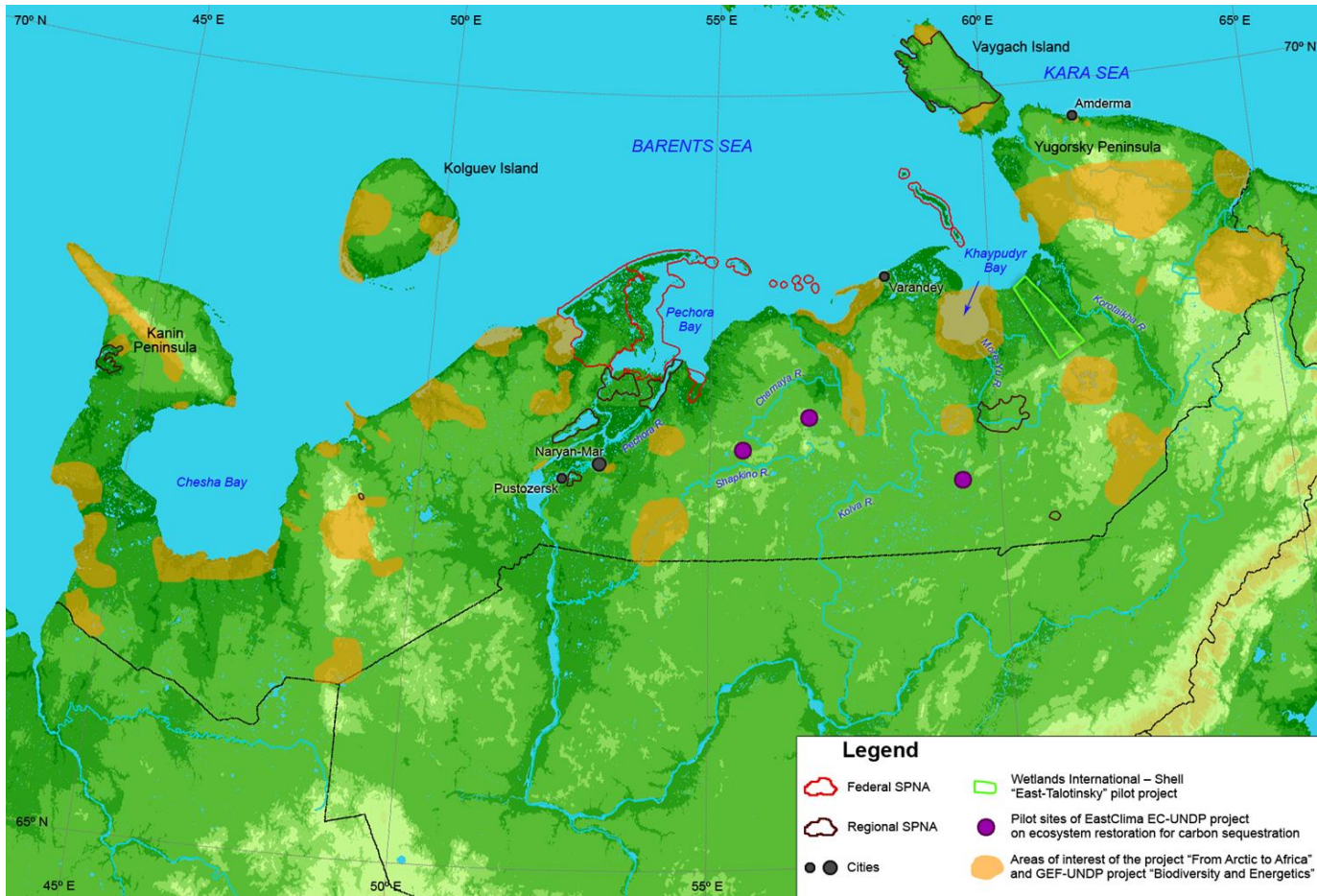


# The regional partnership for Arctic wetlands biodiversity restoration in Nenets Autonomous Region (Russia)

Presented by Tatiana Minayeva

# The particularities of the Nenets Autonomous Region (NAO)

## The background for regional partnership



- Timano-Pechorsky hydrocarbon basin – one of the richest on-shore basins in Europe
- The area of traditional land use by indigenous people
- Crucial role for biodiversity, especially migrating waterbirds and marine mammals
- European part of Russia and part of Barents region
- Double governance: Archangelsk and autonomous okrug (region) government
- Traditional high interest for scientists, including foreign, and projects
- Good long term platform for intersectorial dialogue - Ecopechora

# The environment governance and issues in NAO

## The background for regional partnership

### Governance

- Department of environment and land use of NAO government
- Archangelsk department for protected areas (regional)
- Federal environment supervisory service (Rosprirodnadzor) – local branch
- Federal Nature Reserve and Zakaznik “Nenetsky”

### Environment problems

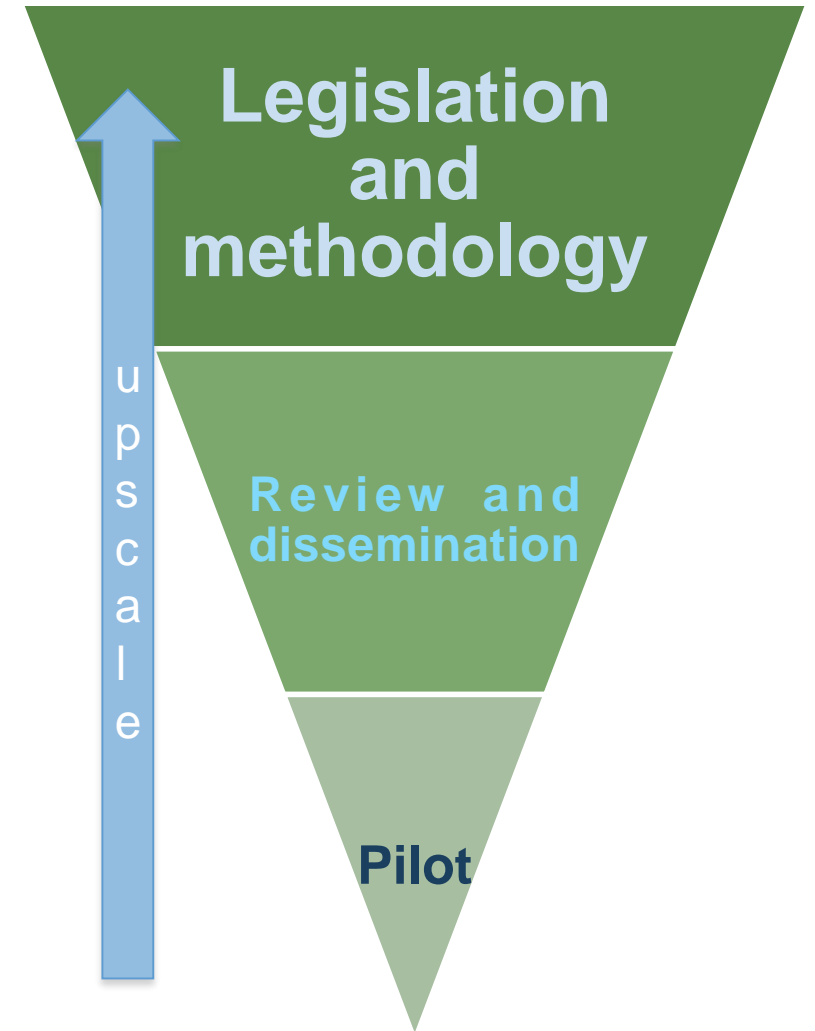
- Accumulated impact from 1970-80<sup>th</sup> – urgent restoration measures needed
- Former nuclear and surface oil pollution (mainly from Komi via river flow)
- Rapid modern development of oil-gas projects with decrease of “western” investments – exploration and transportation
- Industrialisation of the traditional use (overgrazing by reindeer herds; collection of eggs for commercial use)
- Poaching – new incentives and modernisation of the process
- Out time legislation and governance structure

# The role of business and civil society in environment protection in NAO

The background for regional partnership

NGOs via internationally funded projects and business via corporate standards have capacity for:

- Pilot projects for innovations: ecosystem approach, new technics and technologies
- Intersectorial cooperation and stakeholders involvement
- Dissemination and upscaling of the best practices and experience
- Lobbying for legislation changes and integration into the day-to-day practices



# The pilot projects on the ecological restoration

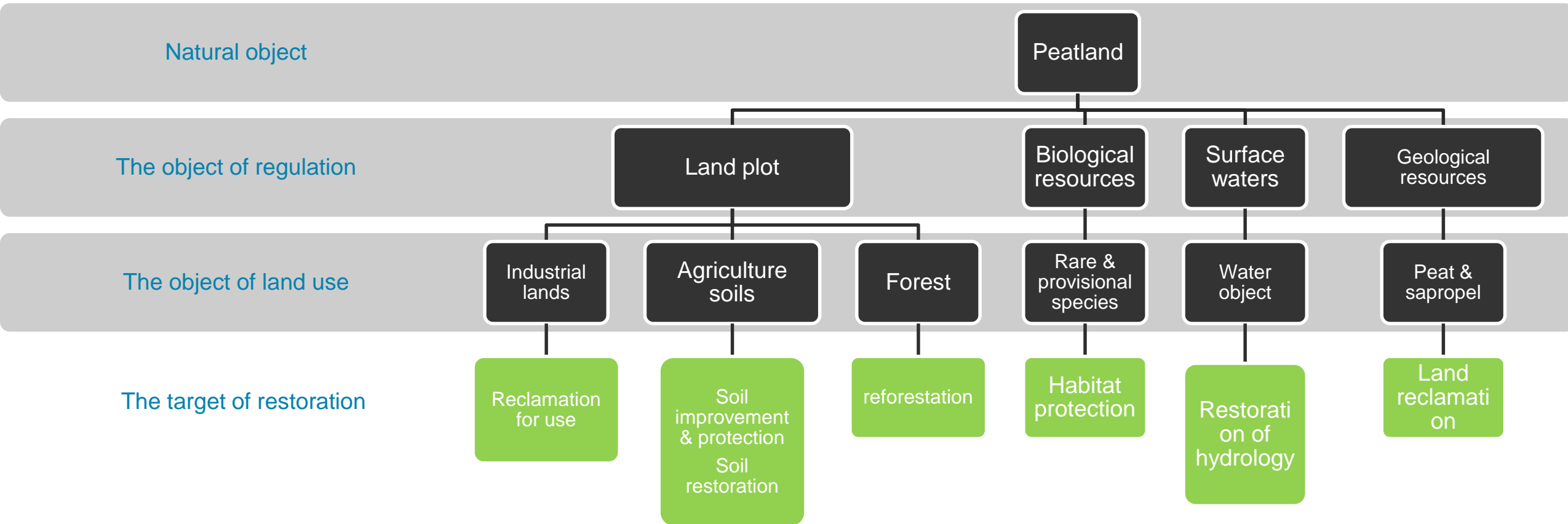
## The background for regional partnership

- Ecological restoration is not a part of the legislation in Russia
- Rehabilitation is on agenda both of companies and government
- Ecological restoration is more effective for business and meets needs of wider circle of stakeholders



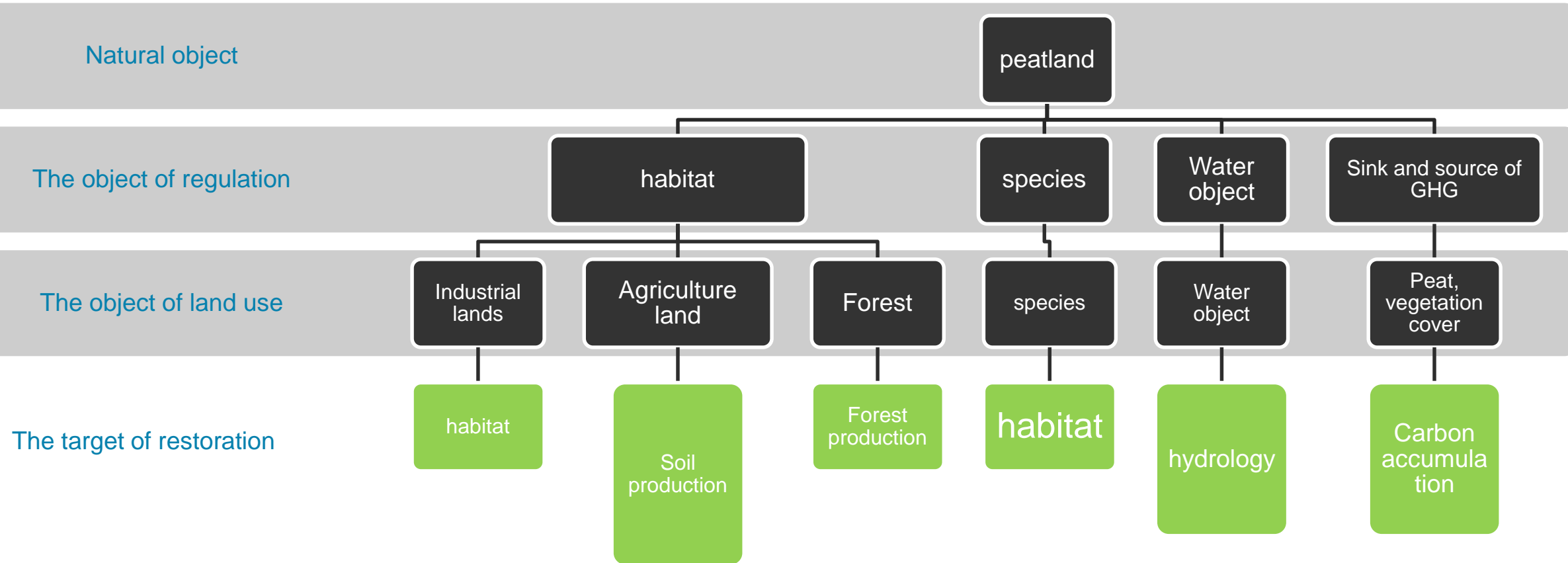
# Integration of ecosystem restoration into the land use practice

The sectorial approach – Russia and countries with post soviet legislation structure (example – peatland)



# Integration of ecosystem restoration into the land use practice

The object based approach – the EU countries (example – peatland)



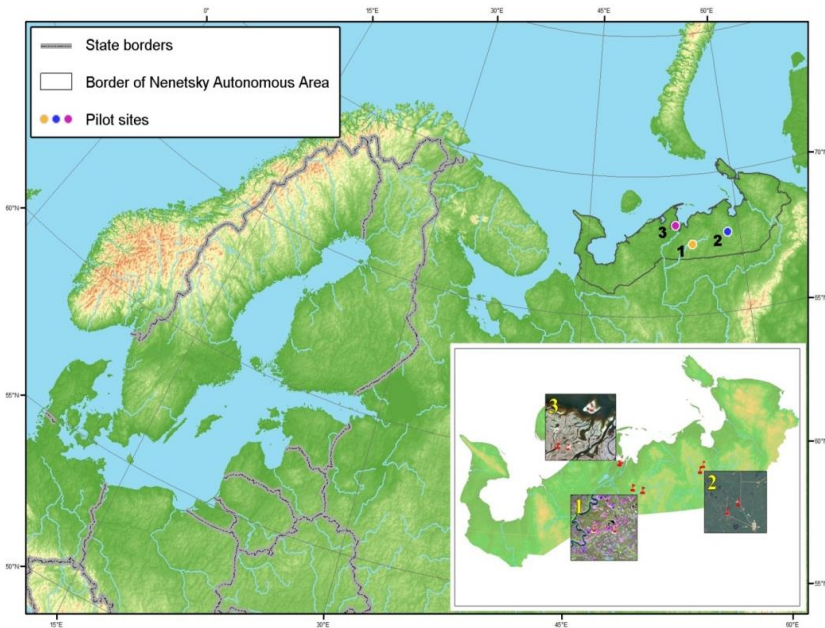
**Ecosystem functions restoration!**



Federal Ministry for the Environment, Nature Conservation and Nuclear Safety



**ПРОЕКТ ПРООН/ГЭФ «УКРЕПЛЕНИЕ СИСТЕМ ОСОБО ОХРАНЯЕМЫХ ПРИРОДНЫХ ТЕРРИТОРИЙ РЕСПУБЛИКИ КОМИ В ЦЕЛЯХ СОХРАНЕНИЯ БИОРАЗНООБРАЗИЯ ПЕРВИЧНЫХ ЛЕСОВ В РАЙОНЕ ВЕРХОВЬЕВ РЕКИ ПЕЧОРА»**



Shapkina – municipal lands



Kumzha – CH-invest



Upper Kolva - Rusvietpetro

**Wetlands International together with UNDP-Komi set up three pilot projects on the ecological restoration based on the ecosystem approach.**



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ПРОЕКТ ПРООН/ГЭФ «УКРЕПЛЕНИЕ СИСТЕМЫ ОСОБО ОХРАНЯЕМЫХ ПРИРОДНЫХ ТЕРРИТОРИЙ РЕСПУБЛИКИ КОМИ  
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A



B



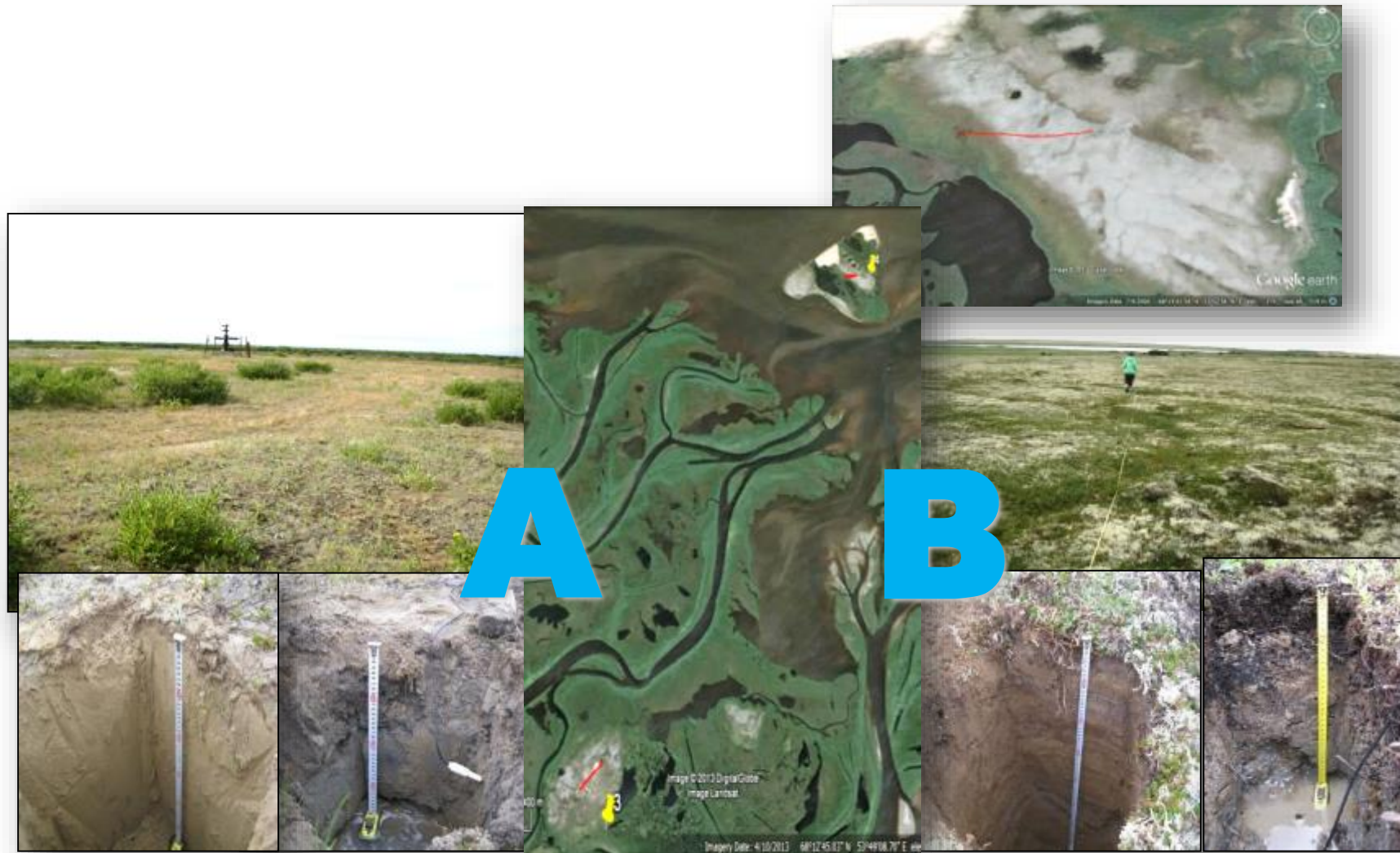
Baseline study Shapkina: A. – drilling plot (80<sup>th</sup>); B. – reference area



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**ПРОЕКТ ПРООН/ГЭФ «УКРЕПЛЕНИЕ СИСТЕМ ОСОБО ОХРАНЯЕМЫХ ПРИРОДНЫХ ТЕРРИТОРИЙ РЕСПУБЛИКИ КОМИ  
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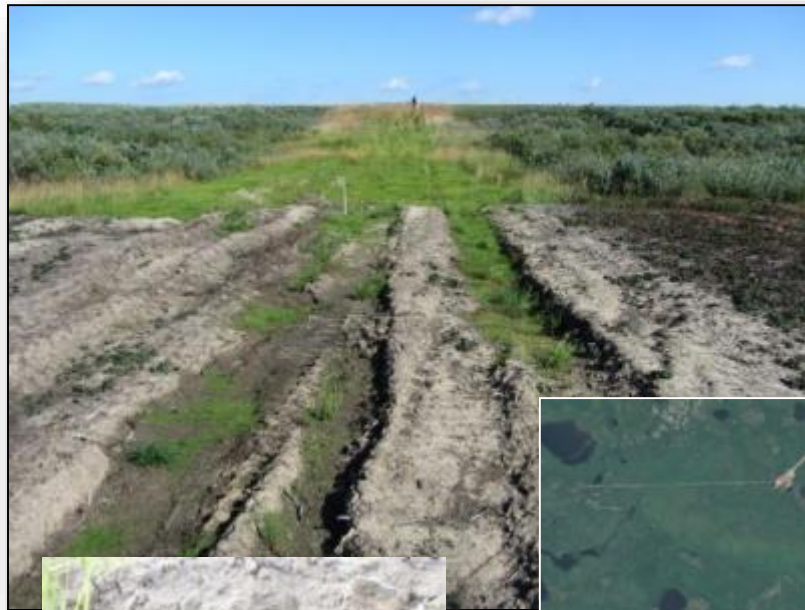
**Pilot “Kumzha” A. – drilling plot ; B. – reference area**



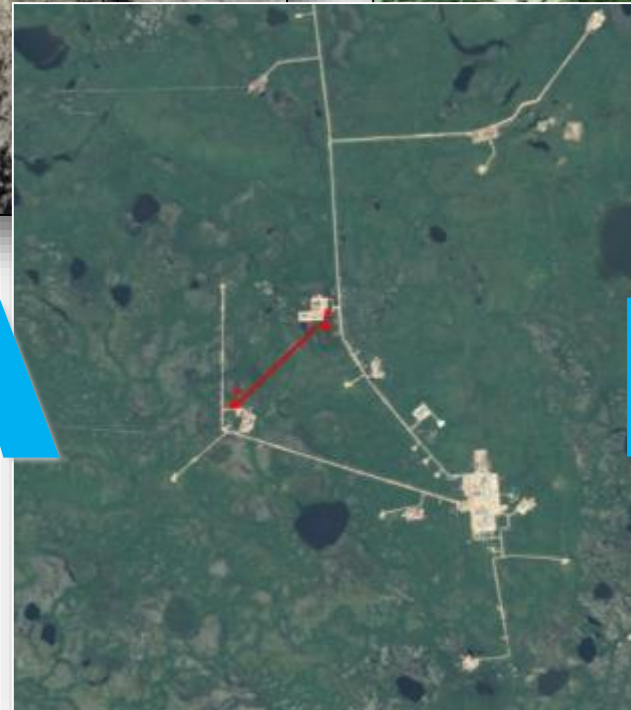
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ПРОЕКТ ПРООН/ГЭФ «УКРЕПЛЕНИЕ СИСТЕМЫ ОСОБО ОХРАНЯЕМЫХ ПРИРОДНЫХ ТЕРРИТОРИЙ РЕСПУБЛИКИ КОМИ  
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**A**



**B**



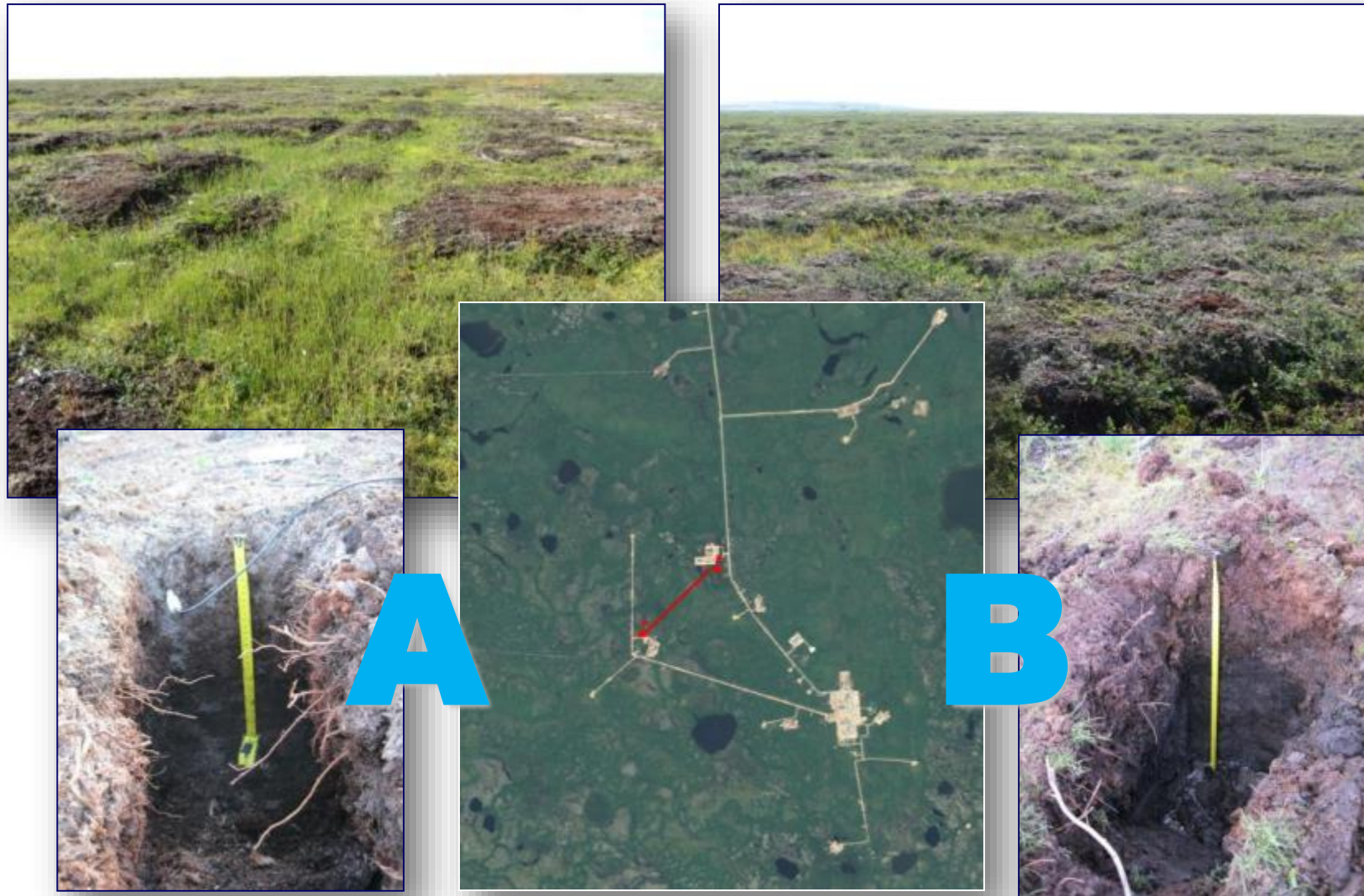
Pilot "Upper Kolva" A. – winter road crossing lowland; B. – reference area



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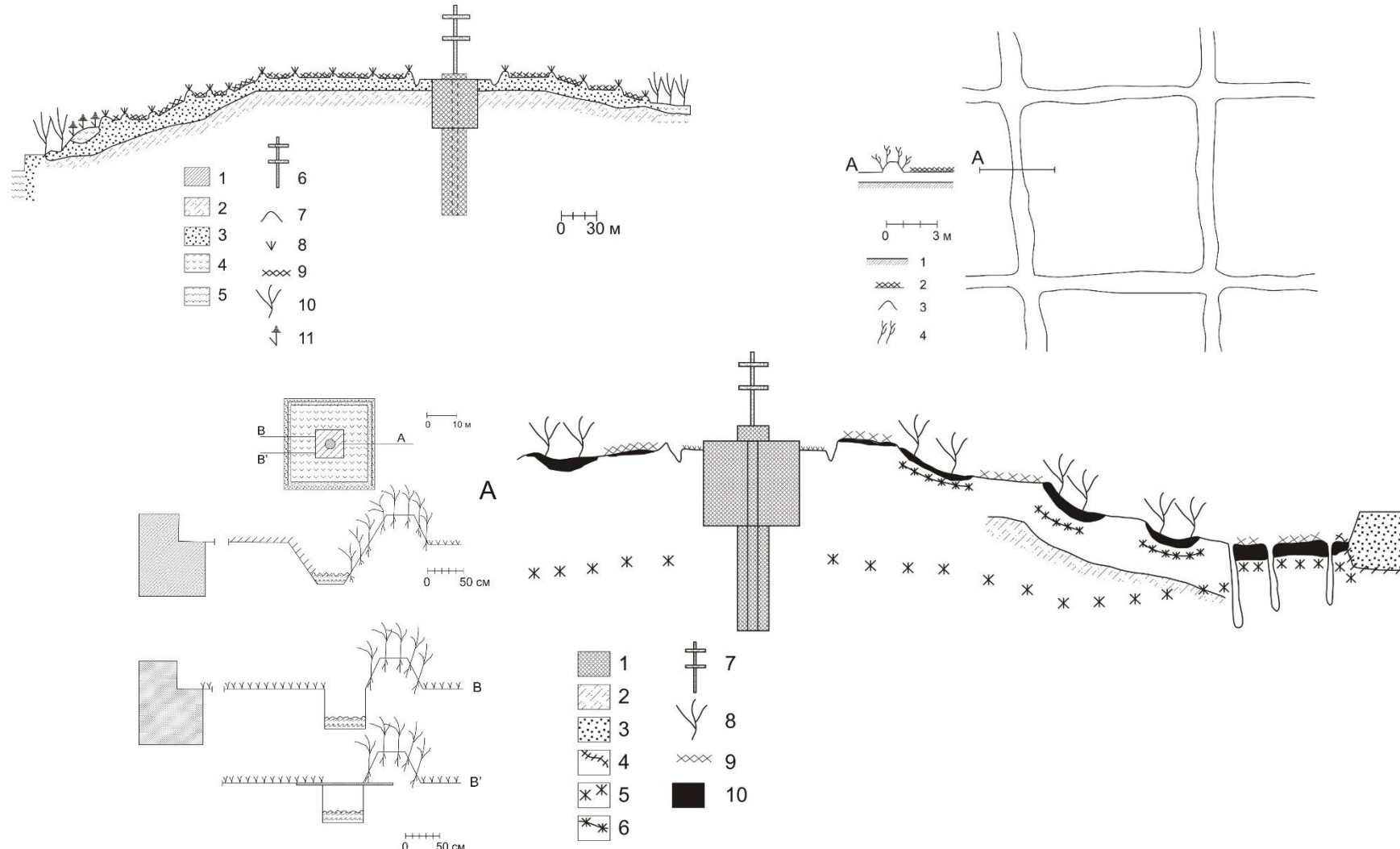
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Pilot "Upper Kolva" A. – winter road through palsa mire; B. – reference area



The restoration concepts and designs and technical solutions developed to meet needs of function restoration. The project documentation developed and the contradictions between solutions and legislation analysed



# The lessons learned

## The example of regional partnership

The partnership between NGO and business is effective when

- Diverse stakeholders involved
- The governance is not direct and involves different levels in the decision making
- There is need of experimental/demonstration projects which demand investments
- A lobbying for the legislation change is demanded
- The platform for the dialogue is ready

**Thank you for your attention**