



Информационный семинар для лиц, принимающих решения  
(вспомогательное мероприятие №5)

## ***«Информация о работах по исключению «горячих точек» СБЕР и их связь с НДТ»***

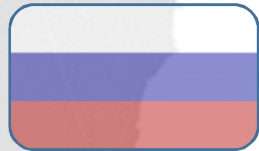
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Совета Баренцева/Евроарктического Региона (СБЕР)

г. Санкт Петербург 28 января 2020 года



# Barents' Working Group on Environment (WGE)



Subgroup on Hotspot Exclusion (SHE)



Subgroup on Nature and Water (SNW)



TF Waste water



TF Pulp & paper



TF Contaminated soils



TF Mining & metallurgy



TF Heating plants



TF Waste



TF SA 4+5



TF Communication

## ***1.1. The Barents Environmental Hot Spots***

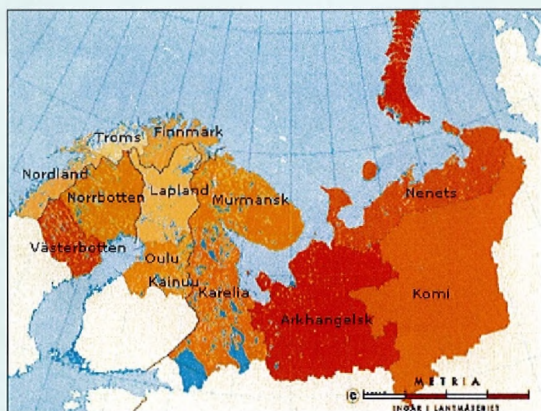
- The Barents Environmental “Hot Spots” List was prepared in 2003 as an update of a broader study from 1995
- In total 42 sites were identified – all in the Russian part of the Barents Euro Arctic Region
- “Dedicated actions to be initiated within 10 years”, i.e. **in 2013**



**Nordic Environment Finance Corporation (NEFCO)**

***Updating of Environmental "Hot Spots" List  
in the Russian Part of the Barents Region:***

***Proposal for Environmentally Sound Investment Projects***



AMAP Secretariat  
Oslo, August 2003



## 1.2. The Hot Spot Exclusion Procedure

8<sup>th</sup> MiM 2007: Ad-hoc Task Force was established

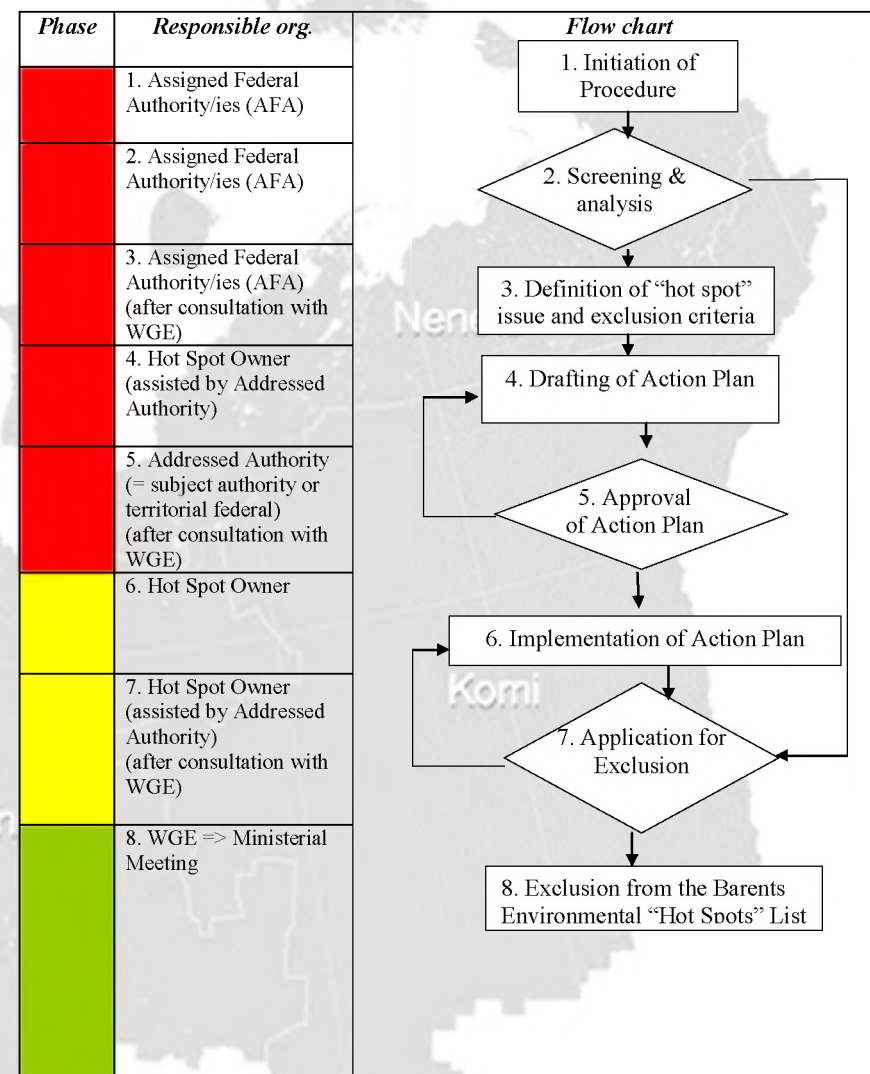
9<sup>th</sup> MiM 2010: “Procedures and Criteria for Exclusion” adopted

### 8 step Procedure in 3 colours:

**1-5: Problems assessed, Actions are Planned**

**6-7: Agreed Actions in Progress**

**8: Addressed Environmental Problems are Solved**



## 1.3. Exclusion Criteria

### General Exclusion Criterion

- ***Compliance with Russian legislation (norms, but not temporary permits)***
- ***Compliance with signed International Conventions***
- ***No excessive transboundary pollution***

### Specific Exclusion Criteria

- **A set of Criteria (=Conditions) that are set individually for those hot spots that does not obviously fulfil the general criteria.**
- **Possibility to more precisely define the problem geographically and thematically**

## ***1.4. Hot Spots Excluded so far***

### **Hot spots excluded at the 10<sup>th</sup> Ministerial Meeting in Umeå 2011**

A10 – Stocks of Obsolete Pesticides in Arkhangelsk Oblast

K10 – Stocks of Obsolete Pesticides in Karelia

M8 – Mercury containing wastes in Murmansk Oblast

### **Hot spots excluded at the 11<sup>th</sup> Ministerial Meeting in Inari 2013**

A2 – Arkhangelsk Heat and Power Plant

K1 – Kondopoga Pulp and Paper Mill

N4 - Mercury containing wastes in Nenets Autonomous Okrug



## ***- Examples***

### **Hot spots excluded at the 12<sup>th</sup> Ministerial Meeting in Sortavala 2015**

A3-2 – Severodvinsk Heat and Power Plant (Plant Nr2)

K4 – Drinking Water in Petrozavodsk (Entirely)

Ko3-1 – Mondi Pulp and Paper Mill in Syktyvkar (Air)

### **Hot spots excluded at the 13<sup>th</sup> Ministerial Meeting in Vadsø 2017**

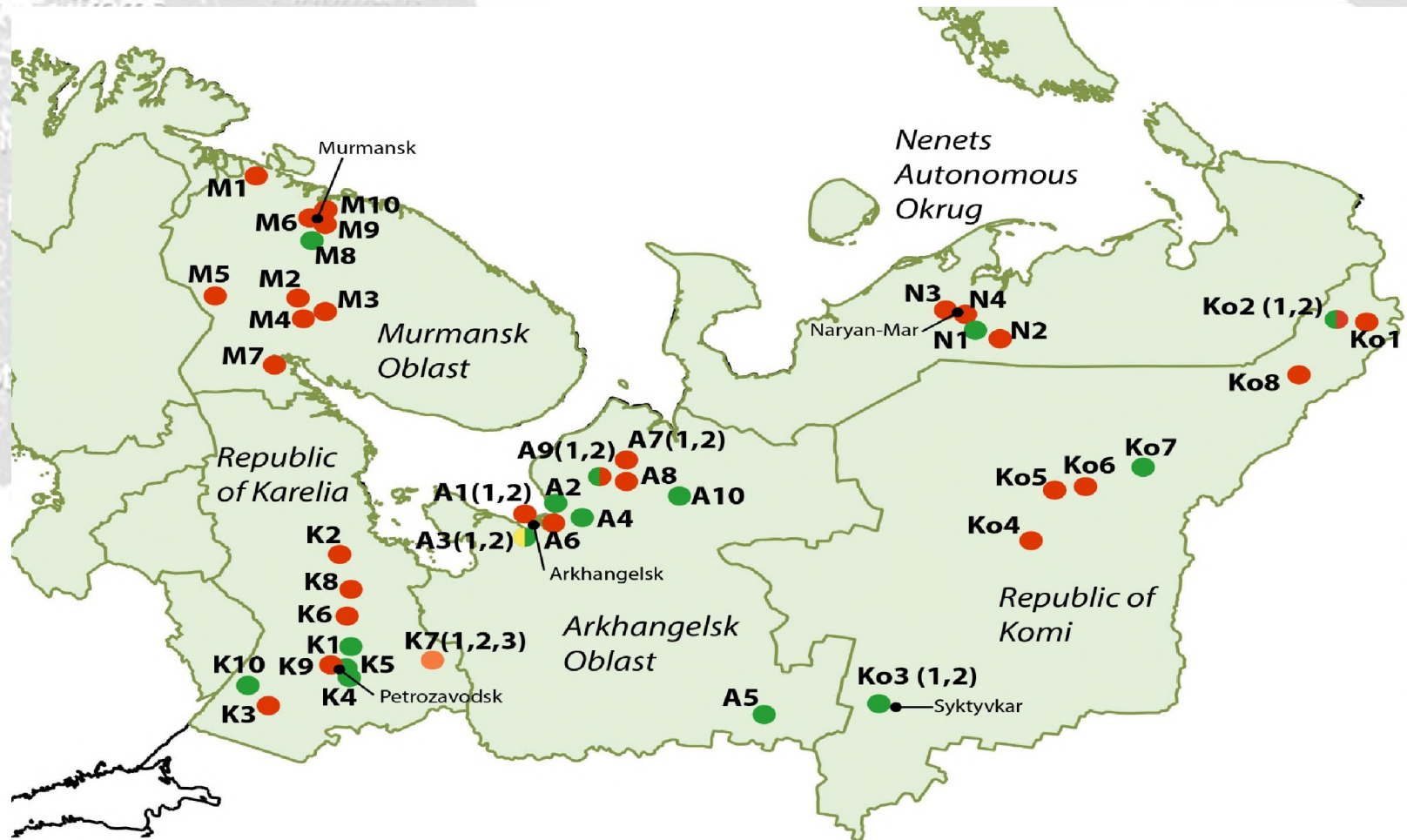
A4 - Arkhangelsk Pulp and Paper Mill

Ko2-1 - Reduction of dust emissions from Vorkuta cement plant

Ko-7 - Wood waste from timber, pulp and paper industry in the 9 forest districts of the Komi Republic



## 1.5. Barents Environmental Hotspots January 2020.



## ***2.1. Key Role of the Hot Spot Exclusion Procedure***

- Promote Actions for enhanced environmental performance – incl. implementation of BAT and BEP
- Attract Funding
- Monitor the Progress – and tell about positive examples
- Disseminate experience to other sites, enterprises and regions

## 2.2. Coherence of Hotspots and BAT-based permit granting according to the new legislation under FZ-219

Order of Permit  
Granting as by  
FZ-219

Elaborate a Plan for Enhanced  
Environmental Performance

Conditions in  
the Permit

Funding

Implementation  
of the EEP Plan

Hotspot Exclusion  
Procedure

3. Determine  
Specific Criteria =  
"Permit"

4. Action Plan  
designed to  
fulfill the  
criteria

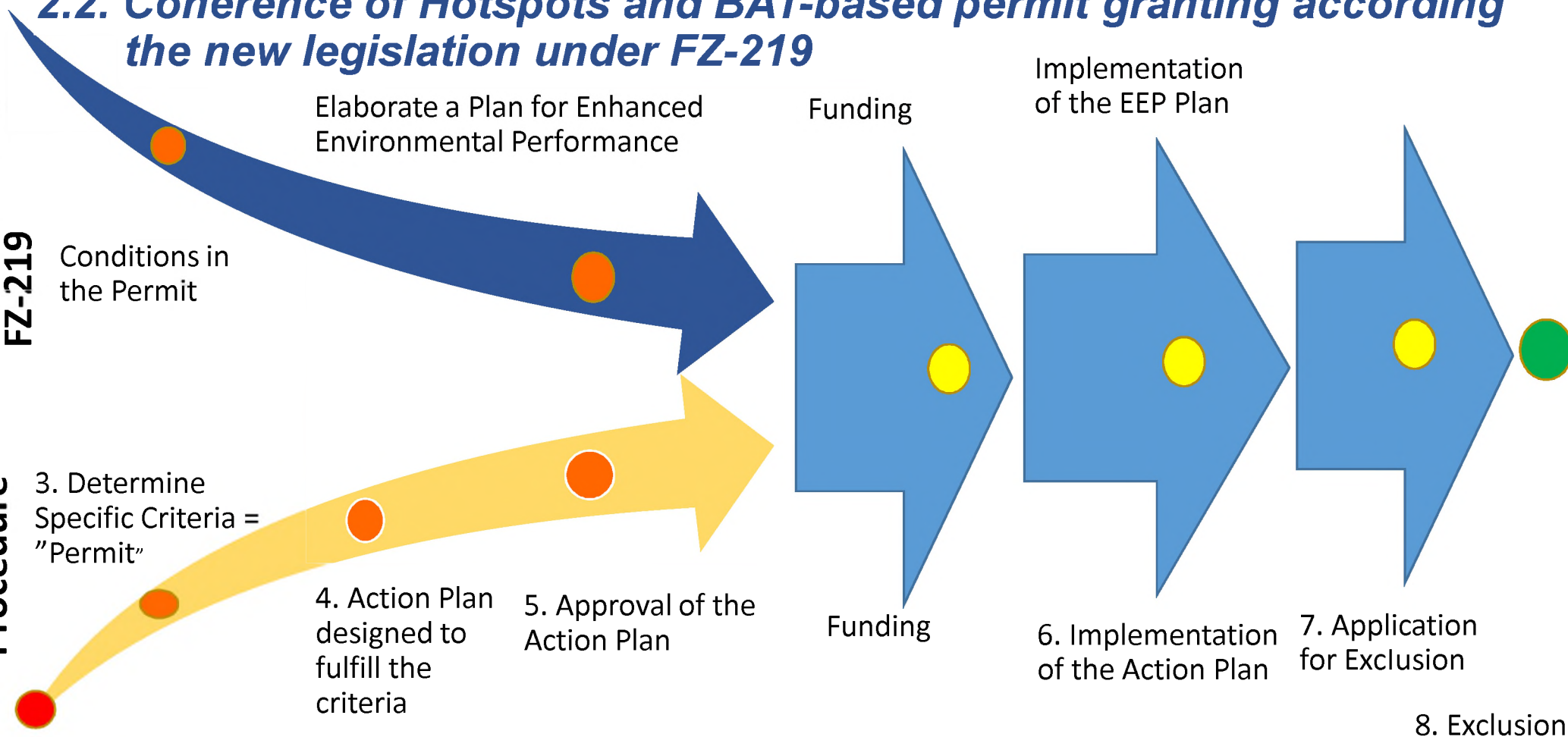
5. Approval of the  
Action Plan

Funding

6. Implementation  
of the Action Plan

7. Application  
for Exclusion

8. Exclusion!



## 1.2. The Hot Spot Exclusion Procedure

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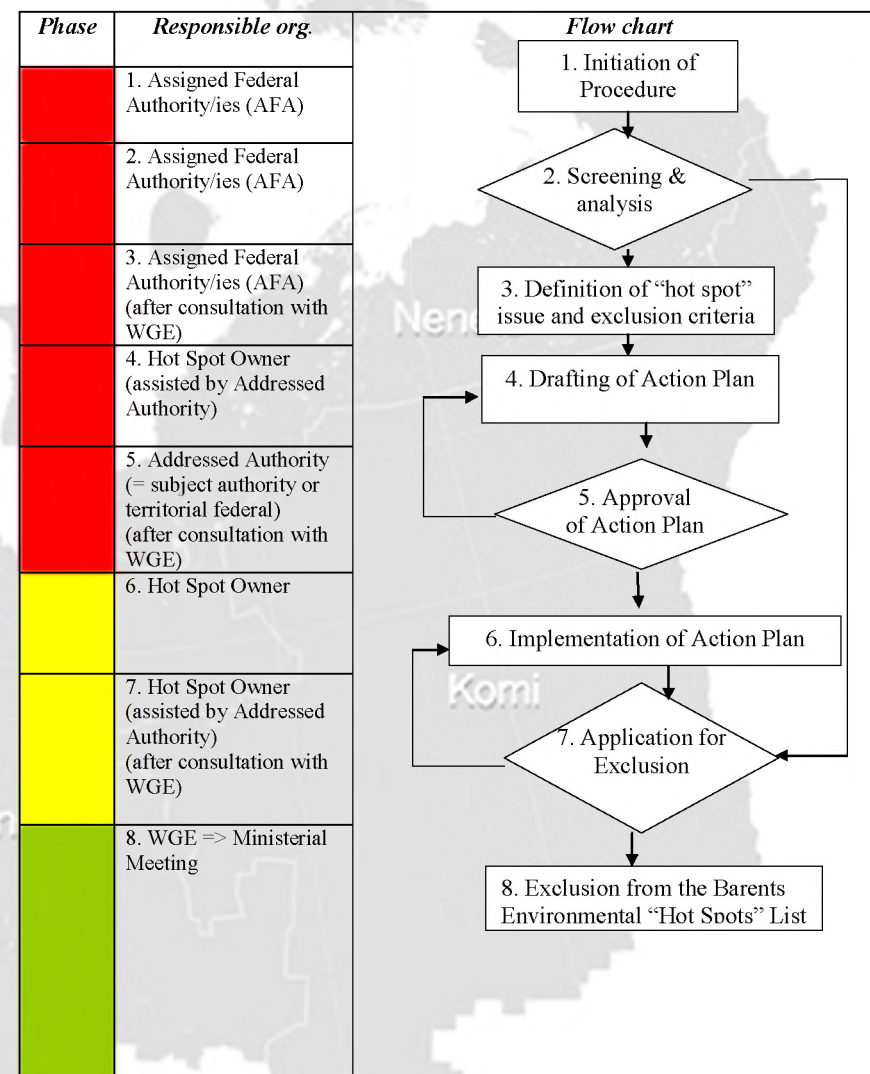
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### ***3.1. Key Role and Set-up of the Support Activities***

- Purpose: Promote the "move" of a particular hot spot through the 8 steps of the Hot Spot Exclusion Procedure
- All Support Activities (except of №1a and №1b) have a basic principal design which may be specifically refined for a certain hot spot or branch
- Having conducted one support activity, the results and experience of its implementation is supposed to guide the progress also of other hot spots/branches
- The full list of Support Activities (with their principle description) were disseminated to the five regional Hotspot Exclusion Groups with the request to respond with their priorities and preferences regarding the most relevant Support Activities in the respective region



## List of the Hot Spot Support Activities

### Supporting Activities for promotion of BAT-based Action Projects (FZ-219):

№1a - BAT Training for Managers



№1b - BAT Training for Experts



№2 - Branch-Specific Seminars on Russian BREFs, Nordic Experience and Technical Innovations



№3 - Branch-Specific Study Tours



№4 - Drafting of Environmental Efficiency Plans for Pilot Plants



№5 - Training in BAT-based Permit Granting leading towards Agreed Criteria at selected Pilot Plants

### Supporting Activities – Promotion of actions on hotspots prioritized for full track exclusion

№6 - Refinement of S&A Reports and Determination of Specific Exclusion Criteria (Step 2+3)

№7 - Action Planning (Step 4)

№8 - Action Implementation (Step 6)

№9 - Voluntary Climate Inventories (Inventory of climate impact and possible remediation actions, using approved Russian methodology)

№10 – Support to Outreach Activities

### Вспомогательные мероприятия в поддержку проектов по НДТ (ФЗ-219):

№1a - Семинар по НДТ для лиц, принимающих решения



№1b - Семинар по НДТ для специалистов предприятия и инспекторов природоохранных органов



№2 - Отраслевые семинары по ИТС НДТ, опыту Северных стран и техническим



№3 - Branch-Specific Study Tours



№4 - Проекты ППЭЭ для пилотных заводов/предприятий



№5 - Тренинг по процедуре выдачи КЭР на пилотных заводах/предприятиях, ведущий к разработке согласованных критериев

### вспомогательные проекты – поддержка деятельности на «горячих точках» («Полный путь»)

№6 - Уточнение скрининговых аналитических отчетов и определение специфических критериев исключения (Этапы 2+3)

№7 - Планирование действий (Этап 4)

№8 - Выполнение действий (Этап 6)

№9 - Добровольная климатическая инвентаризация (инвентаризация воздействия на климат и возможных действий по ликвидации последствий, используя утвержденную российскую методологию)

№10 - Поддержка дополнительных разъяснительных мероприятий





## Partner organisations



Nordic Environment  
Finance Corporation



Environmental  
Industrial Policy  
Center (EIPC)



Ministry of Natural  
Resources and  
Environment of the  
Russian Federation



Russian BAT-Bureau

Arkhangelsk

Komi

### ***3.3. Example on branches in focus for the Support Activities***

- Heat and Power Plants
- Pulp and Paper Mills
- Aluminium Industry
- Oil refineries
- Water and Wastewater Treatment
- Waste Incineration









Thank You for Your Attention!