

Storm damages to forests in Slovakia from 19th November 2004

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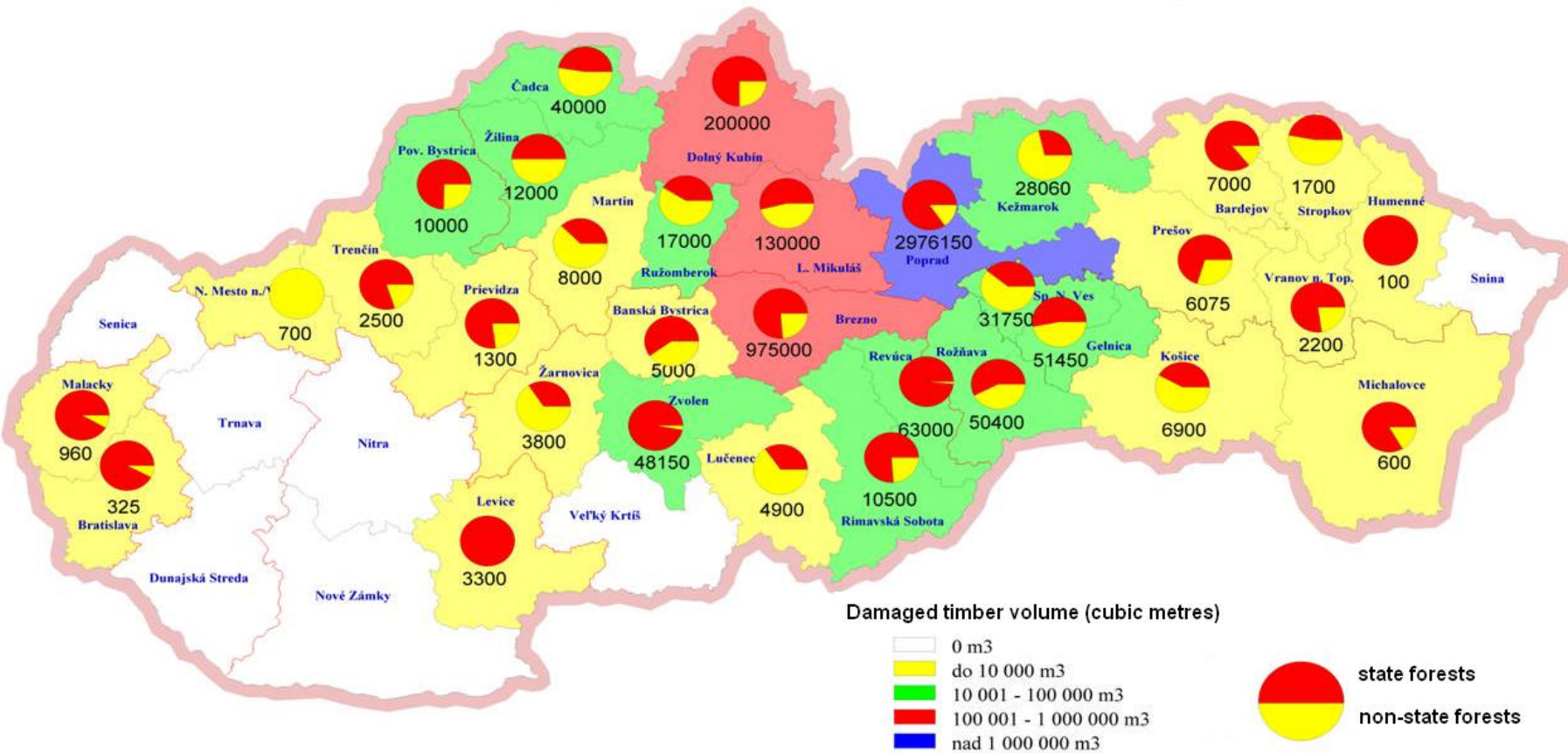
Ministry of Agriculture of the Slovak Republic
Forestry Section



Basic information on the storm

- Date: 19/11/2004
- Time (duration): 3,00 p. m. – 8,00 p. m. (5 hours)
- Maximum wind speed: 200 km/hour
- Total damaged area of forest land: 330 000 hectares
- Total volume of damaged timber: 5.400.000 m³
(total annual felling in Slovakia in 2003: 6.652.000 m³)
- Most damaged area: Tatra National Park
(TANAP)

Storm damages to forests in Slovakia by state forest districts

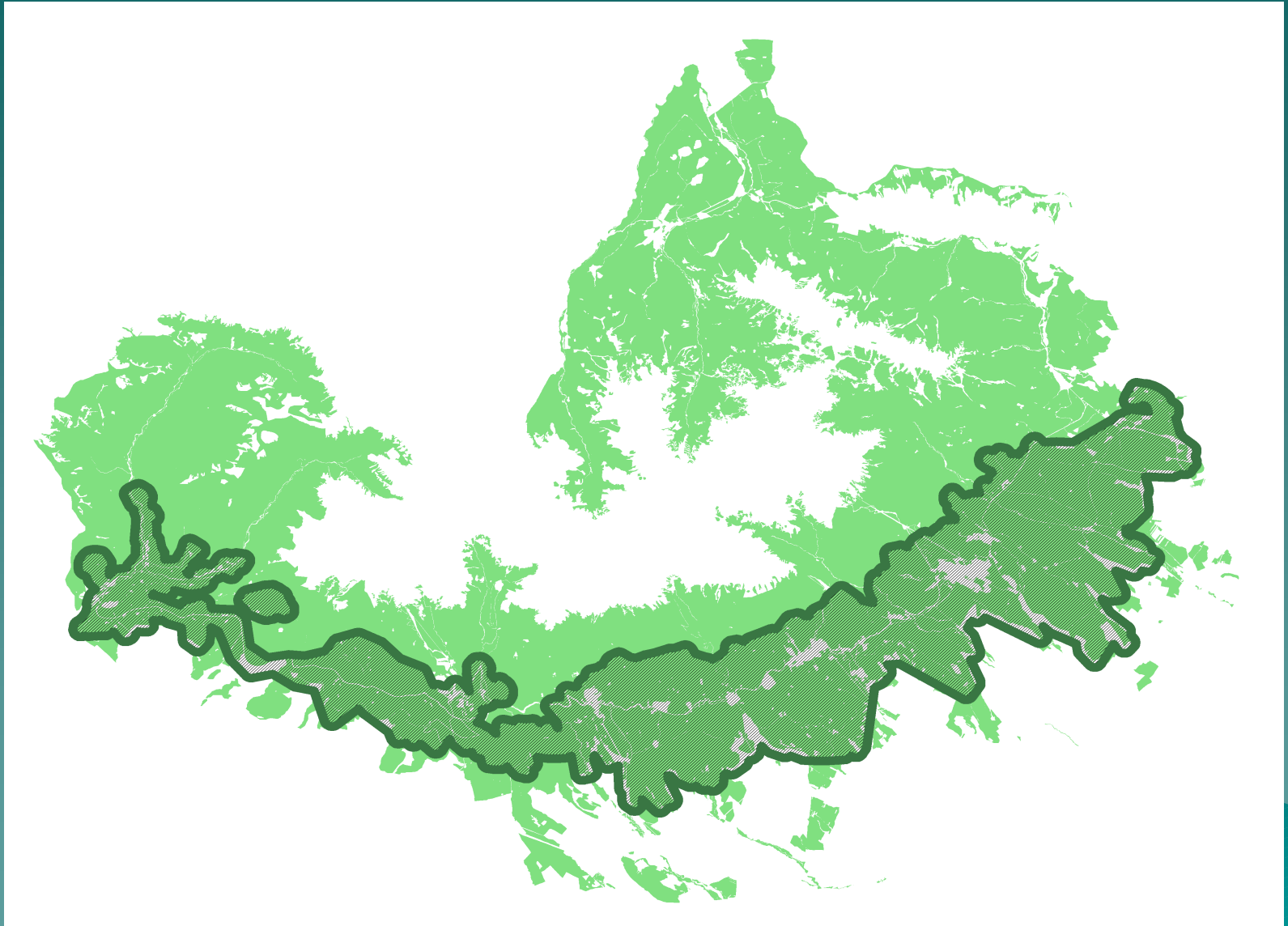


Source: Lesoprojekt Zvolen

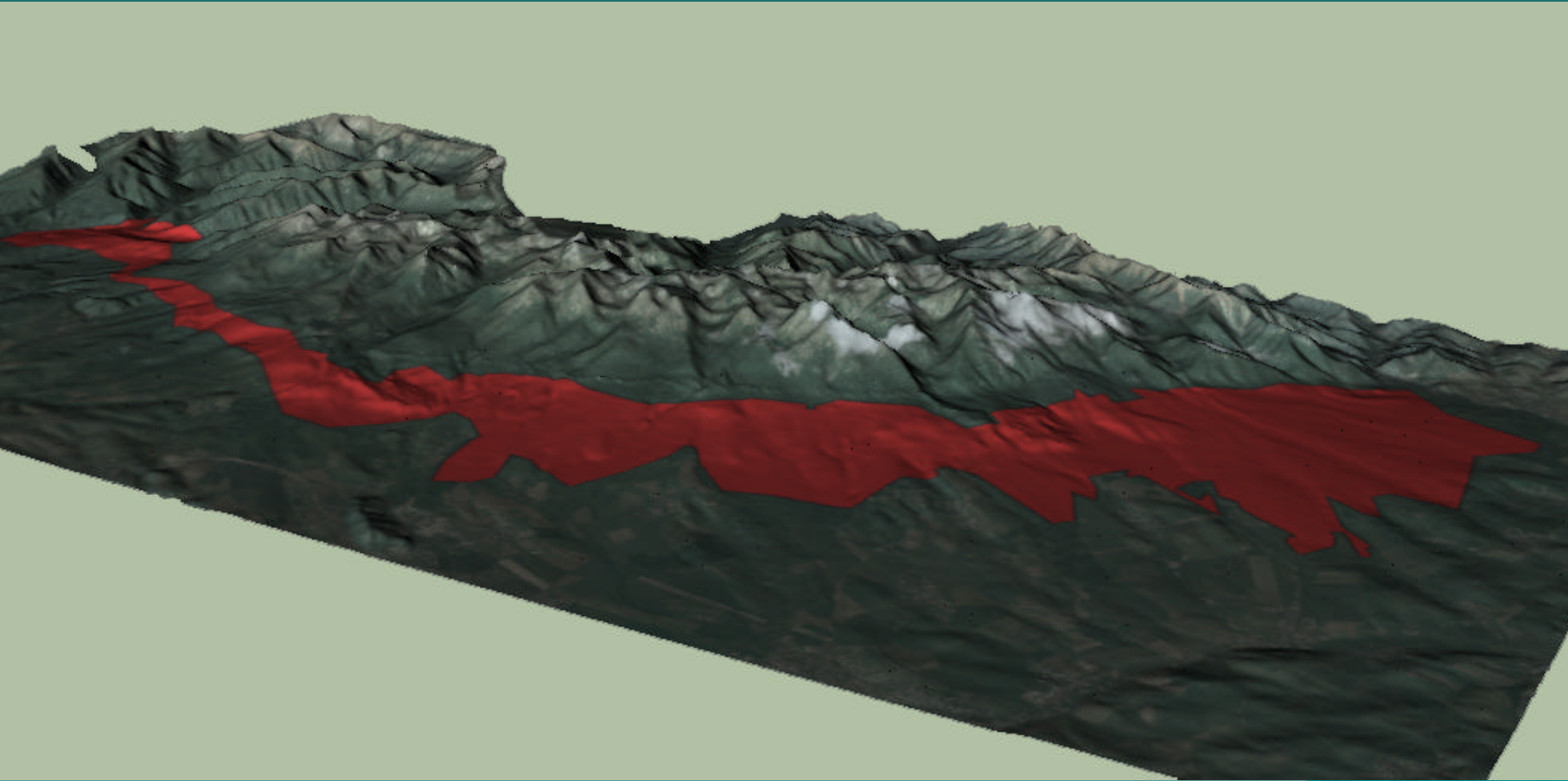
Storm damages in the area of the Tatra National Park (TANAP)

- Damaged area of forest land: 12 600 hectares
- Volume of damaged timber: 2.442.000 m³
 - of which: on continuous area 2.190.000 m³ (90 %)
 - scattered 252.000 m³ (10 %)
 - of which: broken trees 1.009.000 m³ (41 %)
 - wind thrown trees 1.433.000 m³ (59 %)

Damaged area of the TANAP



Panoramic view of damaged area of the TANAP (red colour)



Source: Lesoprojekt Zvolen

Storm damages in the TANAP by nature conservation levels

- Level 5 **927.347 m³** **(38 %)**
(highest level of nature conservation: original ecosystems not affected by human activity)
- Level 4 **2.320 m³** **(0,1 %)**
(e.g. bio corridors elements, bio centres of local or regional importance)
- Level 3 **1.512.419 m³** **(61,9 %)**
(e.g. area of national parks)

Levels 1 and 2 are not represented in the area of the TANAP



Photo: State Forests of the TANAP



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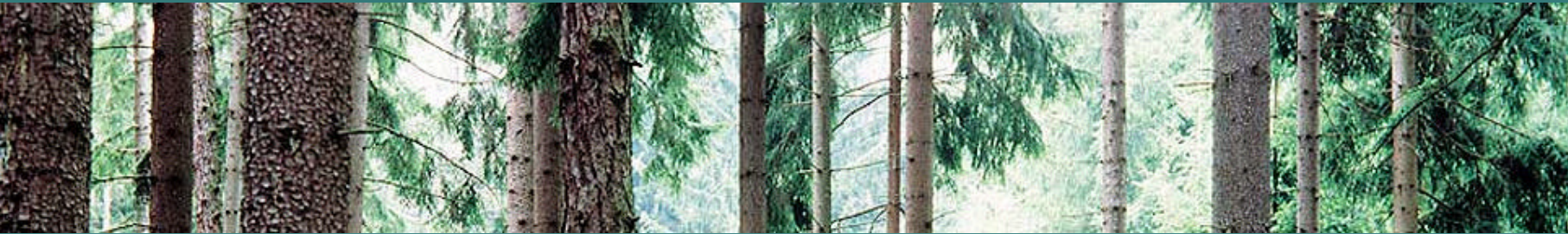


Photo: State forests of the TANAP

Measures taken by the Ministry of Agriculture of the Slovak Republic to solve consequences of the storm

- ensure mechanisms to control felled and transported timber in damaged areas by state forest administration,
- ensure a control mechanism of post-felling arrangement of felled areas (e.g. soil protection, preparation for afforestation) by state forest administration
- prepare the complete schedule of revitalisation of damaged areas (in terms of ecological, economic, environmental aspects) => **cross sectoral approach needed**
- prepare the draft of forest management plans' revision in hit territory

Thank you for your attention



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