

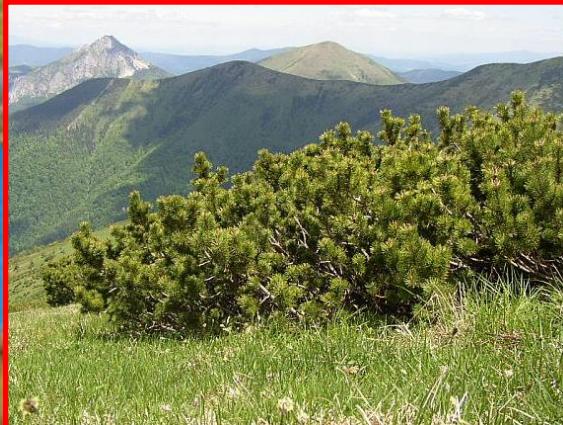
# **A hundred times nothing killed the donkey**

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(srezina@krnap.cz)**



The Krkonoše Mts NP protects the highest mountains of the Czech Republic. They rise up to 200-300 m above the timber-line.



Due to their geographical position they make home for plants both from Northern and Southern Europe

**Large part of the NP is covered by traditionally managed mountain meadows.**

- 27 phytosociological types of the meadows in the Krkonoše Mts.
- Subalpine species together with other species





\*Species-rich *Nardus* grasslands,  
on siliceous substrates in mountain areas



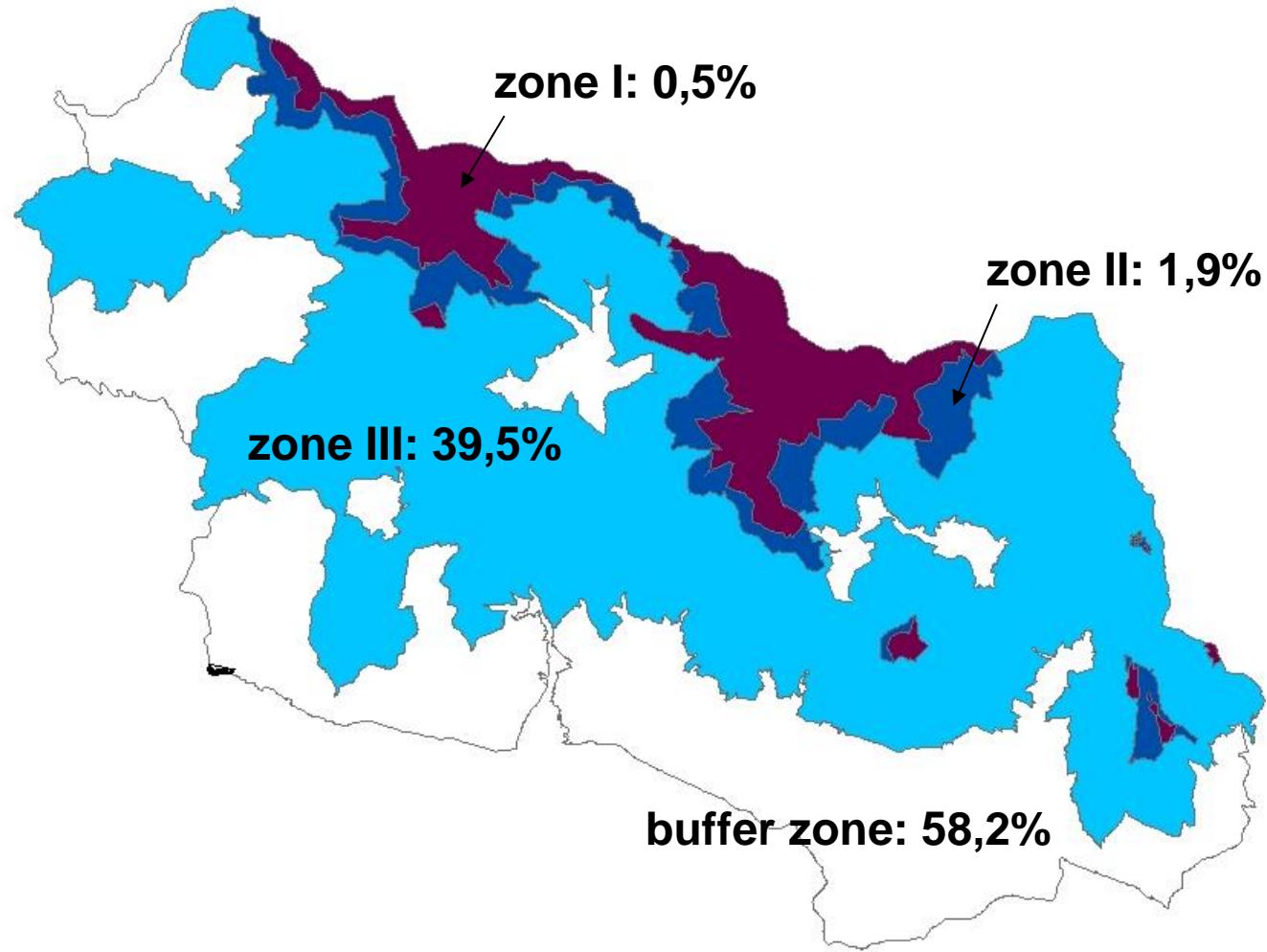
Mountain hay meadows

In total there is about  
10 000 ha of the  
meadows in the NP.



Lowland hay meadows

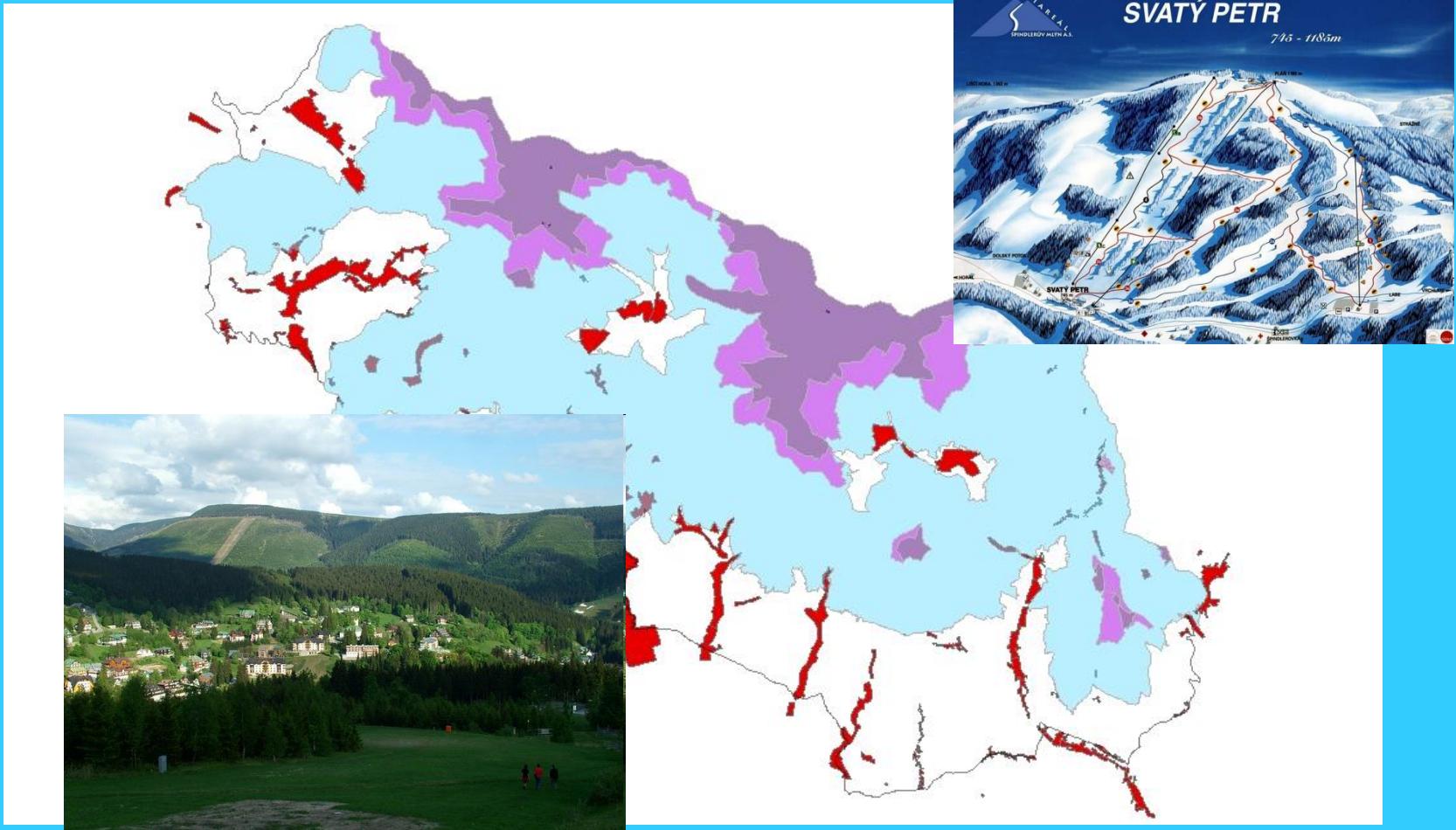
**Most of the meadows are located in the peripheral zones of the National Park.**





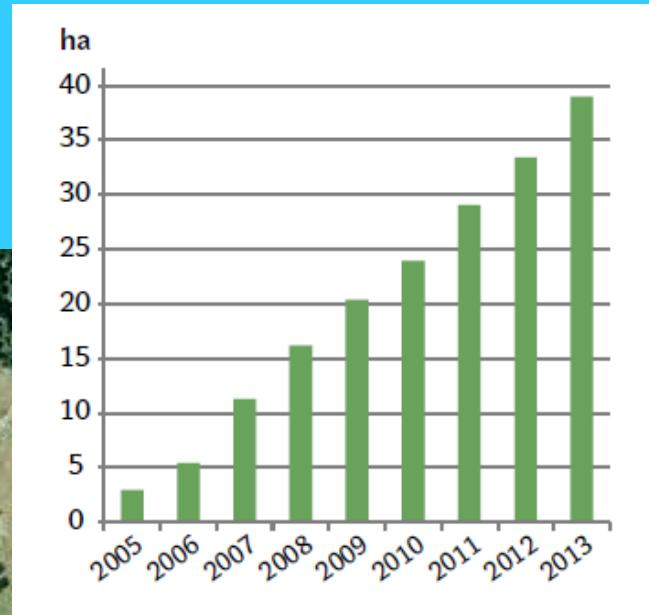
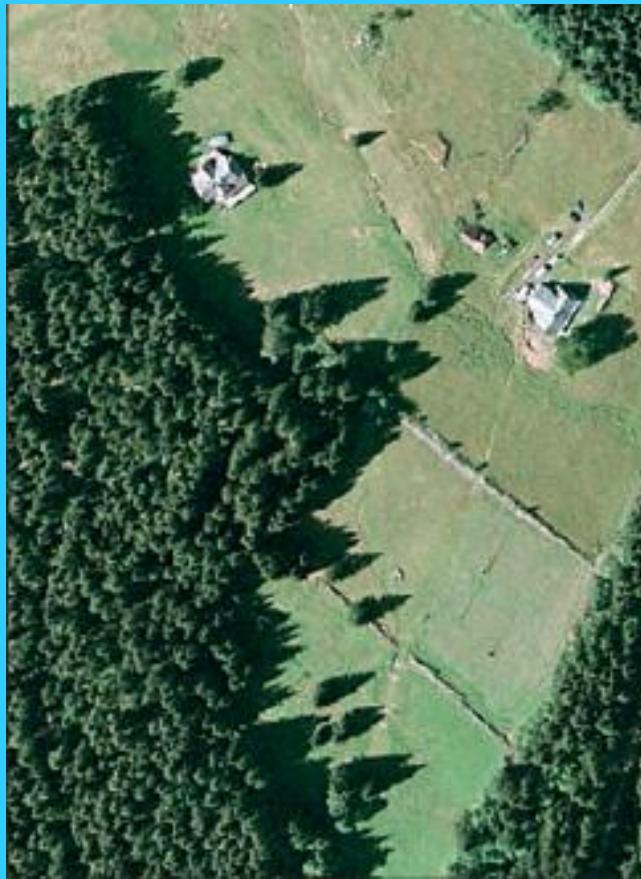
The most valuable meadows are usually very near to places where people live.

**The area of NP is attractive for tourists (5-8 mills of visitors / year)...**

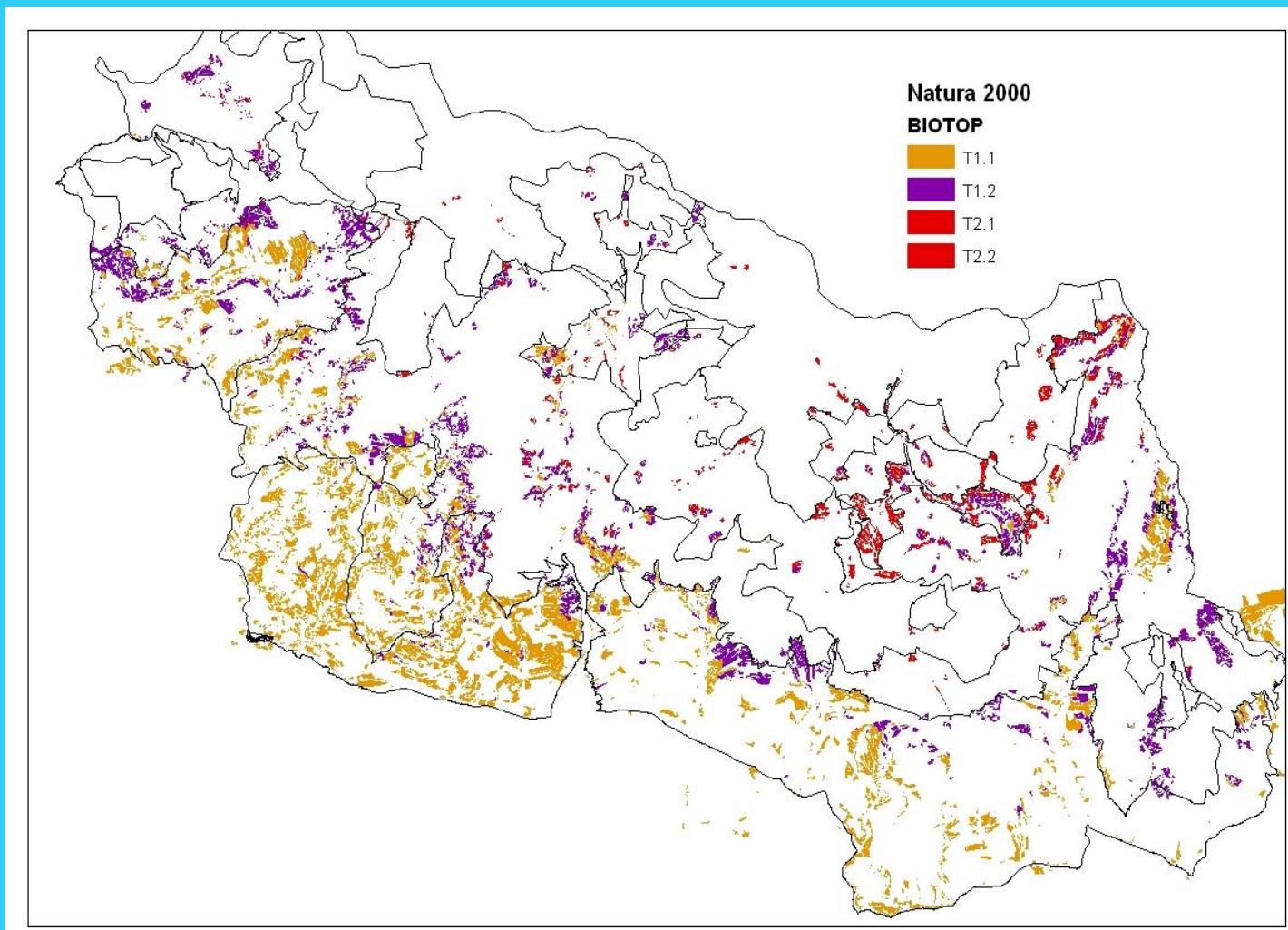


**and supporting infrastructure is often concentrated into the peripheral zones of NP...**

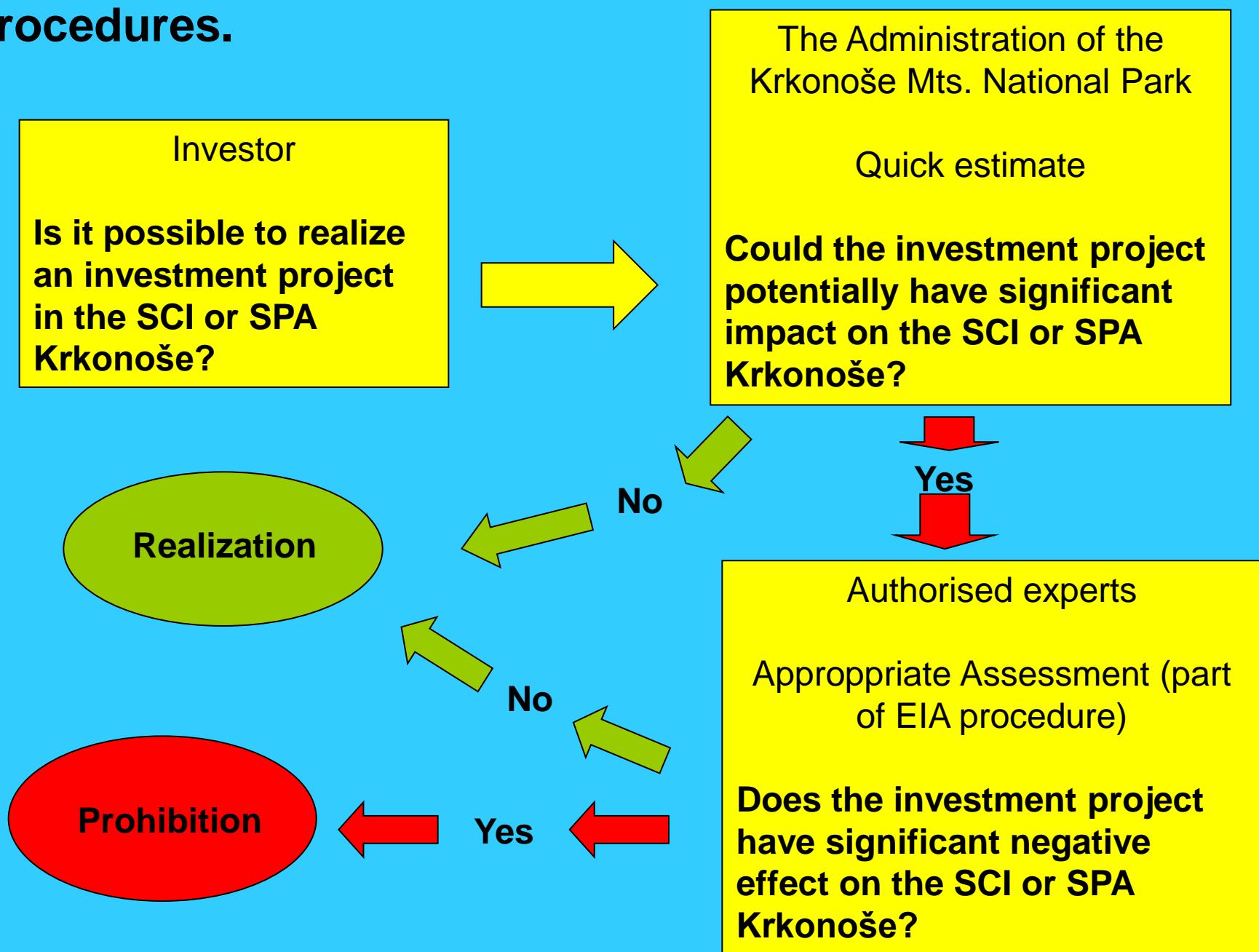
**...usually into the most valuable meadow vegetation.**



**This trend continued despite designation of Krkonoše SCI in 2004...**



# ...and despite functional Appropriate Assessment procedures.



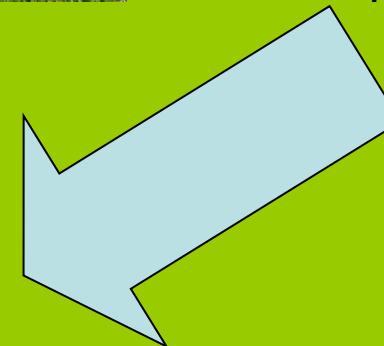
**This is mainly because of small relative area of individual projects...**

Most often they are not golf greens with profound size...

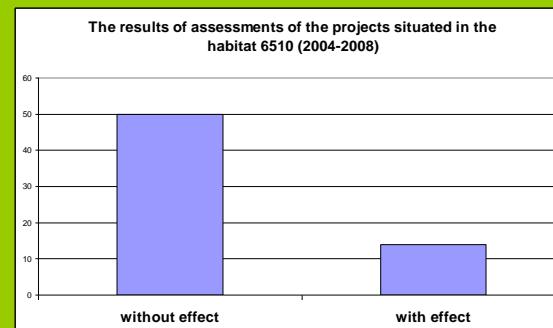


BUT

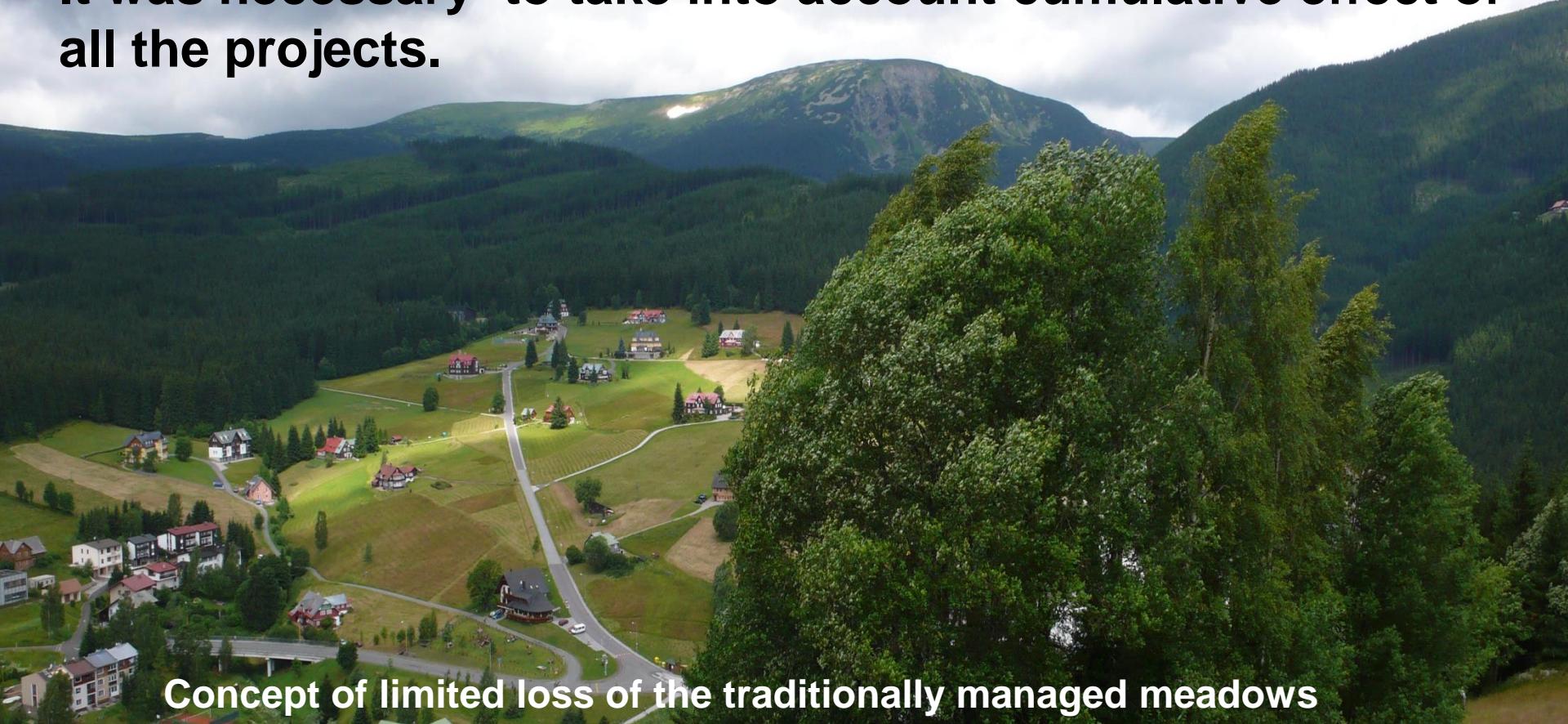
pensions or houses w  
negligible size.



**Such projects either do not enter AA procedure or do not have significant effect according to AA.**



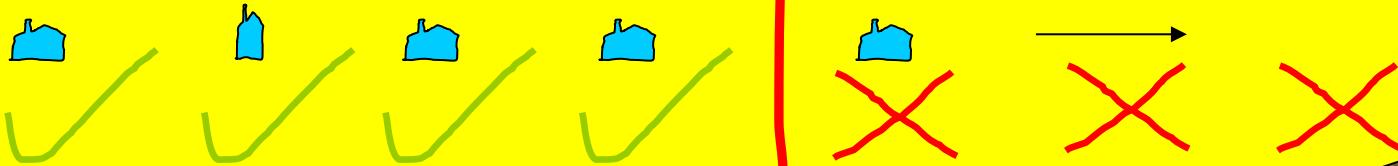
**It was necessary to take into account cumulative effect of all the projects.**



Concept of limited loss of the traditionally managed meadows

The limit

0,15ha + 0,1 ha + 0,1 ha + 0,15ha + | 0,15 ha ...



**The limits are percentage of total cover of the meadows in area of individual municipalities in NP...**

Habitat	6230		6510		6520	
Quality	I	I + II	I	I + II	I	I + II
Limit (%)	1	2	3	6	3	6

**...their current state is registered by Administration of NP...**

CIS LO	VEC	KATASTR	ROK	ZAM/KONC	LZE/NELZE	BIOTOP	REPRE/ ZACH	PLOCHA	VRATNOST/ VLIVU
1	Intenzifikace ČOV	Špindlerův Mlýn	2004	Z	L	X			
2	rekonstrukce chaty Zámeček v Janských Lázních	Janské Lázně	2004	Z	L	X			
3	oprava cest, svážnic a chodníků v r. 2004 (18 akcí)	KRNAP	2004	Z	L	X			
4	záměr výstavby parkovacích domů a příjezdu k nim	Pec pod Sněžkou	2004	Z	L	X			
5	Rekonstrukce místní komunikace (sport. areál Sv. Petr-nám.- autokemp KRNAP)	Špindlerův Mlýn	2004	Z	L	X			
6	"Čistá horní Úpa"	KRNAP	2004	K	L	N			
7	"Čisté horní Labe"	KRNAP	2004	K	L	N			
8	zadání změny č. 4 ÚPSÚ Benecko, Horní Štěpanice, Mrklov, Dolní Štěpanice	Benecko	2005	Z	N	N			
9	4. změna ÚPSÚ Benecko, Dolní Štěpa- nice, Horní Štěpanice, Mrklov - doplněk	Benecko	2005	Z	N	N			
10	Rekonstrukce č.p. 185 a 186 v k.ú. Černý Důl	Černý Důl	2005	Z	N	N			
11	Rekonstrukce a nadstavba č.p. 185 a 186 v k.ú. Černý Důl	Černý Důl	2005	Z	N	T2.2	B/B	0.2	V
12	UP, sjezdová dráha a LV Vápennice, varianta II	Dolní Dvůr	2005	Z	N	N			
13	Výstavba 4 RD na pozemku p.p.č. 481/2 v k.ú. Dolní Štěpanice	Dolní Štěpanice	2005	Z	N	T1.1	B/A	1.00	N
14	Spalladio Harrachov	Harrachov	2005	Z	N	X			
15	Ubytovací komplex Praha - Harrachov	Harrachov	2005	Z	N	X			

**...and summarized every year online.**  
<http://www.krnnap.cz/natura-2000>

**The concept works!**

**It is accepted by  
Authorised experts  
during AA  
procedures.**

**It is accepted by  
municipalities during spatial  
planning.**

**It was accepted by Ministry  
of Environment of the CZ  
as official methodology for AA.**

**Challenge:  
compensatory measures!**

## **Key points:**

- Significant losses to nature result from cumulative effects of small projects.
- AA can efficiently reduce such losses only if it estimates the cumulative effects really appropriately.
- Appropriate estimates of cumulative losses are enhanced by transparent, simple and consensual methodology.
- Any such methodology will be useless without reliable evidence of projects opened to the public.

A photograph of a person sitting in a field of tall grass and wildflowers, reading a book. The person is positioned in the upper right quadrant of the frame, partially obscured by the dense vegetation. The field is filled with various wildflowers, including yellow dandelions and purple flowers. In the background, there is a dense forest of evergreen trees.

Thank you for your attention!