

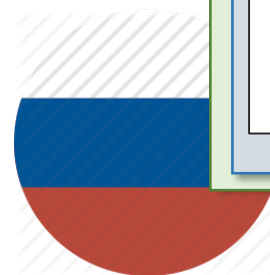
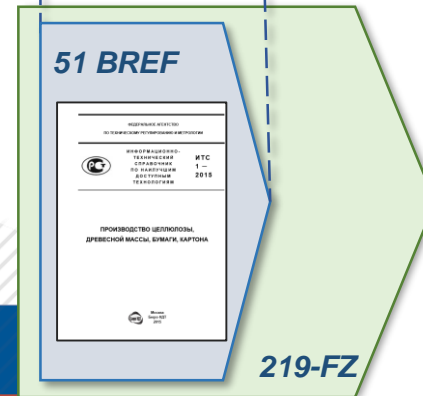
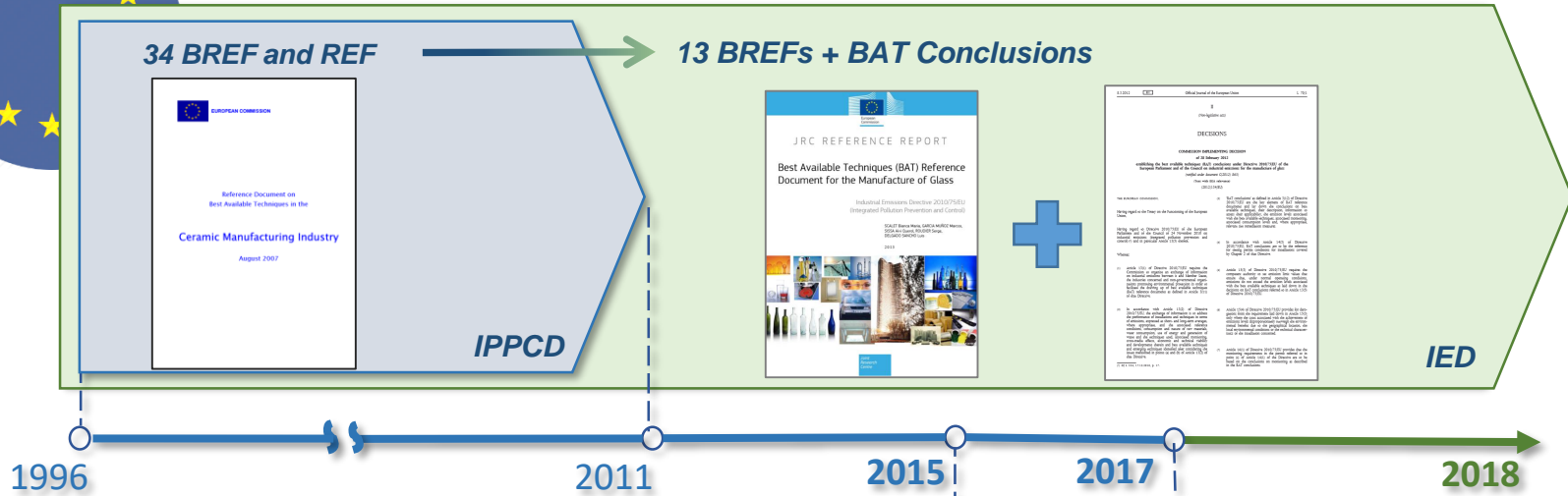


**Comparative analysis of the drawing up and review of
reference books on Best Available Techniques in the
European Union and in the Russian Federation**

Alexander Sanzharovskiy
Researcher,
Environmental Industrial Policy Centre
Russian BAT Bureau



DEVELOPMENT OF REFERENCE BOOKS ON BEST AVAILABLE TECHNIQUES IN EU AND RF



REFERENCE BOOKS ON BEST AVAILABLE TECHNIQUES



83.2012 Official Journal of the European Union

II
(Non-legislative acts)

DECISIONS

COMMISSION IMPLEMENTING DECISION
of 28 February 2012
establishing the best available techniques (BAT) conclusions under Directive 2010/75/EU of the European Parliament and of the Council on industrial emissions for the manufacture (recast) under document C(2012) 865
(Text with EEA relevance)
(2012/134/EU)

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Directive 2010/75/EU of the European Parliament and of the Council of 24 November 2010 on industrial emissions (integrated pollution prevention and control) (*) and in particular Article 15(3) thereof,

Whereas:

- Article 13(1) of Directive 2010/75/EU requires the Commission to organise an exchange of information on industrial emissions between its also Member States, the industries concerned and non-governmental organisations promoting environmental protection in order to facilitate the drawing up of their available techniques (BAT) reference documents as defined in Article 3(11) of that Directive;
- In accordance with Article 13(2) of Directive 2010/75/EU, the exchange of information is to address the performance of installations and techniques in terms of emissions, expressed as short- and long-term averages, where appropriate, and the associated reference conditions, consumption and nature of raw materials, waste consumption, use of energy and generation of waste and the techniques used, associated monitoring, cross-media effects, domestic and technical viability and developments shared and best available techniques and emerging techniques identified after considering the issues mentioned in point (a) and (b) of Article 13(2) of that Directive;
- Article 15(3) of Directive 2010/75/EU requires the competent authority on the emission limit values that ensure that, under normal operating conditions, emissions do not exceed the emission levels associated with the best available techniques as laid down in the decision on BAT conclusions referred to in Article 13(5) of Directive 2010/75/EU;
- Article 15(4) of Directive 2010/75/EU provides for derogations from the requirements laid down in Article 13(5) only where the costs associated with the achievement of emissions levels disproportionately outweigh the environmental benefits due to the geographical location, the local environmental conditions or the technical characteristics of the installation concerned;
- Article 14(1) of Directive 2010/75/EU provides that the monitoring requirements in the permit referred to in point (c) of Article 14(1) of the Directive are to be based on the operations on monitoring as described in the BAT conclusions.

(*) OJ L 334, 17.12.2010, p. 17.

Перечень технологических

Листовое стекло

Технологический показатель	Единица
Оксиды азота в пересчёте на NO ₂	
Монооксид углерода (CO)	
Пыль неорганическая (суммарно)	

Тарное стекло

Технологический показатель	Единица
Оксиды азота в пересчёте на NO ₂	
Монооксид углерода (CO)	
Пыль неорганическая (суммарно)	

Сортное стекло

Технологический показатель	Единица
Оксиды азота в пересчёте на NO ₂	
Монооксид углерода (CO)	
Пыль неорганическая (суммарно)	кг/т

Непрерывное стекловолокно

Технологический показатель	Единица измерения	Значение (диапазон)
Оксиды азота в пересчёте на NO ₂	кг/т	≤ 5,0
Монооксид углерода (CO)	кг/т	≤ 0,5
Пыль неорганическая (суммарно)	кг/т	≤ 2,0

ФЕДЕРАЛЬНОЕ АГЕНТСТВО
ПО ТЕХНИЧЕСКОМУ РЕГУЛИРОВАНИЮ И МЕТРОЛОГИИ

ИНФОРМАЦИОННО-ТЕХНИЧЕСКИЙ СПРАВОЧНИК ПО НАИЛУЧШИМ ДОСТУПНЫМ ТЕХНОЛОГИЯМ

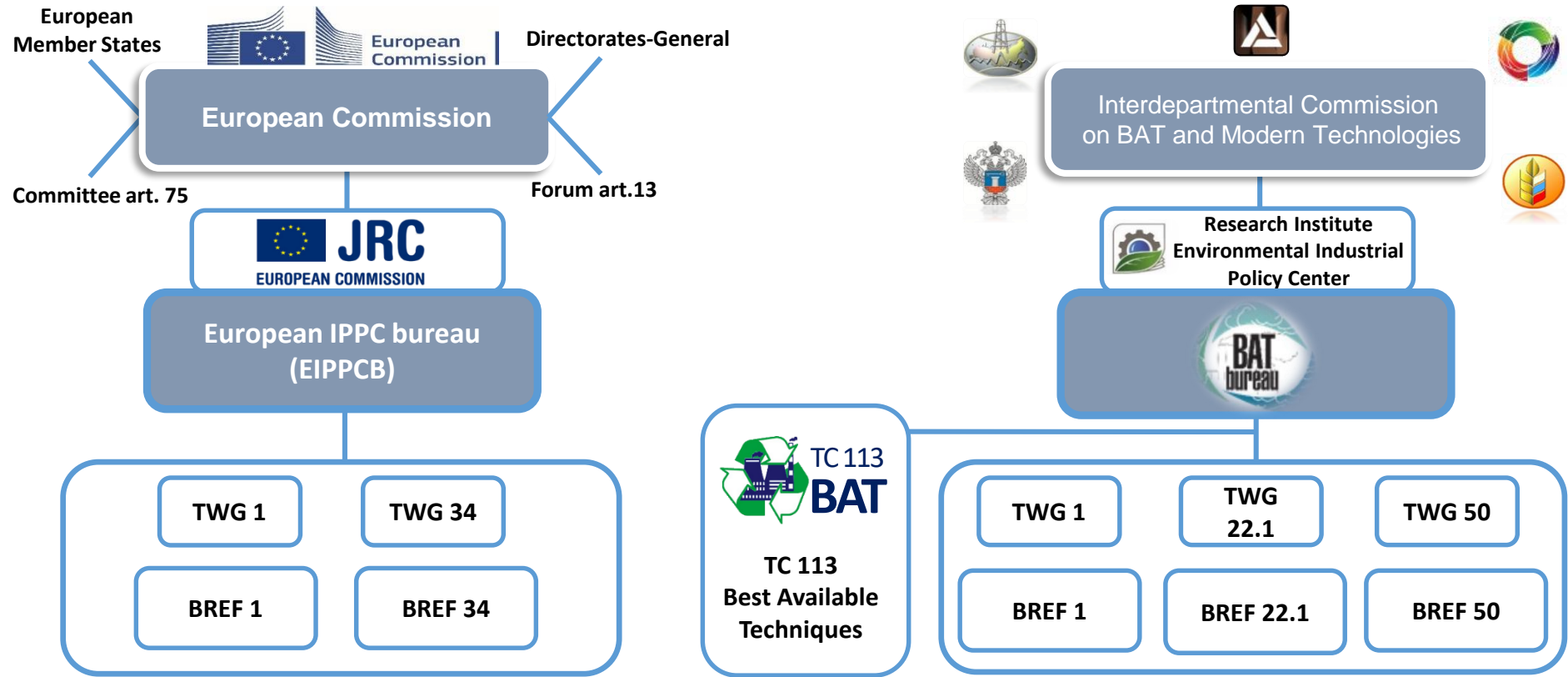
ИТС
5 —
2015

ПРОИЗВОДСТВО СТЕКЛА

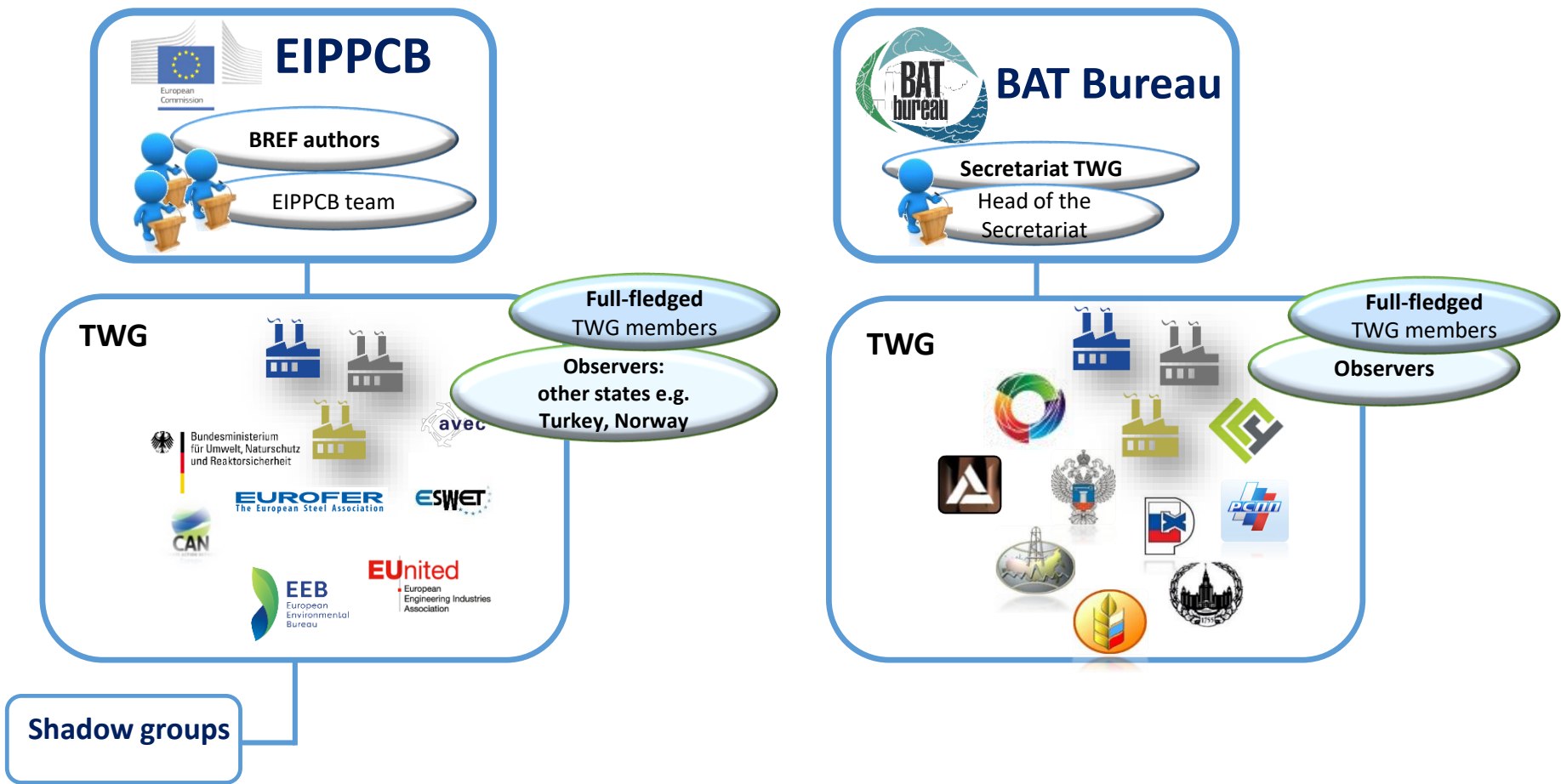
Москва
Бюро НДТ
2015

The EU Reference Books of Best Available Techniques and the RF Information and Technical Book on Best Available Technologies (Techniques) are technical documents presenting factual technical, environmental and economic information, reflecting the outcomes of the information exchange under requirements of the EU Industrial Emissions Directive and the RF legislation in the field of environmental protection and standardization

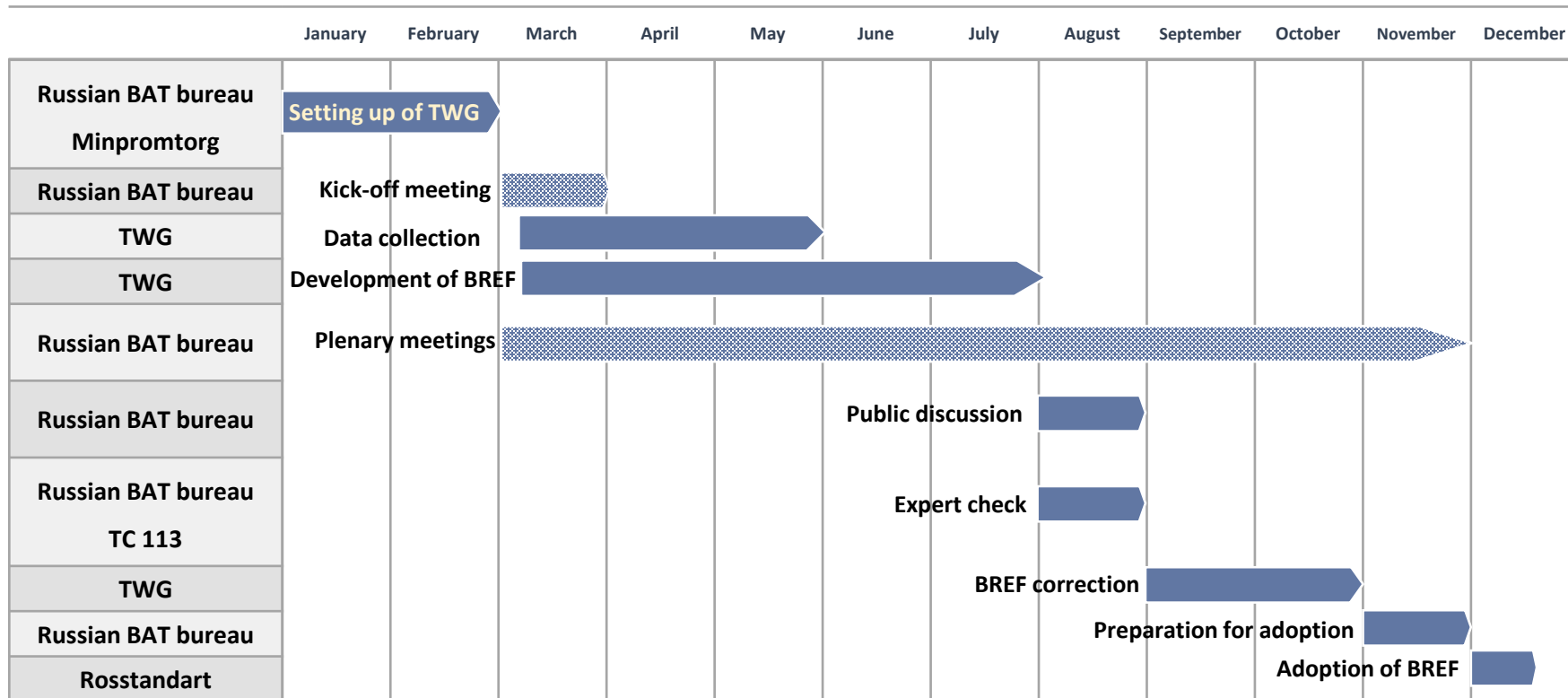
MAIN ACTORS OF BREF DEVELOPMENT PROCESS



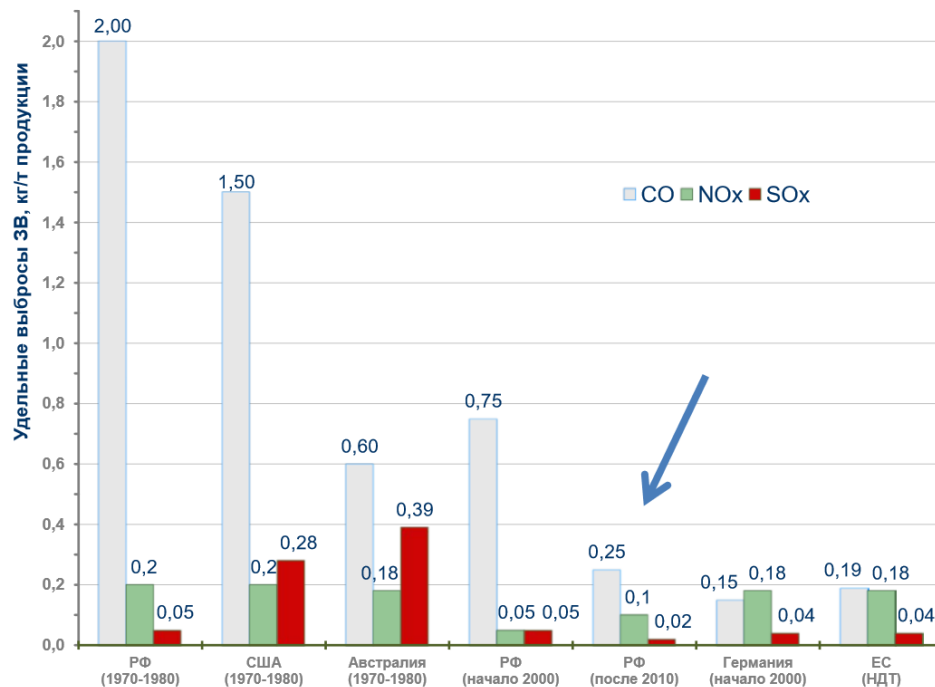
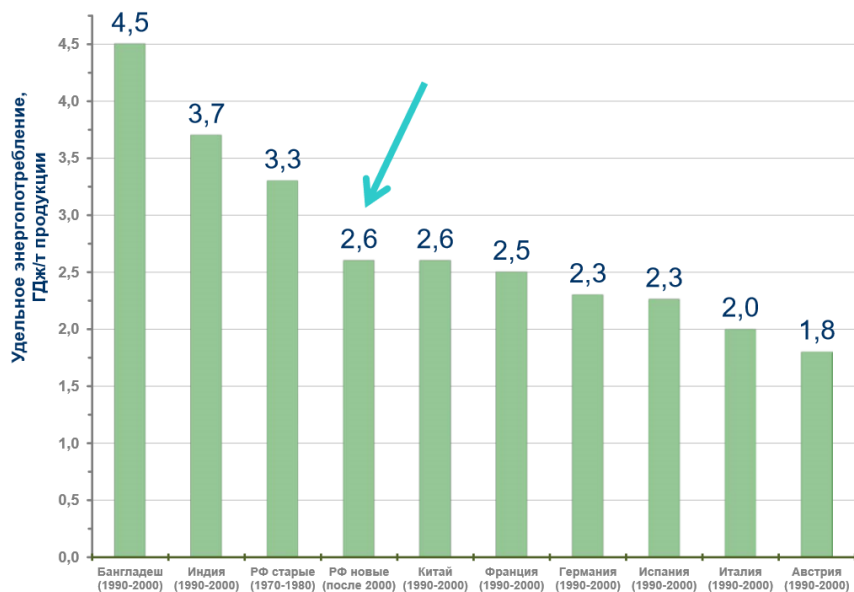
TECHNICAL WORKING GROUPS



STEP-BY-STEP BREF DEVELOPMENT AND ADOPTION IN RF



BENCHMARKING OF INDUSTRIAL ENTERPRISES AND IDENTIFYING BAT (MANUFACTURE OF BRICKS)



INFORMATION EXCHANGE PLATFORMS IN EU AND RF

Russian BAT Bureau Information Platform

<http://burondt.ru>

Главная Бюро НДТ ТРГ Заседания Публичное обсуждение Организации Администрирование

Главная / ↓

Действия

Карточка Документы ТРГ 15 Разделы справочника Разработка Разделы справочника Рассмотрение Разделы справочника Голосование Утвержденные документы

Утвержденные документы

→ Вернуть на голосование

Статус	
утвержден	Сводка отзывов к проекту ИТС НДТ 16 термическим способом (сжигание отходов)
утвержден	Проект ИТС НДТ 15 «Утилизация и обезвреживание отходов (сжигание отходов)»
утвержден	Аббревиатура информационно-технического справочника «Утилизация и обезвреживание отходов»
утвержден	Заключительные положения и рекомендации
утвержден	Раздел 4
утвержден	Раздел 6
утвержден	Раздел 5
утвержден	Область применения
утвержден	Раздел 3
утвержден	Раздел 2
утвержден	Раздел 1
утвержден	Предисловие
утвержден	Введение
утвержден	Перечень групп отходов, подлежащих распространению ИТС НДТ
утвержден	Анкета для сбора информации
утвержден	Расширение области применения Списка Согласно пункту 7 Протокола № 1 Устава «Обезвреживание отходов (кроме сжигания)
утвержден	

Best Available Techniques Information System

<http://eippcb.jrc.ec.europa.eu/batis/>

European IPPC Bureau
BAT Information System

author: Serge Roudier
logout

Thursday, October 22, 2009 2:29 PM

BATIS » Serge Roudier » List of all brefs

Search

Search BREFs (last release) for Advanced search in Brefs / Comments / Annotations / Users

Welcome to BATIS

You are author of the following BREFs:

Order	Bref	Forum	Kick-Off	Status	Rel.	Rev.	Stage	Deadline	HTML	PDF	MsWord
4	Glass manufacture (GLS)		MR	Working draft	2 (GLS 2D)		Closed for comments	30/09/2009			
7	Common Waste Water and Waste Gas (CWW)		MR	Working draft	1 (D1)		Open for comments	27/11/2009			

List of BREFs under other TWGs.

Order	Bref	Forum	Kick-Off	Status	Rel.	Rev.	Stage	Deadline	HTML	PDF	MsWord
2	Iron and Steel production (IS)		MR	Checked out		4			NPY*		
3	Pulp and Paper manufacture (PPM)		MR	Checked out		2			NPY*		
5	Non Ferrous Metals (NFM)		MR	Working draft	1 (NFM 2D)		Closed for comments	15/10/2009			
5	Tanning of Hides and Skins (TAN)			Working draft	1 (D1)		Comments released	31/05/2009			
8	Refineries (REF)		MR	Checked out		2			NPY*		
9	Chlor-Alkali (CAK)			Checked out		3			NPY*		
10	Intensive Rearing of Poultry and Pigs (IRPP)		MR	Under revision		1			NPY*		
11	Ferrous Metals Processing Industry (FMP)			Under revision		1			NPY*		

* NPY = Not Published Yet
To change your password click [here](#).

© 2002-2007 IPTS | EIPPCB Please submit your questions, comments or suggestions to the [European IPPC Bureau](#)

REFERENCE BOOKS ON BEST AVAILABLE TECHNIQUES IN EU AND RF

<http://eippcb.jrc.ec.europa.eu/reference/>



JOINT RESEARCH CENTRE

Circular Economy and Industrial Leadership

EUROPA > European Commission > EU Science Hub > EIPPCB

HOME | ABOUT US | REFERENCE DOCUMENTS | COM DOCUMENTS | EVENTS&NEWS | JOB OPPORTUNITIES | FAQS | MEMBERS AREA

Reference documents under the IPPC Directive and the IED

Best available techniques Reference document (BREFs) developed under the IPPC Directive and the IED

- Ceramic Manufacturing Industry
- Common Waste Water and Waste Gas Treatment/ Management Systems in the Chemical Sector
- Common Waste Gas Treatment in the Chemical Sector
- Waste Incineration
- Waste Treatment
- Wood-based Panels Production

Reference Document (REFs)

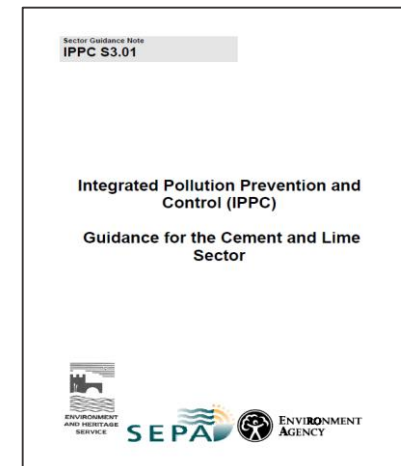
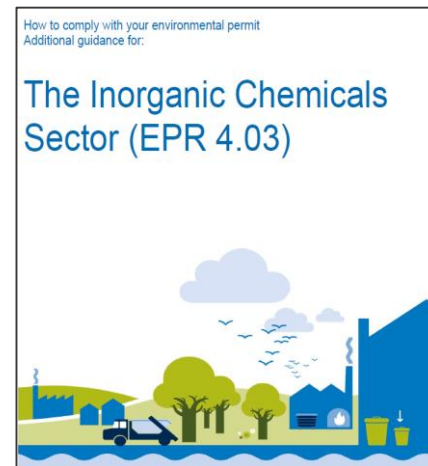
- Economics and Cross-media Effects
- Monitoring of emissions from IED-installations

Code	Adopted/Published Document	Formal draft (*)	Meeting report	Estimated review start (**)
CER	BREF (08.2007)			
CWW	BATC (06.2016) BREF			
WGC			MR (09.2017)	Drawing up started
WI	BREF (08.2006)	D1 (05.2017)	MR (01.2015)	
WT	BREF (08.2006)	FD (10.2017)	MR (11.2013)	
WBP	BATC (11.2015) BREF			
Code	Adopted Document	Formal draft (*)	Meeting report	Estimated review start
ECM	REF (07.2006)			
ROM	REF (07.2003)	Revised FD (06.2017)		

<http://burondt.ru/index/its-ndt.html>

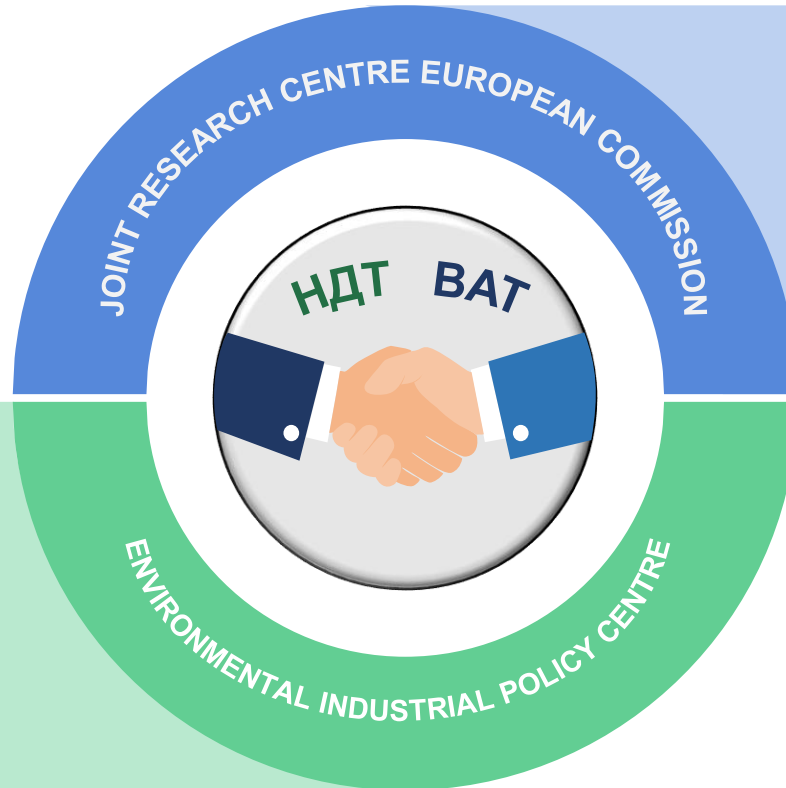
REVIEW OF REFERENCE BOOKS ON BEST AVAILABLE TECHNIQUES

- To form the **expert community in the field of BAT**
- To expand **BAT application area**
- To Develop sectoral **guidelines and recommendations** for preparation of Integrated Environmental Permit application and ensuring compliance with BAT criteria
- To Systematize **information on industrial environmental monitoring**
- To **train experts**
- To run sector pilot projects
- ...



INTERNATIONAL COOPERATION

- Harmonization of the BAT-related legislation
- Monitoring of the transboundary pollutants transport



**European
IPPC Bureau**



**Russian
BAT Bureau**

- Approaches to setting BAT-AEL
- Tools and methods of the BAT economic assessment





THANK YOU FOR YOUR ATTENTION!



Alexander Sanzharovskiy
+ 7 (495) 583-65-83 ext. 1405

a.sanzharovskiy@eipc.center

