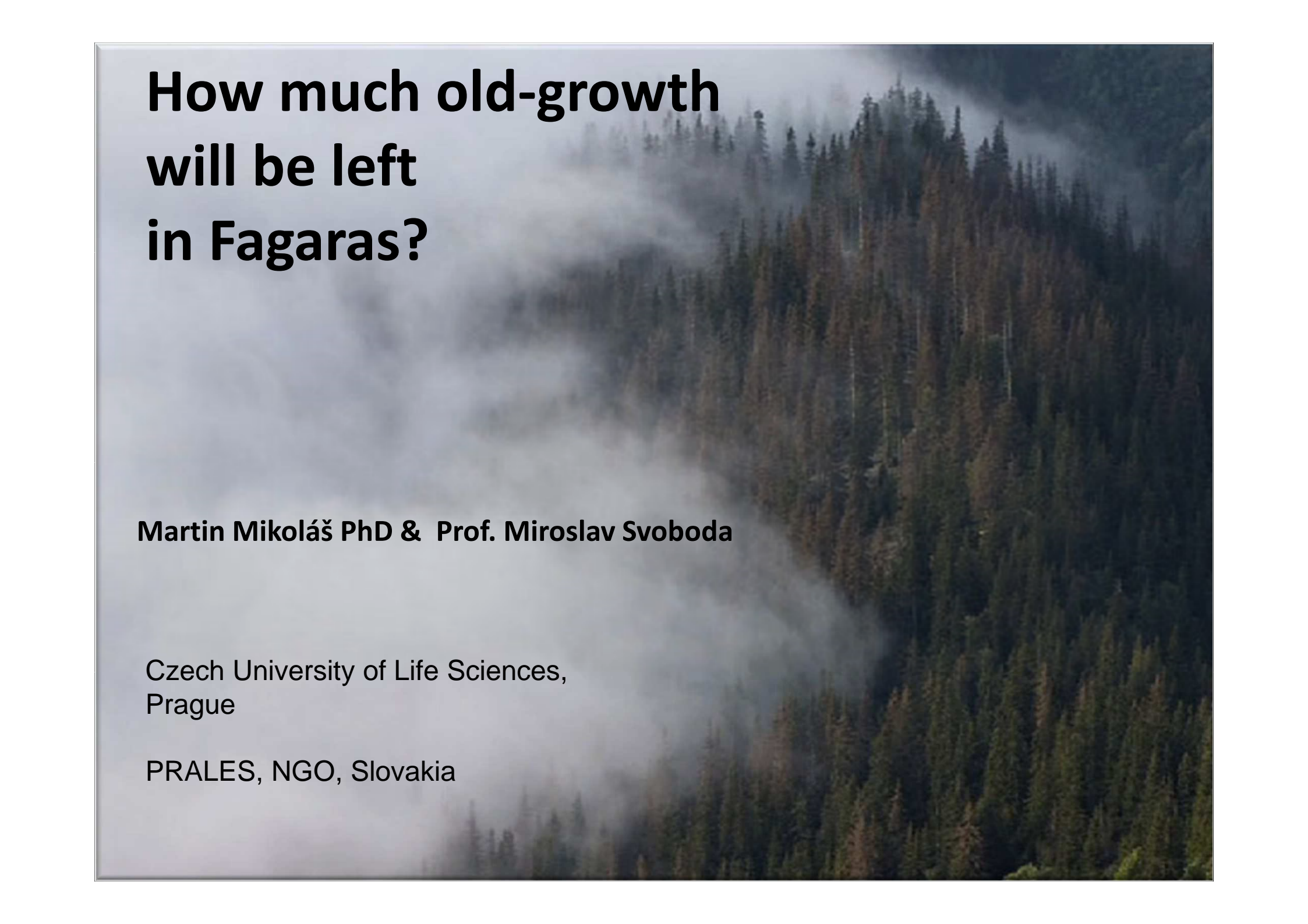


How much old-growth will be left in Fagaras?



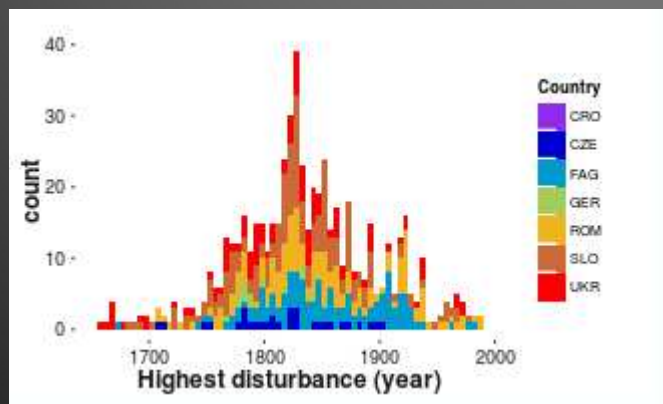
Martin Mikoláš PhD & Prof. Miroslav Svoboda

Czech University of Life Sciences,
Prague

PRALES, NGO, Slovakia

Largest european old-growth forest research

- data contain ca. 900 plots in 9 countries
- more than 50,000 tree measurements
- approximately 20,000 tree cores.
- established plots cover wide altitudinal range and geographical regions.



FAGARAS

Among all studied localities, FAGARAS with ca 7000 ha of old-growth forest represents the largest complex of best quality mountain old-growth forest in European Union

Several old-growth forests of outstanding value for whole Europe have been identified, that are currently endangered by logging.

Flagship example

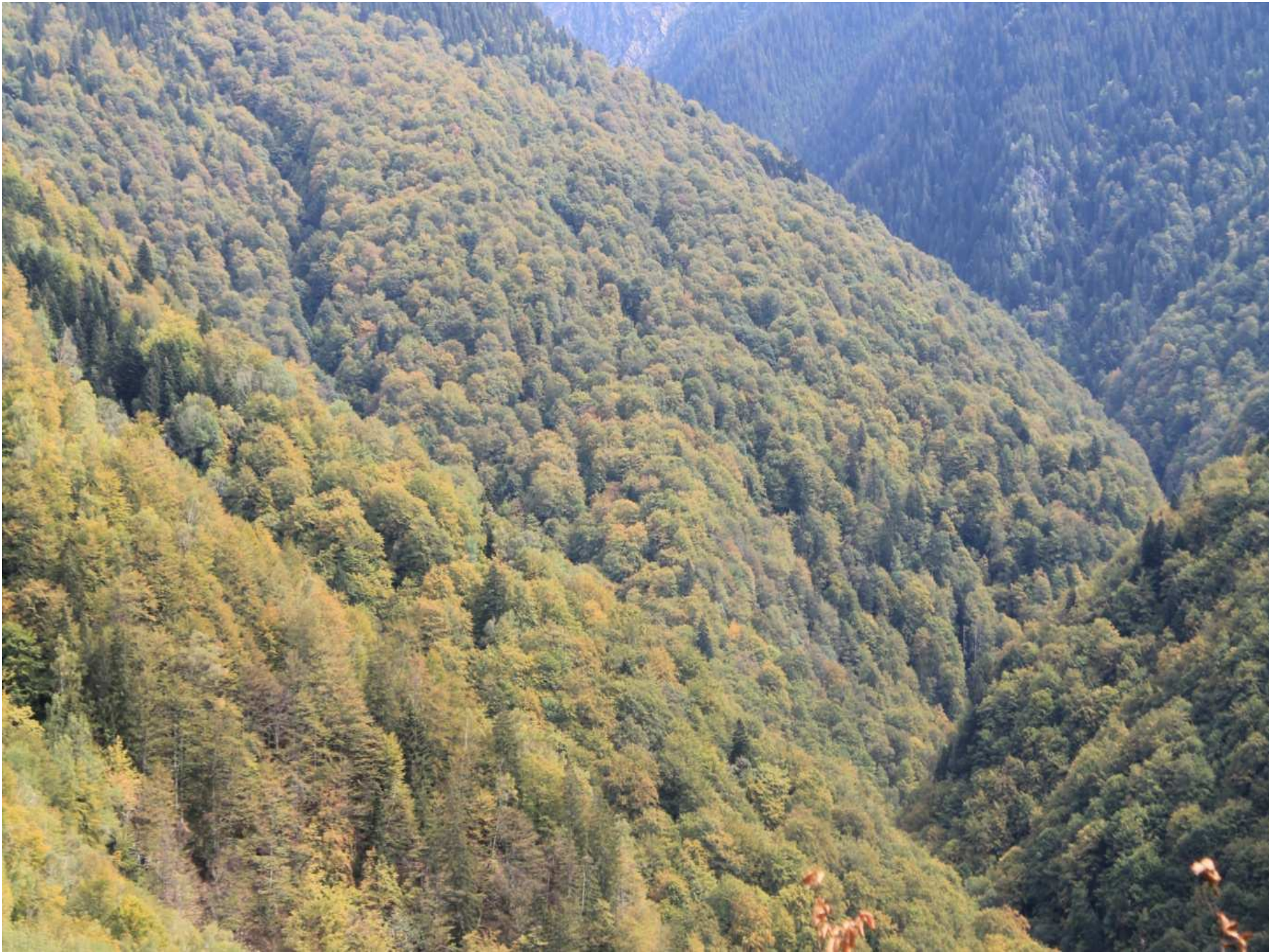
Boia Mica valley

- 8 km long valley without any road or path
- intact, old-growth forest area more than 800 ha,
- high diversity and complexity of this primary forest area comprising of 6 different forest types



Unique gradient of 6 different forest types :

- hornbeam dominated forest
- beech mixed with maple tree and elm
- mixed beech fir spruce forest
- spruce-fir forests
- spruce dominated forests
- natural timber line formed by pinus mugo.

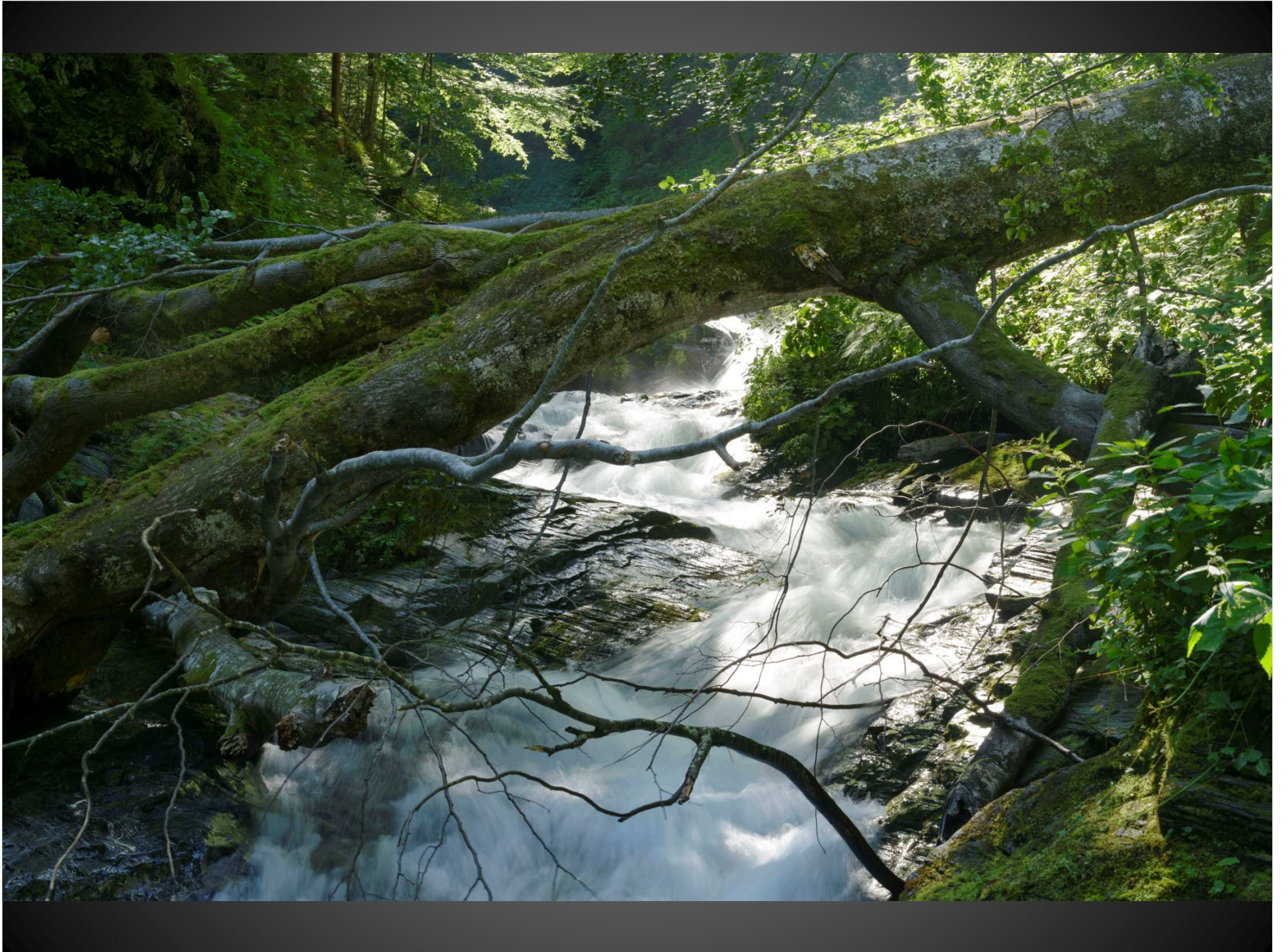








beech trees older
than 500 years



**First logging in Boia Mica!!!
2016**



Building of new road is planned and needs to be stopped!!!



Slide 13

M1

Martin, 21/09/2016

Many old-growth forest in Fagaras are currently
endangered by logging

Arpaselu –the oldest spruce forest in Fagaras



Logging in Arpaselu



Logging in Ucea Mare old-growth forest





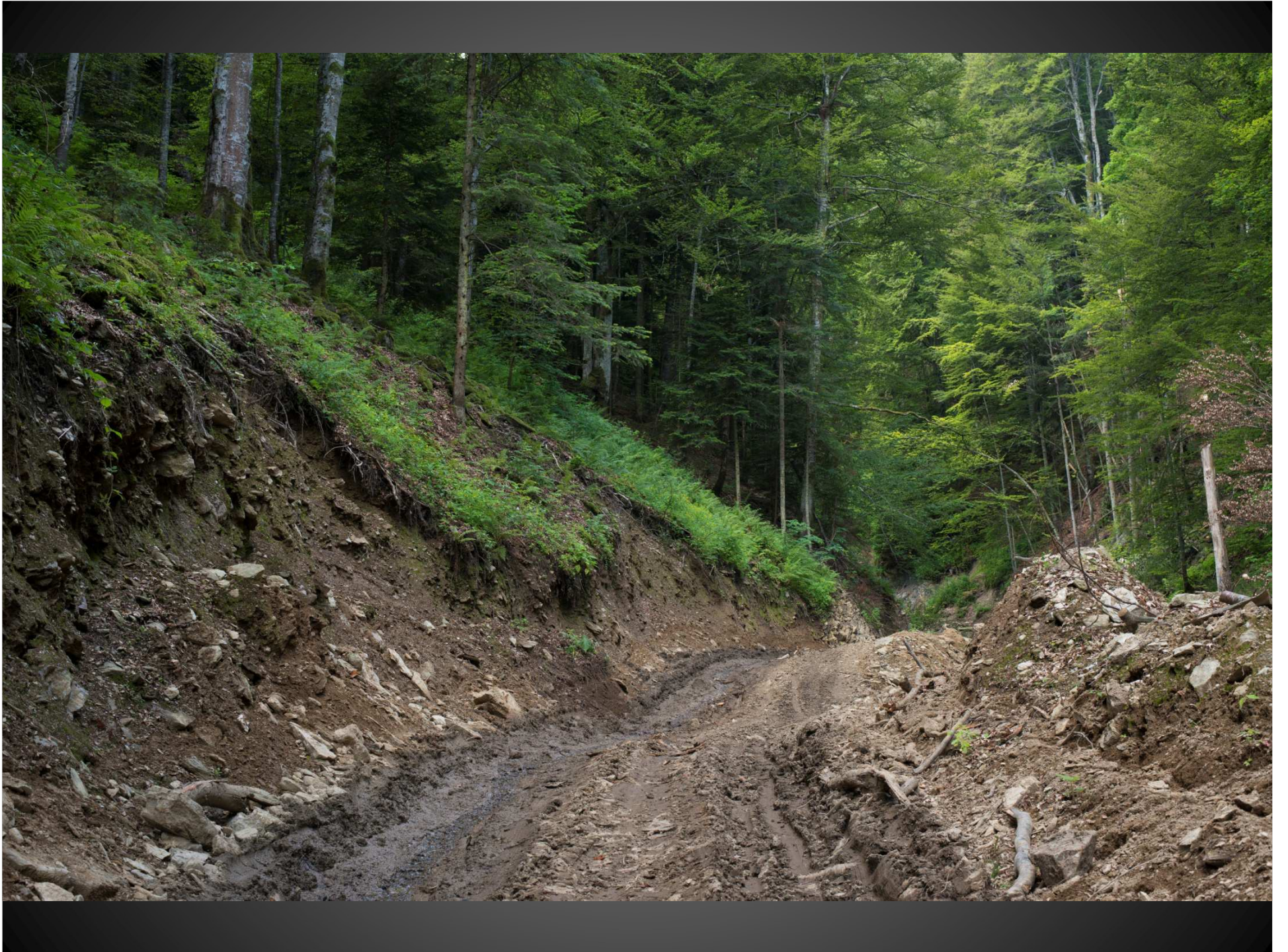




Logging in Strambei valley







Logging of old-growth in the „buffer zone“ of proposed UNESCO site Sinca forest







We need to find the right strategy, how to preserve these extremely valuable areas.

How much time do we have?