

Main problem:

1. A dramatic drop of the fish resources (especially over the last 20-50 years).
2. Due to unemployment and very low income in forest villages fish resources became again a very important source of livelihood and survival of the local population.





**Tributary Nizhniaya Puzla - Нижняя Пузла
Illegal fishing camp on salmon spawning tributary**



22.10.2012

Silver Taiga Foundation

4

Tributary Nizhniaya Puzla - Нижняя Пузла
Illegal fishing stone barrier



22.10.2012

Silver Taiga Foundation

5

Нелегальный вылов рыбы
Обзорная экспедиция по реке Мезень и её притокам –
июль 2011;
Мезень – от Курмыша до Пижмы



22.10.2012

Silver Taiga Foundation

6

**Mezen River near Rodoma village - Река Мезень в
окрестности деревни Родома
Barriers for illegal fishing of salmon**



22.10.2012

Silver Taiga Foundation

7

**Mezen River near Rodoma village - Река Мезень в
окрестности деревни Родома
Barriers for illegal fishing of salmon**

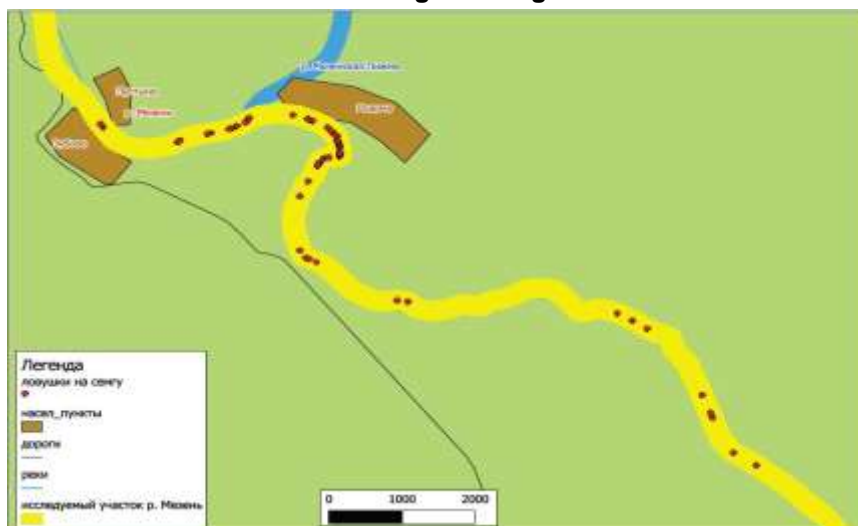


22.10.2012

Silver Taiga Foundation

8

Mezen River near Rodoma village Barriers for illegal fishing of Salmon



Карта создана фондом «Серебряная тайга» в сотрудничестве с Комирыбвод – полевые данные с дня 22.07.2011
 22.10.2012 Silver Taiga Foundation

9

Нелегальный вылов рыбы

Обзорная экспедиция по реке Мезень и её притокам – июль
 2011;

Мезень – приток Пижма Мезенская



22.10.2012

Silver Taiga Foundation

10

Нелегальный вылов рыбы

Обзорная экспедиция по реке Мезень и её притокам – июль
2011;

Мезень – от Пижмы до Сулы



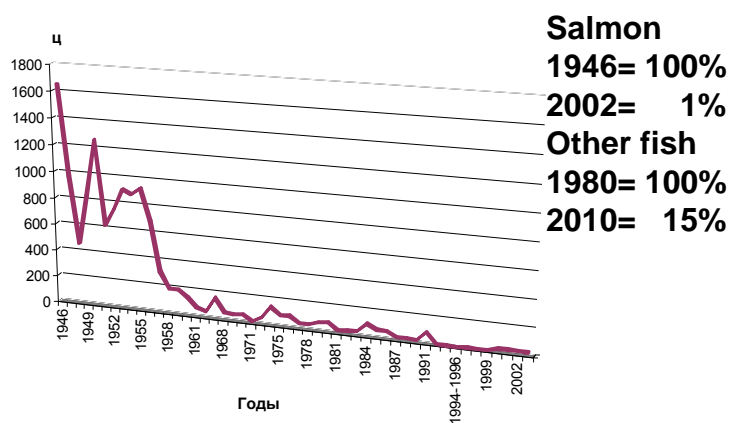
22.10.2012

Silver Taiga Foundation

11

Salmon harvest in Mezen River 1946-2002

(Zakharov A.B. 2010)



22.10.2012

Silver Taiga Foundation

12

Salmon reproductive population in Upper Mezen River 2011

**Monitoring of 126 km of suitable habitat –
only 11 Salmon nests recorded;**

**At the same time in lower part of the river and in its
outlet state agency of Arkhangelsk oblast is allowing
salmon commercial fishing expressed in thousand
kilograms.**

22.10.2012

Silver Taiga Foundation

13

Leasing problems on Irva and Upper Mezen River



22.10.2012

Silver Taiga Foundation

14

Leasing problems on Irva and Upper Mezen River

- Lease system is oriented for either sportive or commercial fishing, but not community needs
- Lease holder should provide written report every 5 days,
- Lease holder cannot control other fish user on lease area,
- Lease holder is obliged to catch 70-100% of quota,
- The quota are calculated based on river habitat, not on fish population level,

22.10.2012

Silver Taiga Foundation

15

Why it is happening with river? 1

- Governance and management system are not adapted to river as linear ecosystem crossing administrative borders,
- There is strong believe that separated management of different river components should give positive integrated result – practice is showing that it is not happening, but there is no alternative,
- State agencies responsible for different aspects of river management are not cooperating and have not platform for meetings,
- Complex program for whole river and basin management is not developed and even is not considered,
- Local population dependent on river resources and living with river has no influence on governance and management decisions,

22.10.2012

Silver Taiga Foundation

16

Why it is happening with river? 2

- Monitoring of fish resources and basic components of river is in its very early stage,
- Impact of industrial logging on river is not monitored,
- Quality topographic maps with streams and small wetlands are not available for logging companies and road planners,
- Traditional system of fishing based on family sections of river has been crashed by newcomers related to logging,
- Low implementation is inefficient because is based on fines, has limited resources and does not cooperate with local population,
- Local population is often forced for illegal fishing due to lack of reasonable alternative,
- Leasing system for fish resources is not adapted to the conditions of remote, local communities,

22.10.2012

Silver Taiga Foundation

17

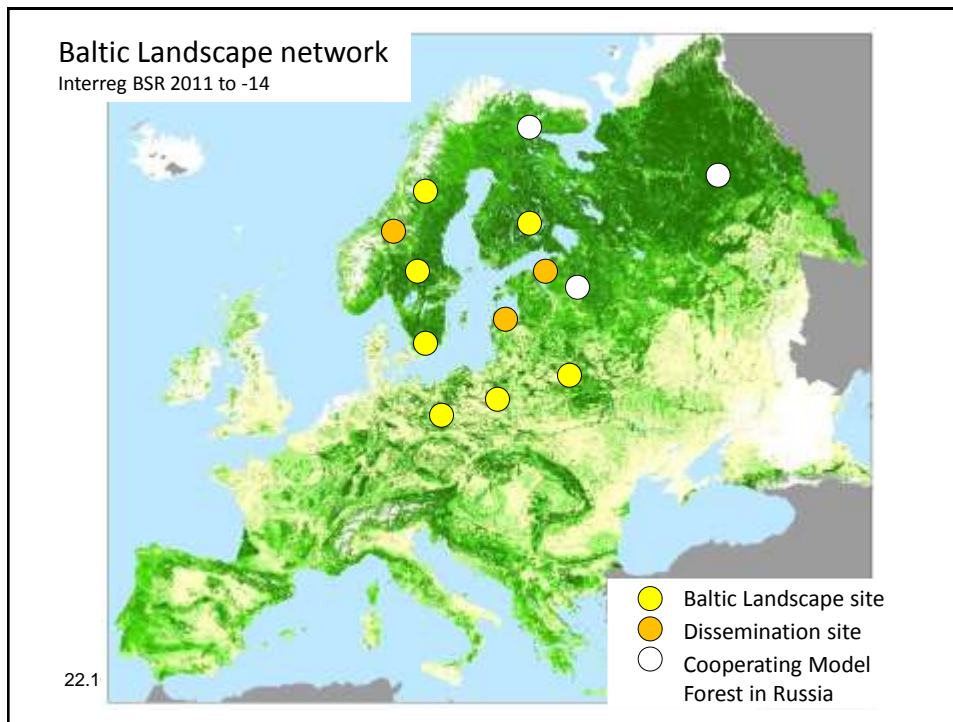
River proposals

1. **Topographic map of high quality presenting streams and related small wetlands should be developed and accessible for planning departments of logging companies, state forest service and companies servicing with planning of logging and logistic,**
2. **Monitoring of basic data on water and fish resources,**
3. **Adaptation of leasing system to remote community needs,**
4. **Consideration of local needs in river planning and management,**
5. **Neutral platform of cooperation or at least information exchange for state agencies related to river resources,**
6. **Integrated plan for the river across administrative borders,**
7. **Integrated plan for river basin management,**
8. **River governance body including local population and NGO representatives,**

22.10.2012

Silver Taiga Foundation

18



Cooperation

Main participants:

- Fish Resource Agency of the Komi Republic “KomiRybVod”
- Federal Fishery Supervision of the Komi Republic – “KomiRybNadzor”
- Representatives of local population
- Cooperative “Agroudora” operating along rivers.
- Institute of Biology RAS
- Silver Taiga Foundation

Model River approach

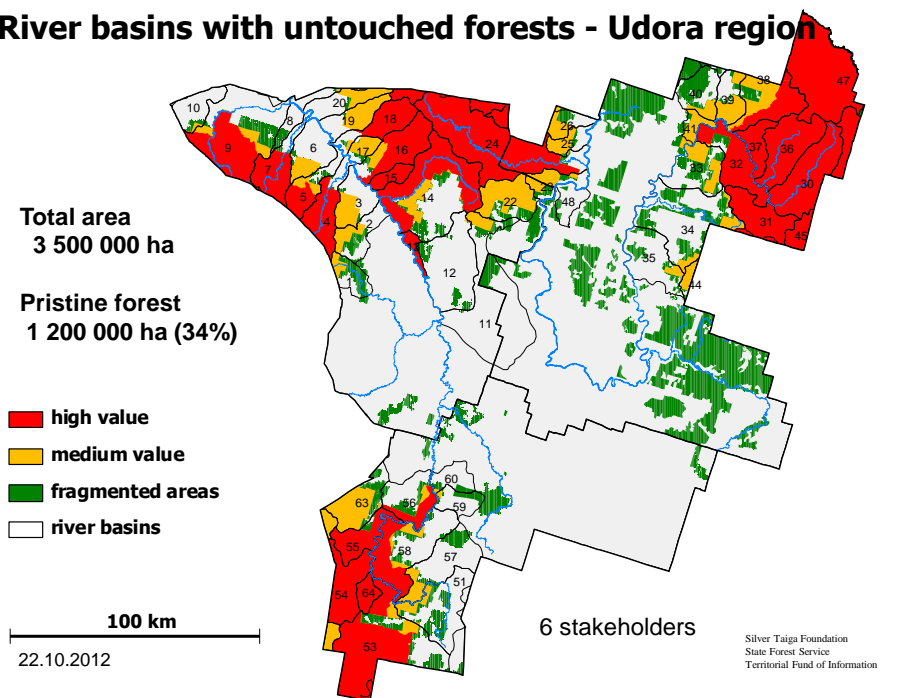
- Integration of the river stakeholder around Model River Mezen
- Involvement of local population into river management
- Support for self government development in the villages
- Promotion of consideration of traditional use of fish resources by indigenous population
- Youth of the village for sustainable approach to the river
- Initiative and support for monitoring of fish resources
- Initiative for state program on Salmon restoration in the Mezen River
- Support for local cooperative using river under tenure conditions
- Awareness building among villagers about need of sustainable management of fish resources

22.10.2012

Silver Taiga Foundation

21

River basins with untouched forests - Udora region





At the meeting with
«AgroUdora» members in
the village Polshaya Pyssa
22.10.2012



In Politovo village,
October of 2011

22.10.2012



**Поддержка охраны сёмги на реке Мезень
Семинар по опыту восстановления и управления популяцией
семги в Балтийском регионе – август 2011**



22.10.2012

Silver Taiga Foundation

25

**Методика мониторинга рыбных ресурсов – полевая
экспедиция - август 2011**



22.10.2012

Silver Taiga Foundation

26

**Методика мониторинга рыбных ресурсов – полевая
экспедиция - август 2011**



22.10.2012

Silver Taiga Foundation

27

**Tributary Nizhniaya Puzla - Нижняя Пузла
Removing illegal barriers**



22.10.2012

Silver Taiga Foundation

28

Диалог «Эффективные меры сохранения сёмги в реке Мезень»



22.10.2012

Silver Taiga Foundation

29

Thank you for your attention
Salmon nest counting – tributary Nizhniaya Puzla
www.silvertaiga.ru



22.10.2012

Silver Taiga Foundation

30