

**State Agency for Environment Protection and Forestry  
under the Government of the Kyrgyz Republic**

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**Financing for Sustainable  
Forest Management in the  
Kyrgyz Republic**

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# **State Agency for Environment Protection and Forestry under the Government of the Kyrgyz Republic**

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## **Presentation Outline:**

- 1. General information on the Kyrgyz Republic**
- 2. Forest Resources**
- 3. National Forest policy**
- 4. Main forest interventions data**
- 5. State budget funding of the forest sector**
- 6. Resource mobilization**
- 7. Republic fund of environment Protection and forestry development**
- 8. Forest finance flux**



## The Kyrgyz Republic (Kyrgyzstan)



- Total area - 199,900 km<sup>2</sup>.
- More than half of Kyrgyzstan lies at an elevation higher than 2,500 m.
- Glaciers and snowfields cover 4% of the national territory.
- Gross hydropower capacity is 15,500 thousand kW.
- Population is 5,368,000 people of 80 ethnic groups. 65% is rural and 35% - urban.
- GDP - 4,591.5 million USD.

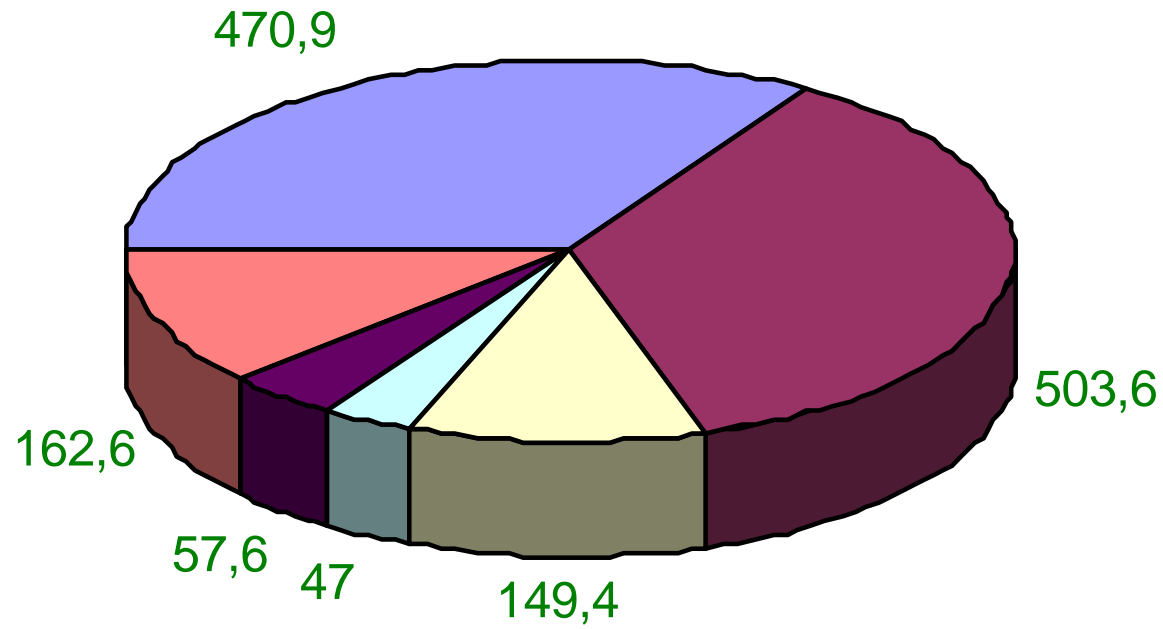
# Forest Resources

- Forest lands (State Forest Fund; SFF) - 3,279.3 thousand ha (16 % of the national territory)
- Forest cover - 863.6 thousand ha, (4.32 %)
- Non-forest lands - 2,147.7 thousand ha.
  - Forest pastures - 1,130.5 thousand ha
  - Arable lands - 9 thousand ha of arable lands
  - Hayfields - 14.8 thousand ha
  - Orchards and gardens - 1.2 thousand ha
  - Farmstead - 4.5 thousand ha
  - Another part of these non-forest lands includes 3.2 thousand ha of bogs and marshes, 2.4 thousand ha of sands, 24.6 thousand ha of glaciers, 2.7 thousand ha of roads, 39.01 thousand ha of waters and 915.8 thousand ha of other land types.
- As per recent remote sensing data (GIS ) forest-covered area is 1,116.1 thousand ha or 5.62% of KR
- 59 % of it is within the limits of the SFF; 22 % - with municipalities; 19% - on the state land reserve.



# Forest Resources

Forest Formations, thousand ha



■ Shrubs ■ Juniper ■ Spruce, Fir ■ Walnut ■ Pistachio ■ Other broad-leaved

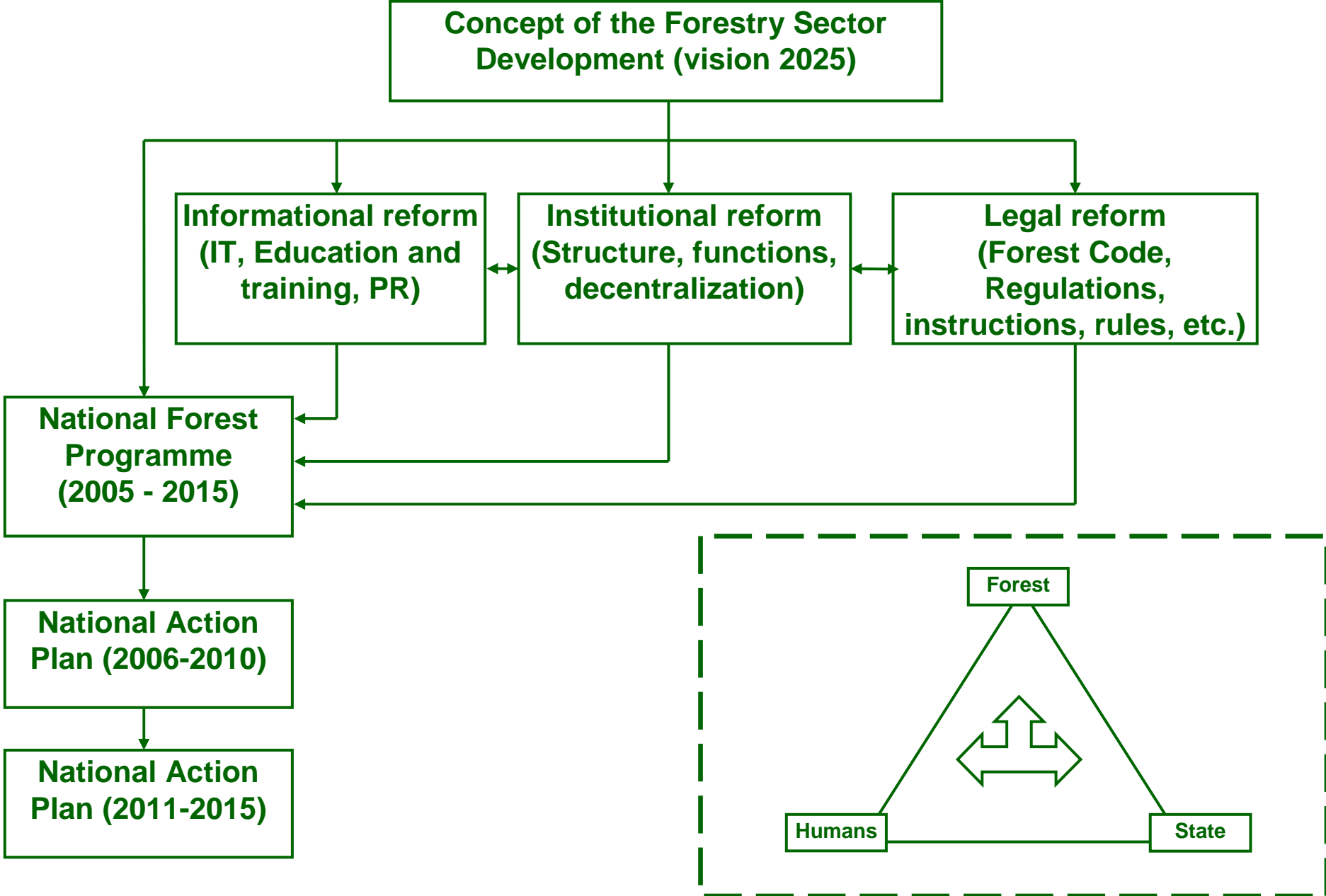
# Forest Resources

Species	1000 m <sup>3</sup>	% of the stock
Spruce	15 333	53.2
Pine	335	1.2
Walnut	2 817	9.8
Birch	344	1.2
Maple	1 218	4.2
Elm	276	1
Poplar	772	2.7
Fruit	600	2.1
Other	7 145	24.8
Total	28 840	100

**Wood stock annual growth – 644,000 m<sup>3</sup>**

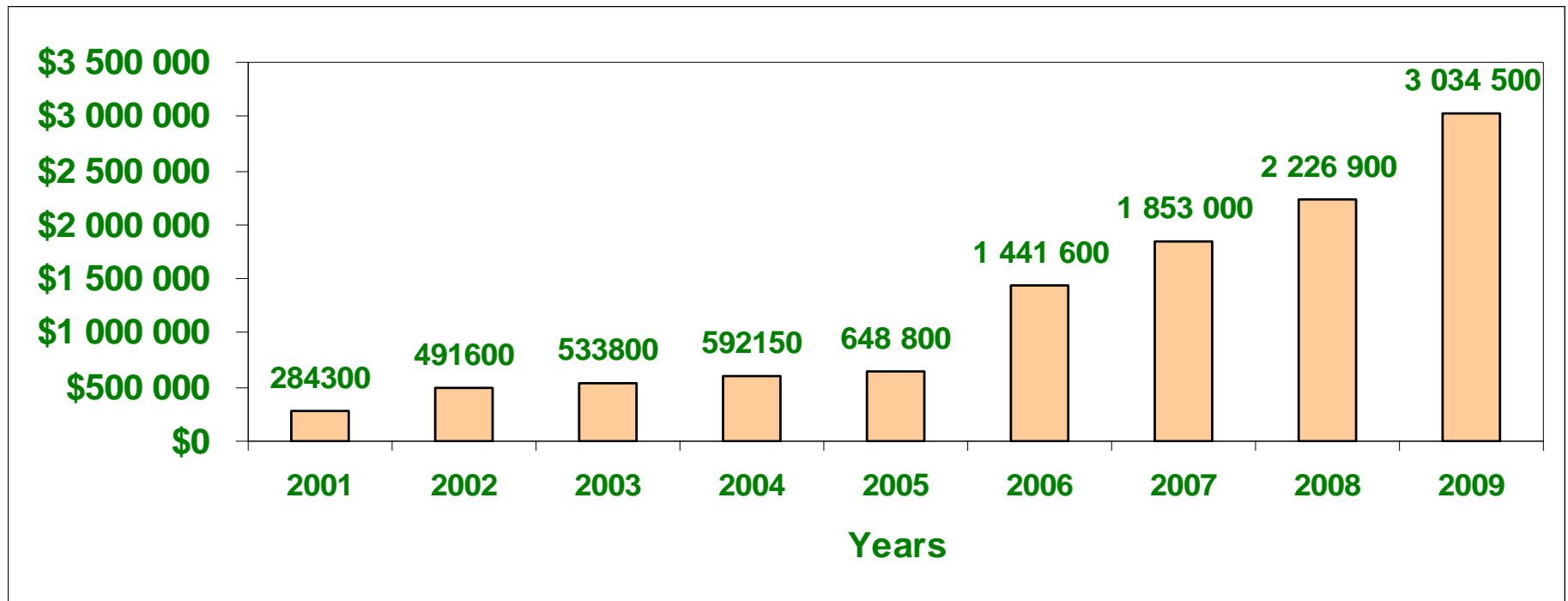


# National Forest Policy



# State Budget funding

Allocated budget funds, thousand USD	2001	2002	2003	2004	2005	2006	2007	2008	2009
	284.3	491.6	533.8	592.15	648.8	1 441.6	1 853	2 226.9	3 034.5



- Staff remuneration; insurance (dues to the Social Fund) – 88%
- Trips, communal services, transport, and maintenance of infrastructure – 12%



## Special means: self generated funds

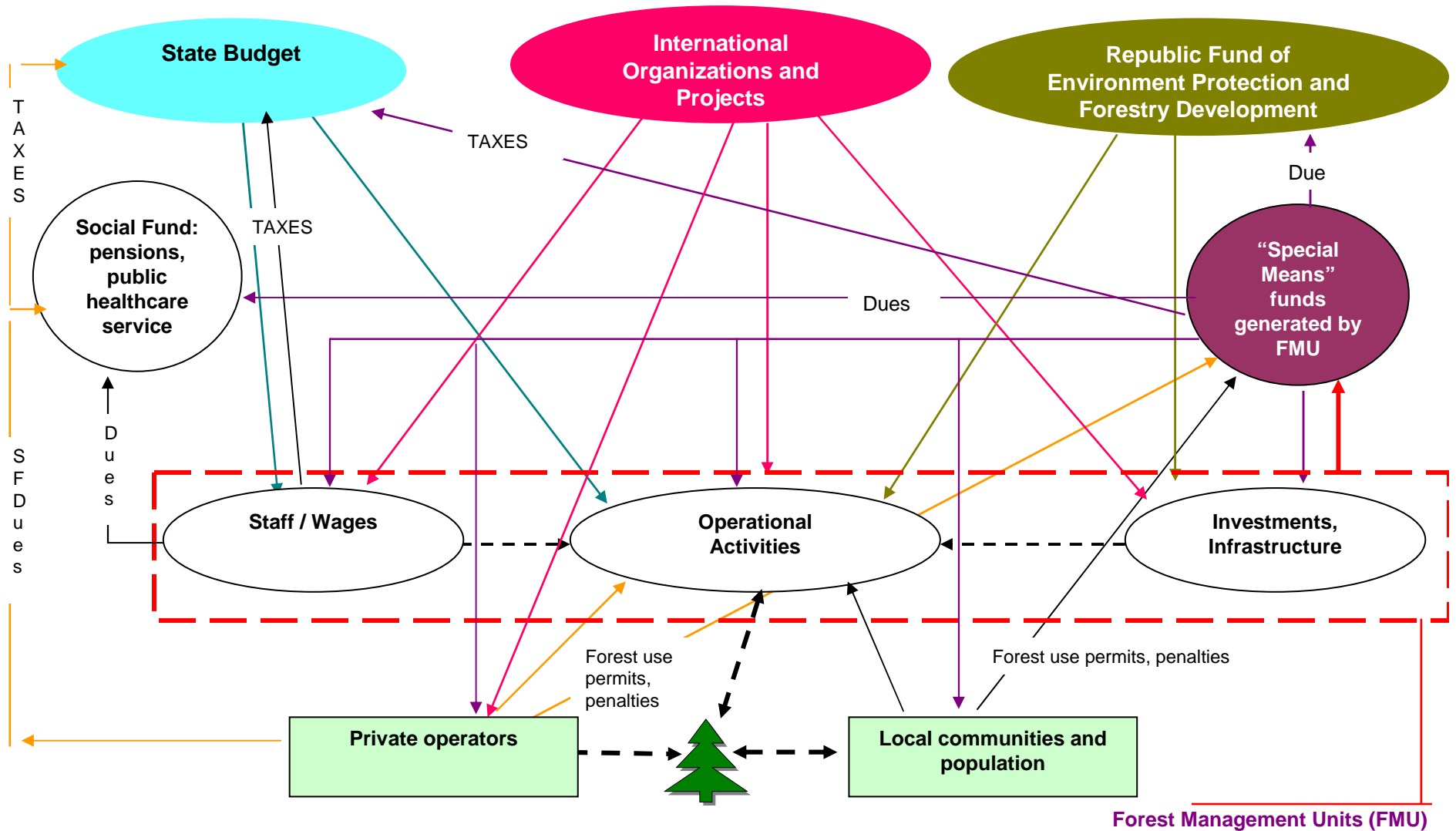
“special means” : (a) timber sales, (b) collect harvesting residues, (c) leasing forest plots (pastures, recreation), (d) permits to collect NTFPs, (e) penalties on illegal activities. This source funds all expenses: reforestation, nurseries, additional labour required, communal services, transport costs

	2001	2002	2003	2004	2005	2006	2007	2008	2009
<b>Income, thousand USD</b>	734	827	757	1 019	1 237	1 434	1 668	1 716	1 601
<b>Expenses, thousand USD</b>	424	603	848	952	1 043	1 320	1 732	1 659	1 717
<b>Balance, thousand USD</b>	234	234	-91	67	194	114	-64	57	-116
<b>Exchange rate</b>	47.72	48.45	46.94	42.67	41.01	40.16	37.31	36.57	42.89

# Republic Environment Protection and Forestry Development Fund

	Income				
	2005	2006	2007	2008	2009
Local branches	19 341.90	22 108.70	31 347.50	41 304.90	48 546.20
Republic Fund	5 555.30	19 773.90	27 102.00	32 976.10	38 132.30
<b>Total income, thousand KGS</b>	<b>24 897.20</b>	<b>41 882.60</b>	<b>58 449.50</b>	<b>74 281.00</b>	<b>86 678.50</b>
<b>Total income, thousand USD</b>	<b>607.10</b>	<b>1 042.89</b>	<b>1 556.59</b>	<b>2 031.20</b>	<b>2 020.94</b>
<b>Exchange rate 1 USD=</b>	<b>41.01</b>	<b>40.16</b>	<b>37.31</b>	<b>36.57</b>	<b>42.89</b>
Expenditures					
Local branches	19 341.90	22 250.30	30 887.10	40 290.80	46 659.60
Republic Fund	5 555.30	13 961.40	26 475.60	25 540.00	40 554.40
Funding of nature protection activities	10 867.70	19 525.60	36 204.60	47 941.20	69 290.70
<b>Total expenditures (thousand KGS)</b>	<b>24 774.70</b>	<b>36 211.70</b>	<b>57 362.70</b>	<b>65 830.80</b>	<b>87 214.00</b>
<b>Total expenditures, thousand USD</b>	<b>604.11</b>	<b>901.68</b>	<b>1 536.46</b>	<b>1 800.13</b>	<b>2 033.43</b>

# Financial flow



→ Finance flux

- - - -> Forest Management Activities

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**Thank you!**