст. 3607; 2005, № 1, ст. 25; № 19, ст. 1752; 2006, № 1, ст. 10; № 52, ст. 5498; 2008, № 26, ст. 3012; 2009, № 1, ст. 17; № 52, ст. 6450; 2011, № 1, ст. 54; № 30, ст. 4590, 4591, 4596; № 48, ст. 6732; № 50, ст. 7359; 2012, № 26, ст. 3446; 2013, № 30, ст. 4059; № 52, ст. 6971; 2014, № 11, ст. 1092) следующие изменения:



DIFFERENTIATION OF POLLUTERS

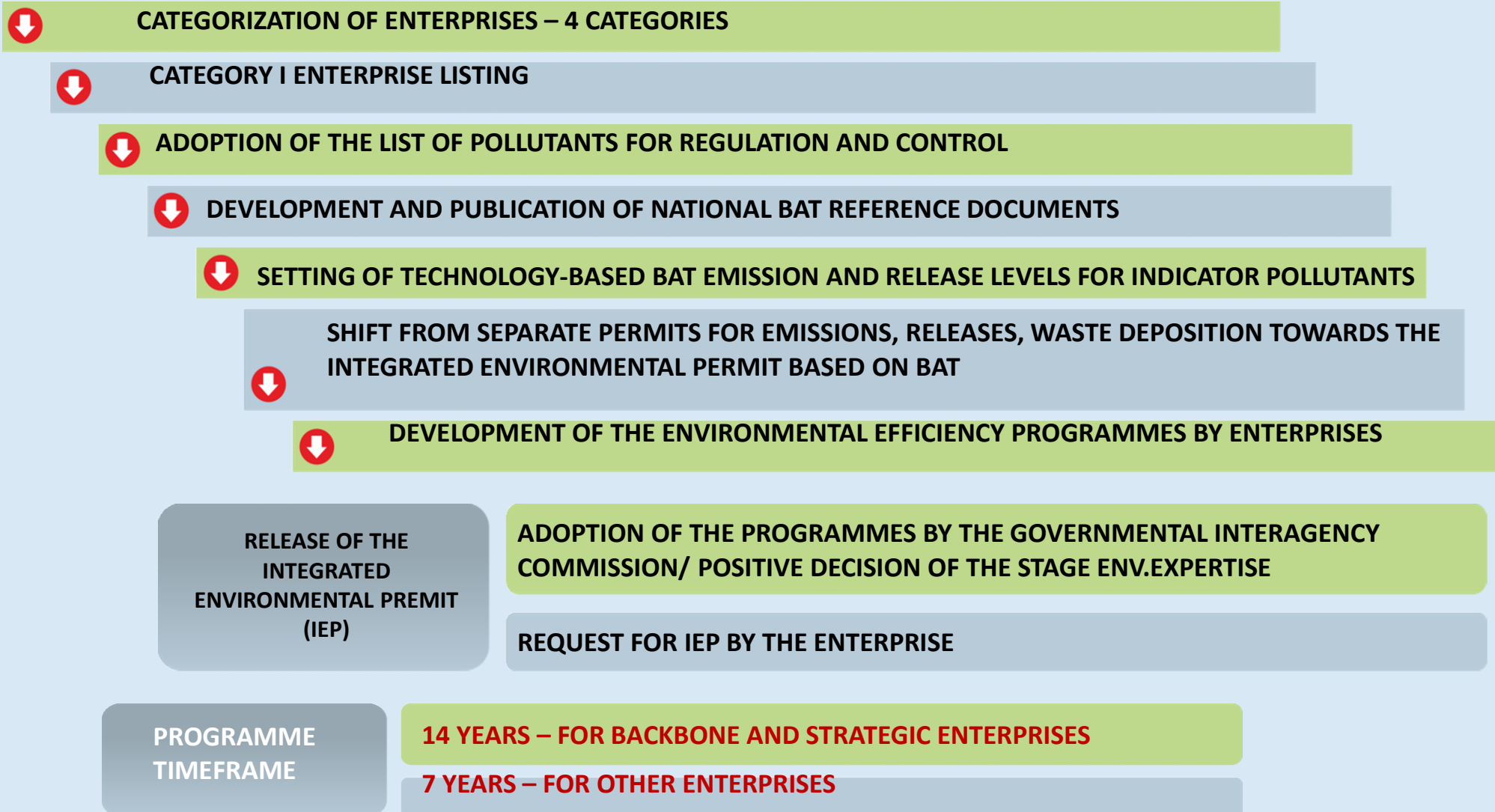


SECTORS WITH THE LARGEST ENVIRONMENTAL IMPACT



BAT-BASED REGULATION

TRANSITION TOWARDS BAT: STEPS



TRANSITION TOWARDS BAT: TIMELINE



Newly-constructed industrial enterprises comply with BAT requirements

2015-2021

Implementation of BAT at 100 existing "pilot" industrial facilities

2021-2026

Levels of emissions and releases of 300 major "pilot" industrial facilities are in compliance with BAT standards

2026-2033

All major industrial facilities (ca. 15 000) compliant with BAT

2033-2040

ECONOMIC INSTRUMENTS

INCENTIVES

BAT IMPLEMENTATION PERIOD

Costs for pollution abatement and BAT application to be deducted from environmental fees (up to 100%)

POST-BAT IMPLEMENTATION

- Pollution abatement and BAT application investments to be deducted from environmental fees (up to 100%)
- “Zero” environmental fees for entities fully shifted to BAT
- Environmental fees to be accounted for and subject to tax deduction (profit tax)

PENALTIES

VIOLATIONS OF IMPLEMENTATION TIMETABLE

POLLUTION FEES TO BE INCREASED BY FACTOR UP TO 100

BAT IMPLEMENTATION REJECTED

POLLUTION FEES TO BE INCREASED UP TO LEVELS COMPARABLE WITH COSTS FOR POLLUTION CONTROL



DEVELOPMENT OF BAT REFERENCE DOCUMENTS

TECH. WG

Data collection

Draft Reference document development

Public and technical expertise

Finalization

Adoption



Diagram illustrating the initial request stage. It features the logo of the Bureau of BAT (Бюро НДТ) at the top. Below it, a large blue arrow points upwards, labeled 'REQUEST'. To the right of the arrow are two small 3D figures of people. At the bottom, there are logos for 'МИНПРОМТОРГ РОССИИ' (Ministry of Industry and Trade of Russia) and 'МИНИСТЕРСТВО ЭНЕРГЕТИКИ РОССИЙСКОЙ ФЕДЕРАЦИИ' (Ministry of Energy of the Russian Federation), along with a small globe icon and a blue ellipsis.

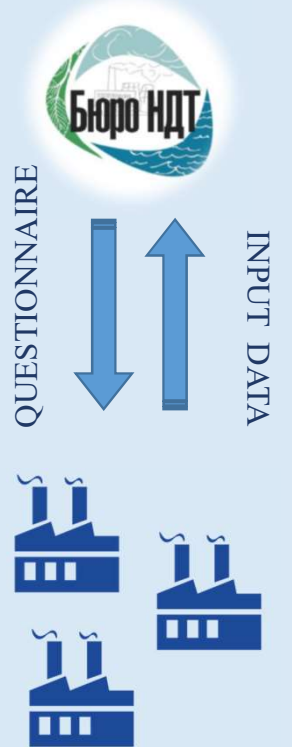


Diagram illustrating the data collection stage. It features the logo of the Bureau of BAT (Бюро НДТ) at the top. Below it, a large blue arrow points downwards, labeled 'QUESTIONNAIRE', and another large blue arrow points upwards, labeled 'INPUT DATA'. To the right of the arrows are two small 3D figures of people. At the bottom, there are three factory icons.



Diagram illustrating the draft reference document development stage. It features the text 'TECHNICAL WORKING GROUP' at the top. Below it is an image of a group of 3D figures sitting around a table in a meeting. A large blue arrow points downwards to a blue book icon labeled 'DRAFT REF. DOCUMENT'.

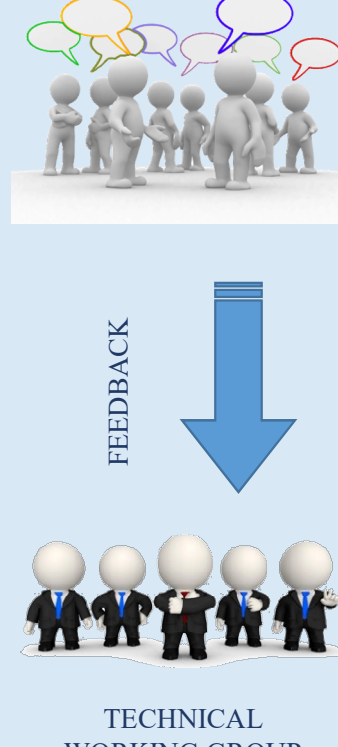


Diagram illustrating the public and technical expertise stage. It features an image of 3D figures standing and talking, with several colorful speech bubbles above them. A large blue arrow points downwards, labeled 'FEEDBACK'. Below the arrow is an image of a group of 3D figures in suits standing together, labeled 'TECHNICAL WORKING GROUP'.

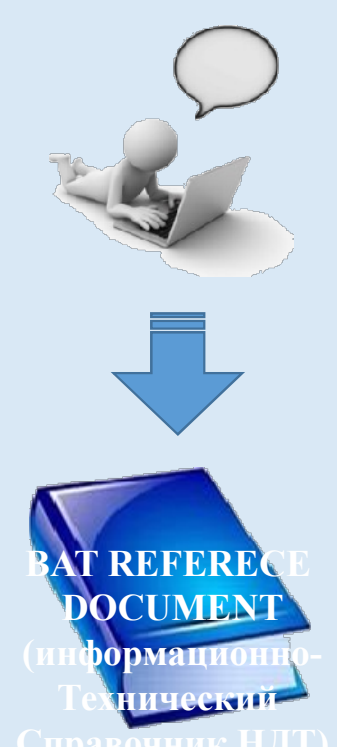


Diagram illustrating the finalization stage. It features an image of a 3D figure sitting on the floor and working on a laptop, with a speech bubble above them. A large blue arrow points downwards to a blue book icon labeled 'BAT REFERENCE DOCUMENT (информационно-Технический Справочник НДТ)'.



Diagram illustrating the adoption stage. It features an image of two 3D figures in suits shaking hands, symbolizing agreement or adoption.

DEVELOPMENT OF BAT REFERENCE DOCUMENTS

51 BAT REFERENCE DOCUMENTS (ИТС НДТ) TO BE DEVELOPED

10 REFERENCE DOCUMENTS ADOPTED IN 2015; 12 TO BE ADOPTED IN 2016, E.G.

«Производство целлюлозы, древесной массы, бумаги, картона» / Production of cellulose, pulp, paper and board

«Производство аммиака, минеральных удобрений и неорганических кислот»/
Production of ammonia, mineral fertilizers and inorganic acids

«Производство меди» / Copper production

«Производство керамических изделий» / Production of ceramics

«Производство стекла» / Production of glass

«Производство цемента» / Production of cement

«Производство извести» / Production of lime

«Очистка сточных вод при производстве продукции (товаров), выполнении работ и оказании услуг на крупных предприятиях» / Waste water treatment related to production, works or services at large enterprises

«Обезвреживание отходов термическим способом (сжигание отходов)» Waste incineration

...

SIMULATION EXERCISE

BASELINE

UNDER THE GOVERNMENT PLAN FOR
THE YEAR OF THE ENVIRONMENT OF
THE RUSSIAN FEDERATION

AIM

TESTING PROCEDURES FOR APPLICATION,
REVIEW AND RELEASE OF THE INTEGRATED
ENVIRONMENTAL PERMIT

OPPORTUNITIES

- ✓ FINDING AGREEMENT BETWEEN THE
INDUSTRY, GOVERNMENTAL BODIES AND
CIVIL SOCIETY
- ✓ ADDRESSING INTERESTS OF THE INDUSTRY;
- ✓ TRAINING OF REGIONAL ENVIRONMENTAL
SUPERVISION REPRESENTATIVES



DEVELOPMENT OF THE IEP PROCEDURES



THANK YOU FOR YOUR ATTENTION!

СПАСИБО ЗА ВНИМАНИЕ!