Socio-Economic Regulation of Forest Regions

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Settling and Tie up of the Territory

Peculiarities of Settling

Conditions of Internal Tie up
Transport Access Estimation

- **Low dispersed settlements**: points from center for 6-11 km
- **Compact settlements**: points from center for 2-5 km
- **High dispersed settlements**: points from center for 23 km
- **Settlements – centers**: points 2 km from center
- **Dispersed settlements**: points from center for 12-22 km
Socio-Economic Situation
Rating Estimation of Municipalities, 2006

Production Potential
Financial Sustainability
Demographical Situation
Cost of Life
Infrastructure
Social Tension
Municipalities Production Base

Employment by Production Activity

- Лесозаготовка
- Сельское хозяйство
- Деревообработка
- Сбор дикоросов

Graph showing employment by production activity across different municipalities.
Settlements with Forestry Specialization:

1992 – about 180
Zaigalova
Historic-cultural atlas of Komi

2007 – 101
According to enterprises registration

Settlements Dynamics
Forest-Economical Zones
<table>
<thead>
<tr>
<th>Indicators</th>
<th>Central</th>
<th>Middle</th>
<th>Periphery</th>
</tr>
</thead>
<tbody>
<tr>
<td>Loaded production on the whole, cubic meters</td>
<td>27603</td>
<td>1454</td>
<td>2805</td>
</tr>
<tr>
<td>Agreed Forest Area, million cubic meters</td>
<td>0,75</td>
<td>8,6</td>
<td>17,9</td>
</tr>
<tr>
<td>Logging, million cubic meters</td>
<td>0,27</td>
<td>1,87</td>
<td>5,27</td>
</tr>
<tr>
<td>Forest area use, %</td>
<td>36</td>
<td>22</td>
<td>30</td>
</tr>
<tr>
<td>Timber processing (goods)*</td>
<td>P,Pp,C,Pw,S</td>
<td>F, S</td>
<td></td>
</tr>
<tr>
<td>Production of processing, million cubic meters</td>
<td>8537</td>
<td>659</td>
<td>513</td>
</tr>
<tr>
<td>Processing volume, million cubic meters</td>
<td>4,9</td>
<td>0,25</td>
<td>0,44</td>
</tr>
<tr>
<td>Production of processing cost of 1 cubic meter, thousand RUR</td>
<td>5,5</td>
<td>2,6</td>
<td>1,16</td>
</tr>
</tbody>
</table>

Financial Income per person, thousand RUR per person

Financial Income:
- taxes,
- non taxed income,
- companies’ income after taxes,
- amortization,
- salary
Social Potential

Demography

Employment

Population Quality

Health

Income
Life Duration, years, 2007

Life Duration Dynamics
(60 years + axis)
Population Quality
Koigorodok region

*Population Employment*

Employment reduction in the region **1994-2006 up to 1.2 times** (Komi – 1.2)

Registered unemployment in the region – **6.2 %**

Griva village **12.5%**, Nizhyaya Turunjya **11.4%**, Kom **9.2%**

Among unemployment:

- **55 %** – women,
- **27 %** – youth at the age of 16-29
- **36 %** – high and primary professional education

**Unemployed economically active population – 22%**

Verifies in different settlements from **13 up to 83 %**

*More than 50 % in villages Guzh, Kom, Ust-Voktym, Verkhnyaya Turjya*

**Adaptation of Population –**

- professional education,
- Transfer of employment to nonproductive sphere (budget organizations)

**Degradation of Population** is developing for jobless generation
Large scale of «space exclusive» -
areas without conditions needed for comfort life and industry

Number of points

Population, thousand persons

20
171
319

Without a direct base

234

Without a direct base and services

677
223
82
8
Average Monthly Salary, thousand RUR per person, 2007
«Washout» of Production Base

Economical “washout” of periphery, hypertrophy of the capital
Low level of income and employment in rural settlements
Trade Reserve of Mushrooms and Berries Resources
Mushrooms and Berries Role in Population Income, Nivshera Village
# Role of Individual Agriculture, Hunting, Fishing, Gathering of Wild Plants

<table>
<thead>
<tr>
<th>Regions</th>
<th>Important for self-sufficiency %</th>
<th>Important as income resource %</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>garden</td>
<td>cattle</td>
</tr>
<tr>
<td>Udora</td>
<td>85</td>
<td>51</td>
</tr>
<tr>
<td>Koigorodok</td>
<td>83</td>
<td>52</td>
</tr>
<tr>
<td>Sysola</td>
<td>89</td>
<td>62</td>
</tr>
<tr>
<td>Syktyvdin</td>
<td>79</td>
<td>32</td>
</tr>
<tr>
<td>Troitsko-Pechorsk</td>
<td>85</td>
<td>29</td>
</tr>
<tr>
<td>Ust-Kulom</td>
<td>87</td>
<td>62</td>
</tr>
</tbody>
</table>
### Dynamics of Material Well Being and Migration

<table>
<thead>
<tr>
<th>Region</th>
<th>«Will be any changes of well being for 5 years?»</th>
<th>«Will it be better in the future 5 years?»</th>
<th>«Are you going to change the place of living?»</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Improved</td>
<td>No changes</td>
<td>Got worse</td>
</tr>
<tr>
<td>Udora</td>
<td>39</td>
<td>48</td>
<td>13</td>
</tr>
<tr>
<td>Koigorodok</td>
<td>42</td>
<td>50</td>
<td>8</td>
</tr>
<tr>
<td>Sysola</td>
<td>26</td>
<td>49</td>
<td>25</td>
</tr>
<tr>
<td>Syktyvdin</td>
<td>50</td>
<td>42</td>
<td>8</td>
</tr>
<tr>
<td>Ust-Kulom</td>
<td>47</td>
<td>35</td>
<td>18</td>
</tr>
</tbody>
</table>
To Strengthen the Space
To gripe the settling system: close and resettle

To Unite the Space
to make development conditions equal

Infrastructure
- restore forest roads;
- energy: gas, local energy systems, reliability of transmission facilities;
- social services.

Network organization of production
- forestry,
- agriculture.
Modernization of Space

*Restore the production base*

- decentralization and oriented on inner demand diversification of forestry sector,
- new business,
- local staff.

*Replace industrial base of economy*

- fishery (aqua sector),
- «economy of feelings» (cultural-recreational),
- mushrooms and berries economy,
- revitalization of traditional life support.

*Innovationaly polarize*
Cultural-Recreational Complex, Udora Region

Ethno-cultural center
«Old Vazhgort»
Krivoe village, Vydviz village

Holiday cycles,
pilgrimage,
Historical expositions,
Souvenirs

Ethnic village
Patrakovo
Ethno expositions,
workshops,
Traditional holidays,
Souvenirs

Recreational-Tourism zone
Ship thicket
Fishing,
Hunting,
Mushrooms and berries

Recreation-tourism zone
Chetparskii Stone
Fishing
Hunting
Mushrooms and berries

Complex Cultural-recreational center
Ioanikieva cell
pilgrimage
Rest on the lake

Complex Cultural-Recreational zone
Glotova-Iirva
Expositions
Fishing
Hunting
Mushrooms and berries

Cultural-Cultural--Recreational Complex, Recreational Complex, Udora Region
## Settlements
### Udora Region

<table>
<thead>
<tr>
<th>Types of Settlements</th>
<th>Development recommendations</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>High development potential</strong></td>
<td></td>
</tr>
<tr>
<td>Region Centers—forest settlements</td>
<td>Development of wood, mushrooms and berries, agricultural processing, production of building materials</td>
</tr>
<tr>
<td><strong>Middle development potential</strong></td>
<td></td>
</tr>
<tr>
<td>Settlements Centers</td>
<td>Development of regional forestry base</td>
</tr>
<tr>
<td></td>
<td>Development of agricultural marketability</td>
</tr>
<tr>
<td></td>
<td>Creation of cultural-recreational centers of different profile</td>
</tr>
<tr>
<td><strong>Low development potential</strong></td>
<td></td>
</tr>
<tr>
<td>Close periphery</td>
<td>Development of agricultural marketability</td>
</tr>
<tr>
<td></td>
<td>Conservation of important villages</td>
</tr>
<tr>
<td></td>
<td>Development of cultural-recreational services</td>
</tr>
<tr>
<td><strong>Very low development potential</strong></td>
<td></td>
</tr>
<tr>
<td>Far away periphery</td>
<td>Tourism mushrooms and berries business</td>
</tr>
<tr>
<td></td>
<td>Consolidation of settling system</td>
</tr>
</tbody>
</table>
Strengthening of Financial Potential

**Income Increase**

Municipal Economy Modernization
- Resource diversification
- Stratification
- Efficiency Increase

**Territorization of Income**

Local Economy
- Processing decentralization of forestry,
- Development of independent managing subjects,
- Tax «binding»,
- Correction of corporate benefit distribution
Thank you for Your Attention