

EAAP

European Federation of Animal Science



Session 03. Managing conflicts between farming and wildlife

Problems and experience with predators in sheep and goat production in Slovenia

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Theatre Session 03

Slovenia has 3 large predators



Bear

Lynx



Crow (*Corvus corax*)



Wolf



Predators territory





Management approaches



STRICT
PROTECTION

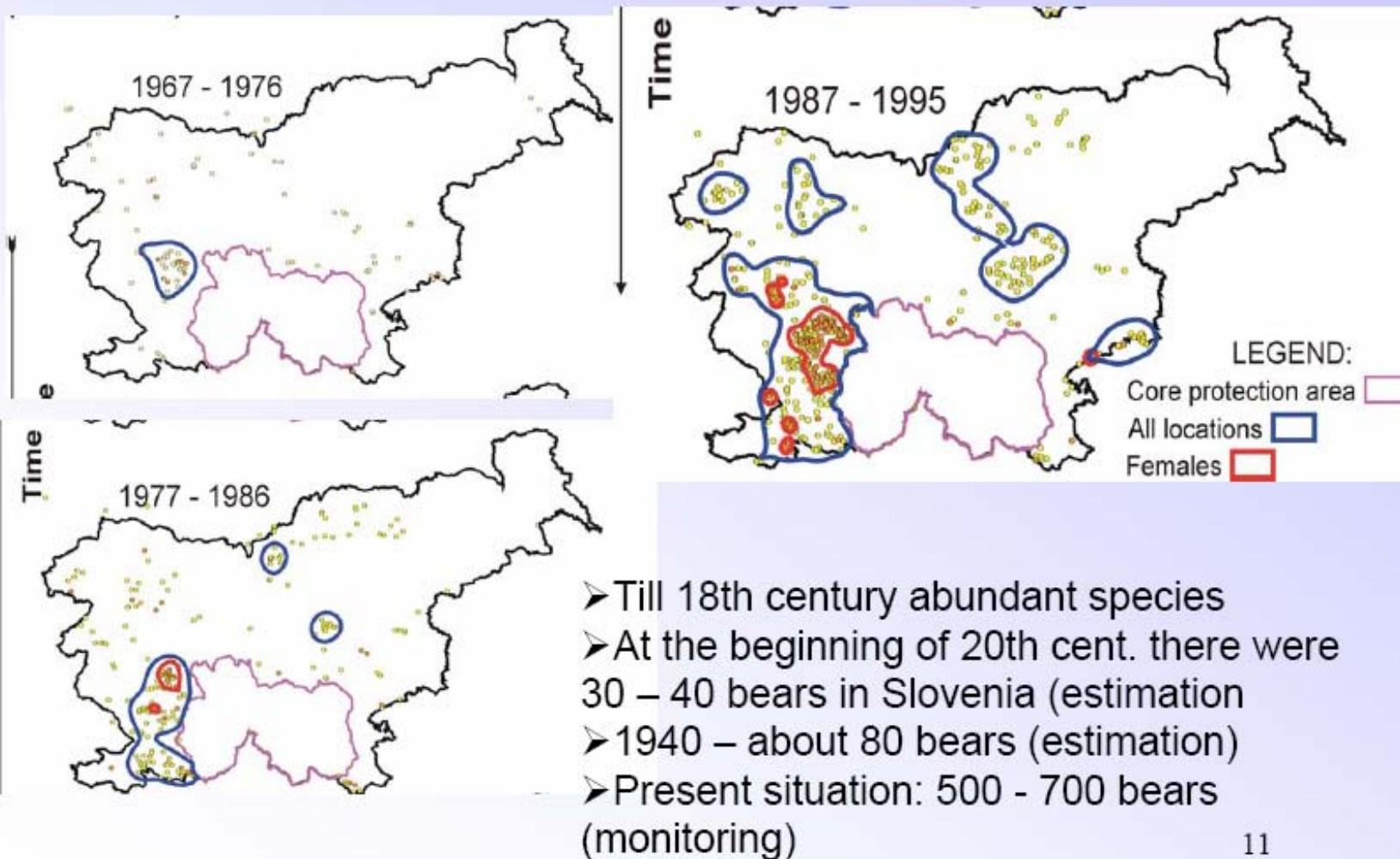


STRICT
PROTECTION
+
EXCEPTIONAL
MEASURES



STRICT
PROTECTION
+
MANAGEMENT

Brown bear spatial extension 1976 - 1995





Transposition of EU legislation

Habitats directive



Nature
Conservation Act

Decree on the protection
of wild animal species

Decree on special
conservation areas
NATURA 2000

Rules on taking of the
specimens of brown
bear (*Ursus arctos*)
from the wild

Legislation on impact assessment
of plans and projects on brown
bear (*Ursus arctos*)

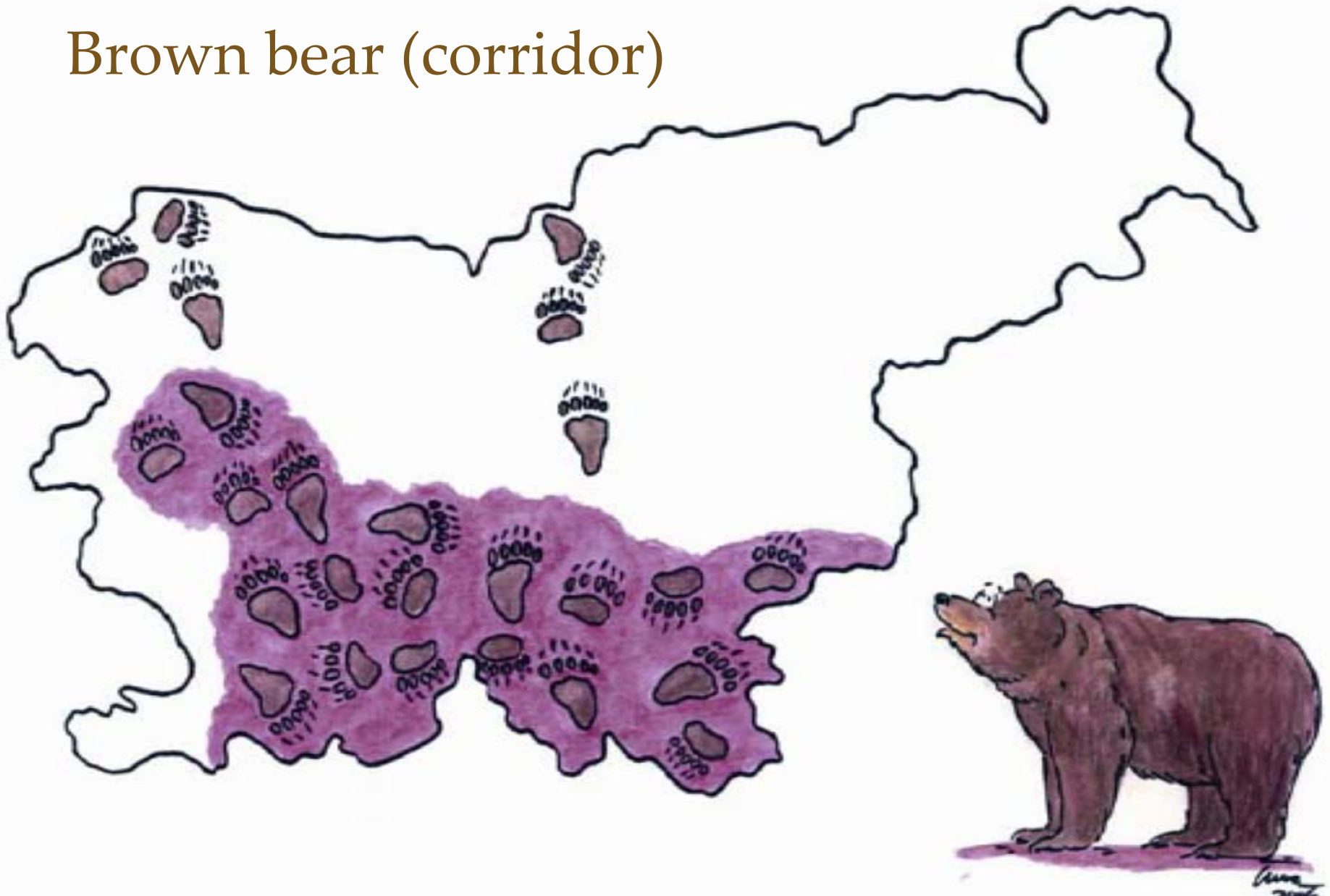
Brown bear (*Ursus arctos*) Management Strategy in Slovenia (2002)

The aims of the strategy are:

- * long-term conservation of the brown bear species in Slovenia, including its habitat and**
- * ensuring coexistence of humans and bears.**



Brown bear (corridor)

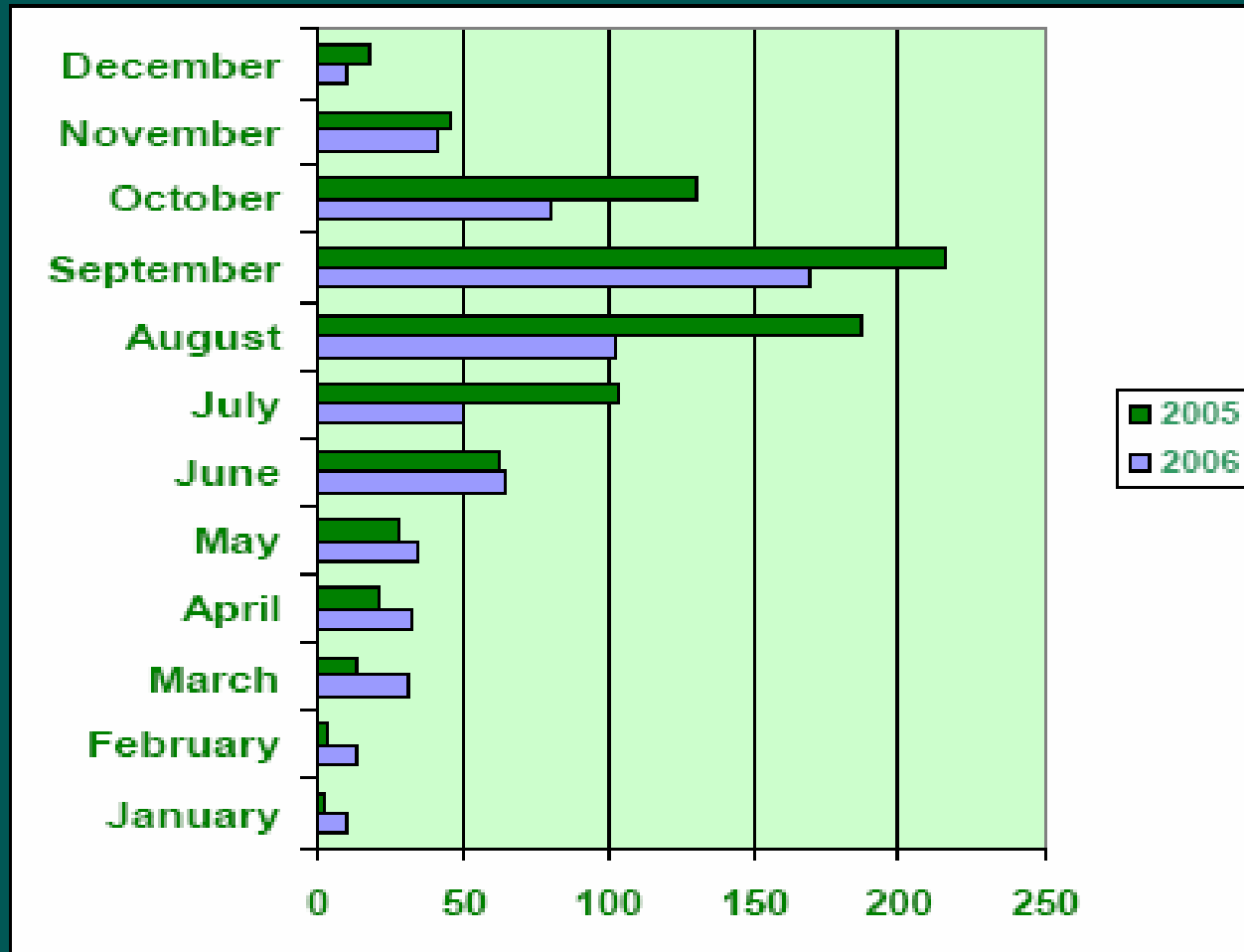


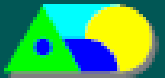




ANALYSIS OF DAMAGES

BROWN BEAR (*Ursus arctos*)





NATIONAL LEGISLATION

- **Nature Conservation Act**
 - provide the right to compensation
 - to estimate damages of the SFS
 - MESP, EARS makes the final decision on whether the damage must be compensated or not



NATIONAL LEGISLATION

➤ Wild Game and Hunting Act

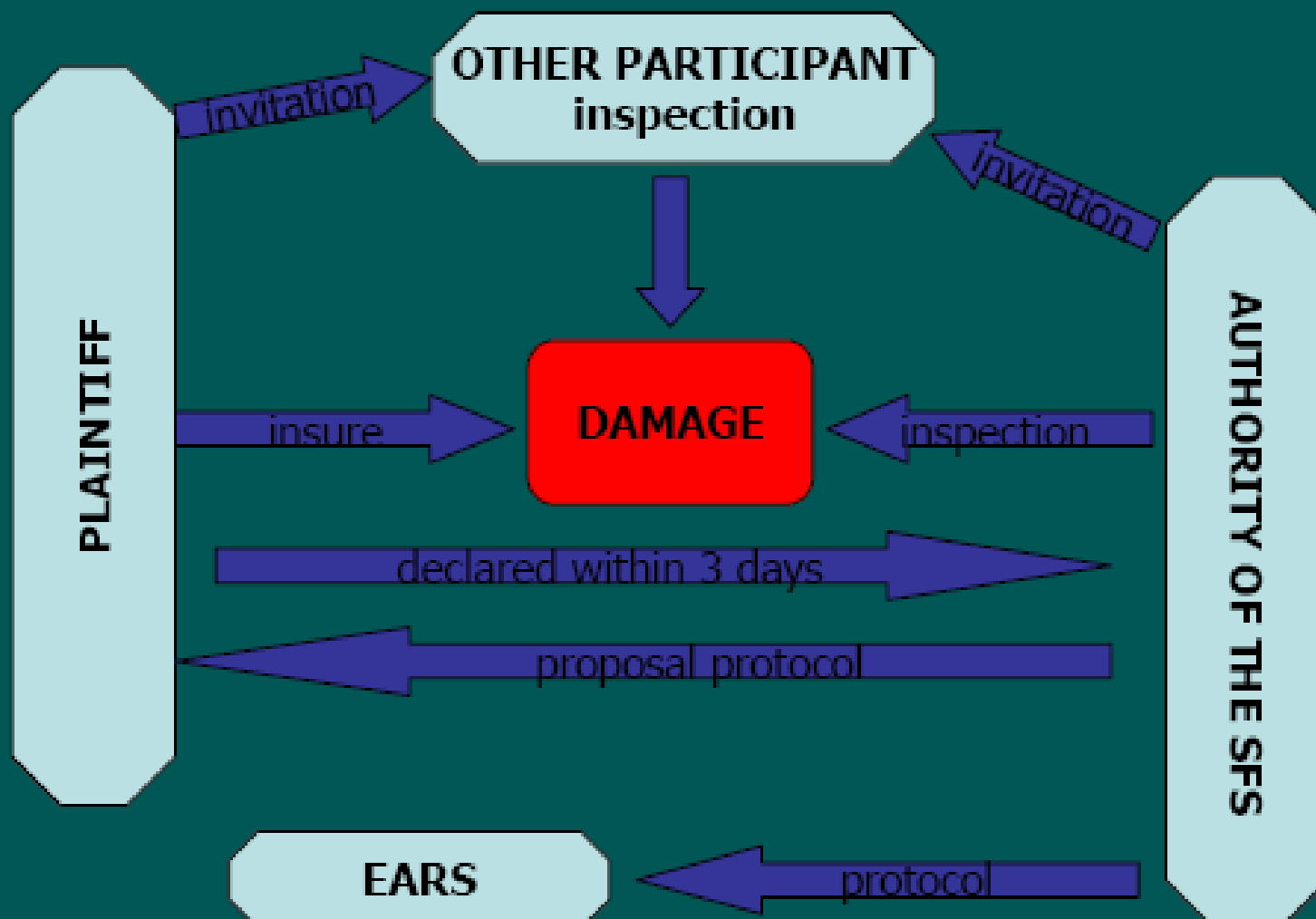
- define compensation procedure

➤ Instruction MESP

- define correct treatment
- forms (protocol, agreement, application)
- pay scale (statistical data, expert opinion)

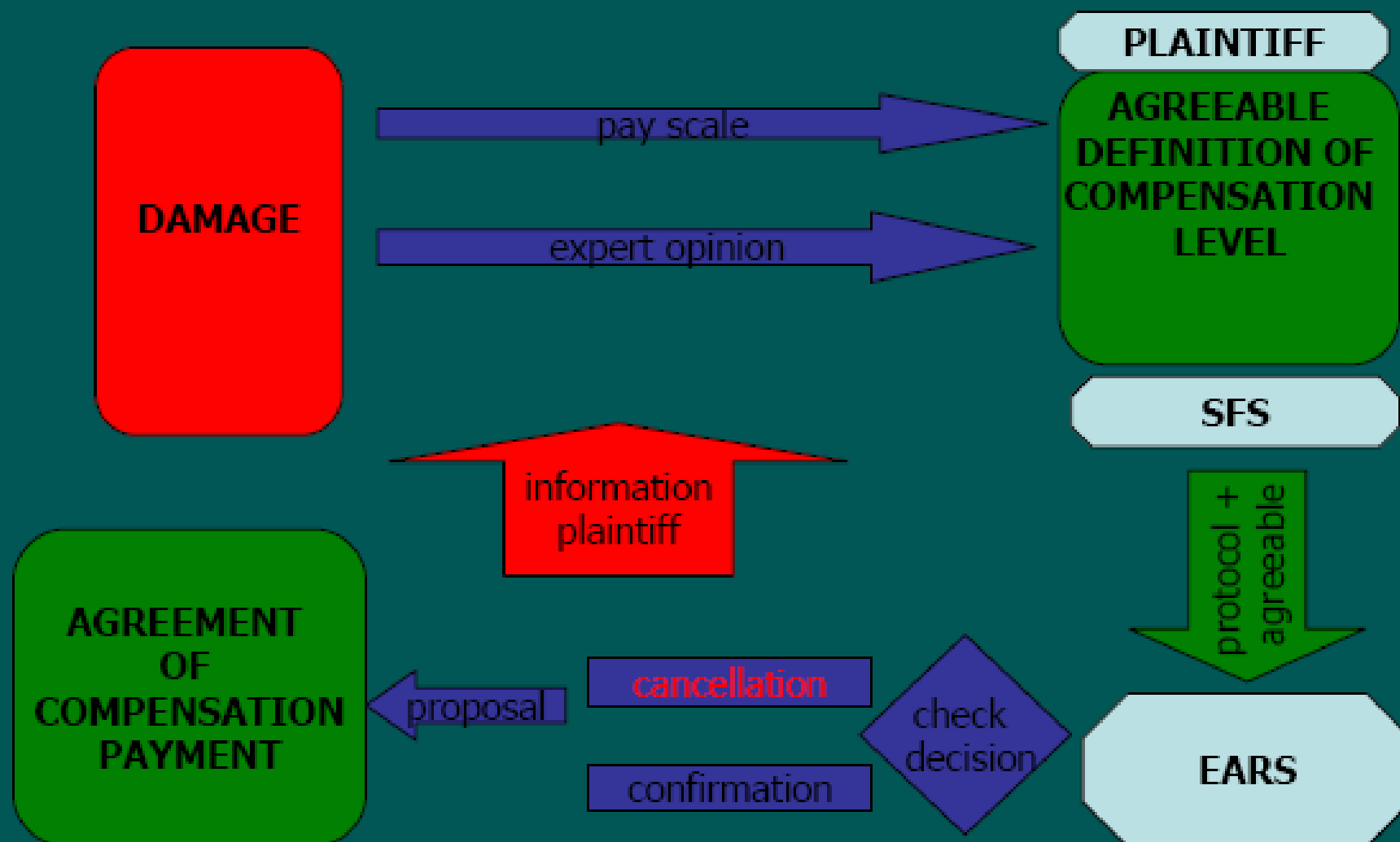


COMPENSATION PROCEDURE



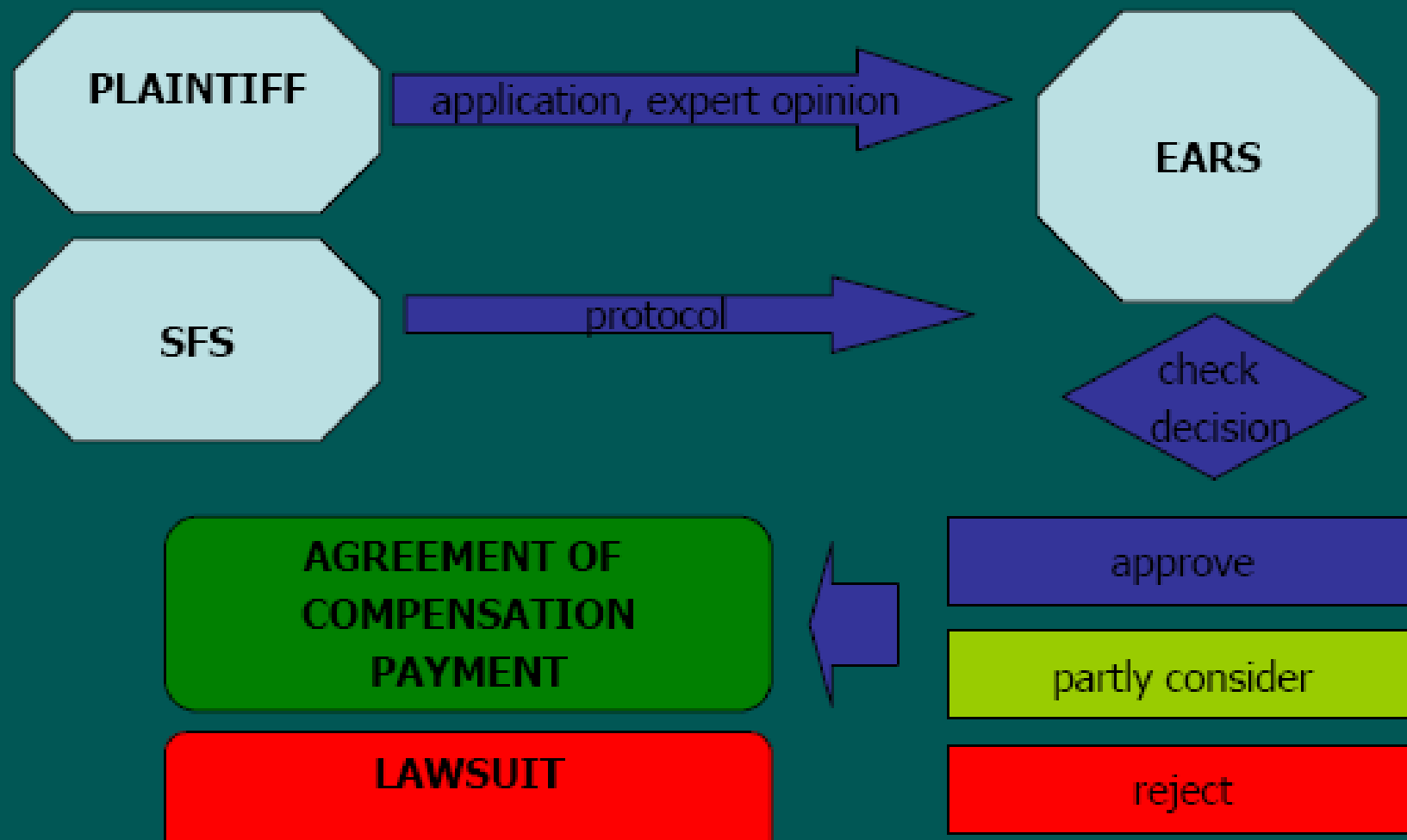


AGREEABLE DEFINITION OF COMPENSATION LEVEL





CLAIM ON THE BASIS OF APPLICATION AND EXPERT OPINION



Damages in year 2006 (Livestock)

Species	Number attacks	Damage reimb. €
Brown bear	588	145.098
Wolf	164	87.745
Lynx	16	3.280
Crow	185	39.380
Total	953	275.503

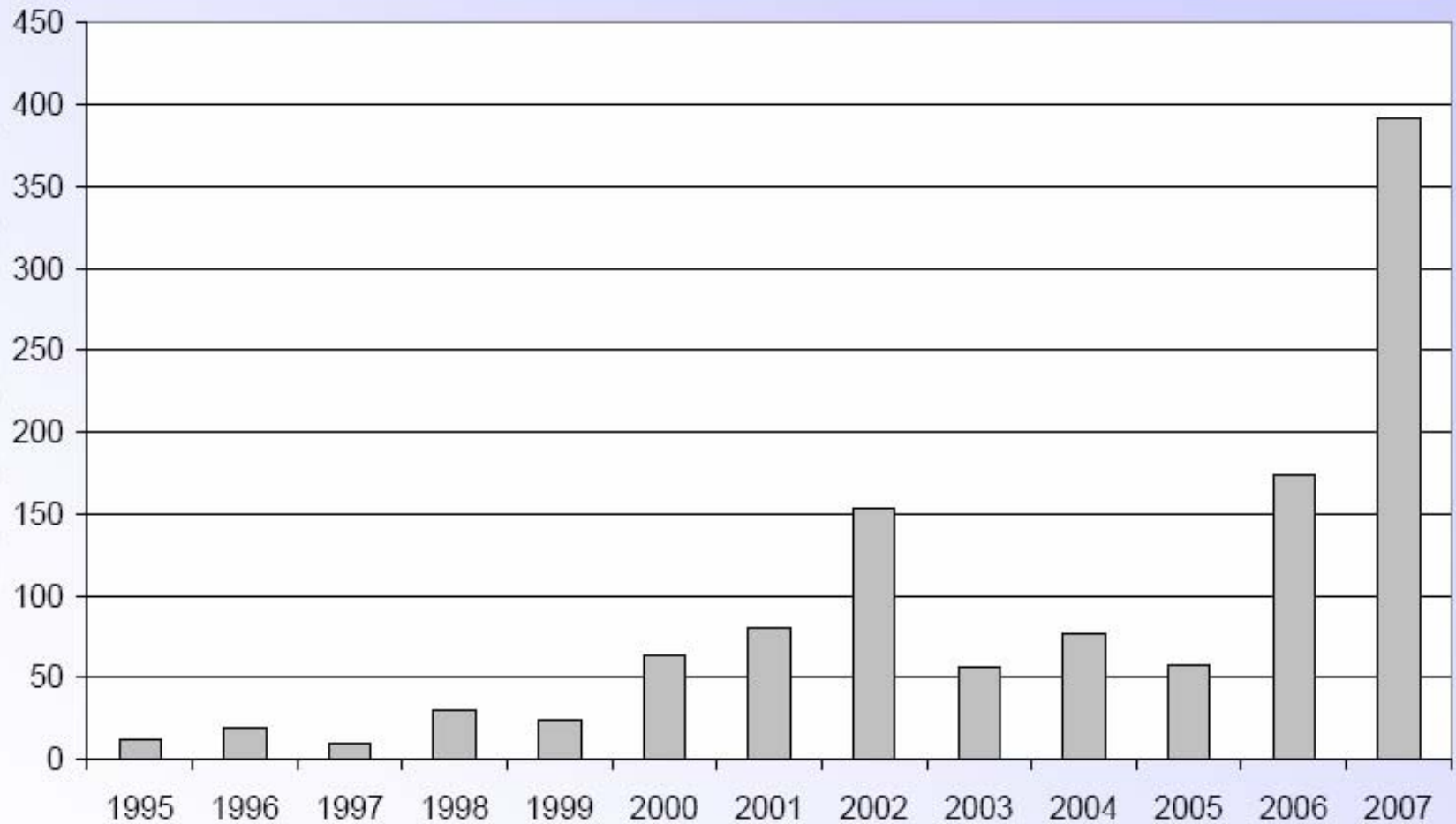
Damages in year 2007 (Livestock)

Protected species	No. Attacks	No. Approved	No. Rejected	Approved money (EUR)
Brown bear	325	294	31	81.866
Wolf	394	356	38	203.636
Lynx	8	7	1	1.161
Crow (raven)	291	17	1	52.640
Total	1018	674	71	339.304

Attacks 2006/2007

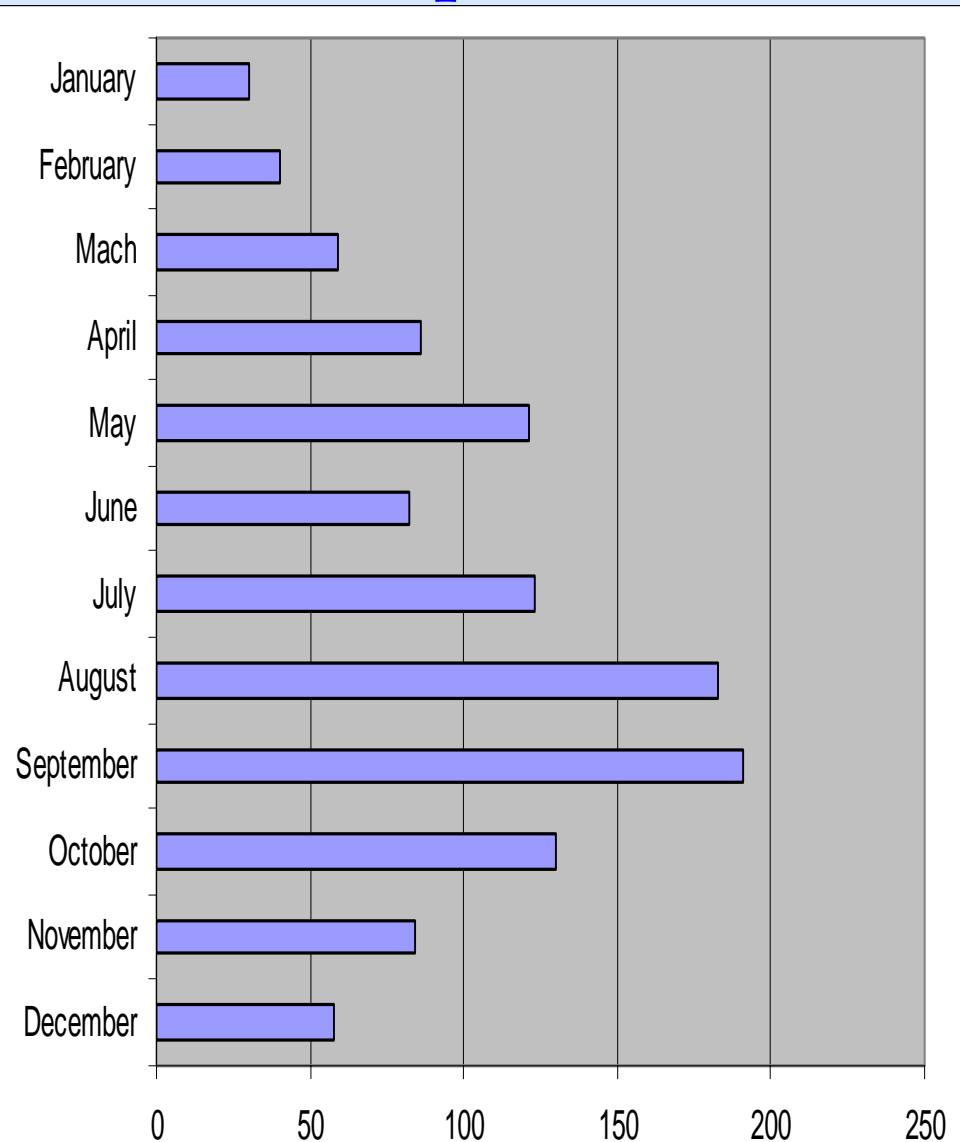
Protected species	No Attacks 2006	No Attacks 2007
Brown bear	588	325
Wolf	164	394
Lynx	16	8
Crow (raven)	185	291
Total	953	1018

Number of Wolves



Attacks by Months (all sp.)

January	30
February	40
Mach	59
April	86
May	121
June	82
July	123
August	183
September	191
October	130
November	84
December	58
Total	1187

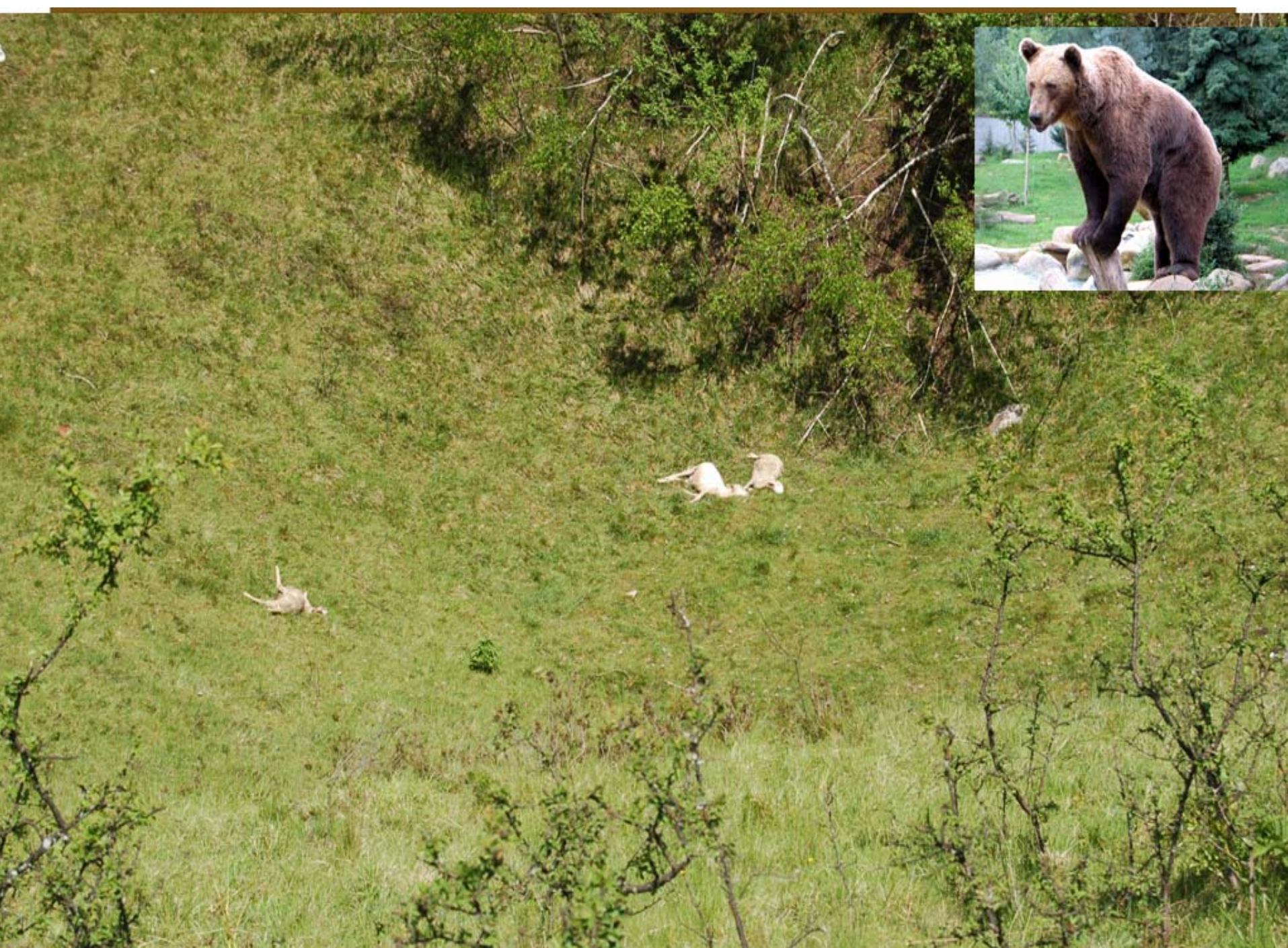














MARIO PASTERL

Animal protection methods

Fence and stable	
Massive permanent fence	
Temporary electric fence	
Permanent electric fence	
Massive permanent fence with electric fence	
Stable and the pasture	
Fence and guard dog on the pasture	
Shepherd or workman	
Donkeys on pasture	
Some other methods (illegally - archery, guns....)	

All species of livestock are susceptible to predation, especially young animals, but sheep and goats suffer most



Thank you

