

# IMPACTS OF LARGE HERBIVORES

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EVROPSKÁ UNIE



MINISTERSTVO ŠKOLSTVÍ,  
MLÁDEŽE A TĚLOVÝCHOVY

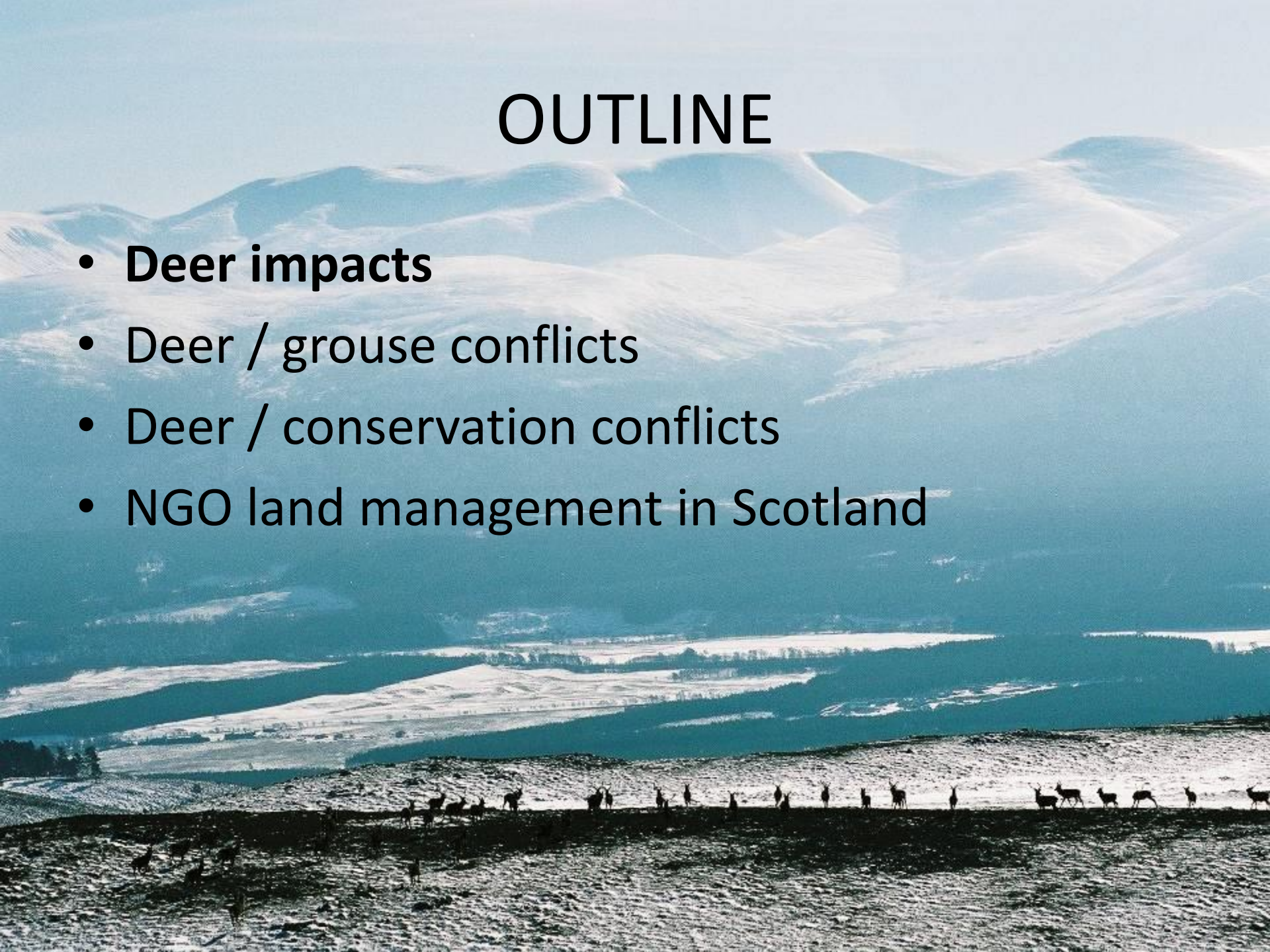


OP Vzdělávání  
pro konkurenceschopnost

INVESTICE DO ROZVOJE VZDĚLÁVÁNÍ

# OUTLINE

- **Deer impacts**
- Deer / grouse conflicts
- Deer / conservation conflicts
- NGO land management in Scotland









# UK (Scotland) one of highest density of large herbivores in Europe

Country	Density of large herbivores / km <sup>2</sup>
Austria	17.4
<b>UK (Scotland)</b>	<b>4.8</b>
Spain	4.7
Serbia	1.8
Croatia	1.3
Norway	0.9
Portugal	0.6
Greece	0.02





# FORESTRY

- Browsing
- Bark stripping / thrashing
- Deer culling costs
- Fencing costs

€11M



# AGRICULTURE

- Arable crops
- Grazing competition
- Livestock disease transmission (F +M, TB)



€1M??

# BIODIVERSITY

- Grazing
- Trampling (peat bogs)
- Depleted ecosystems\*
- Native species – part of ecosystem

*\*248/957 designated feature  
unfavourable due to herbivores*













# HUMAN HEALTH

- Road vehicle collisions
- Ticks

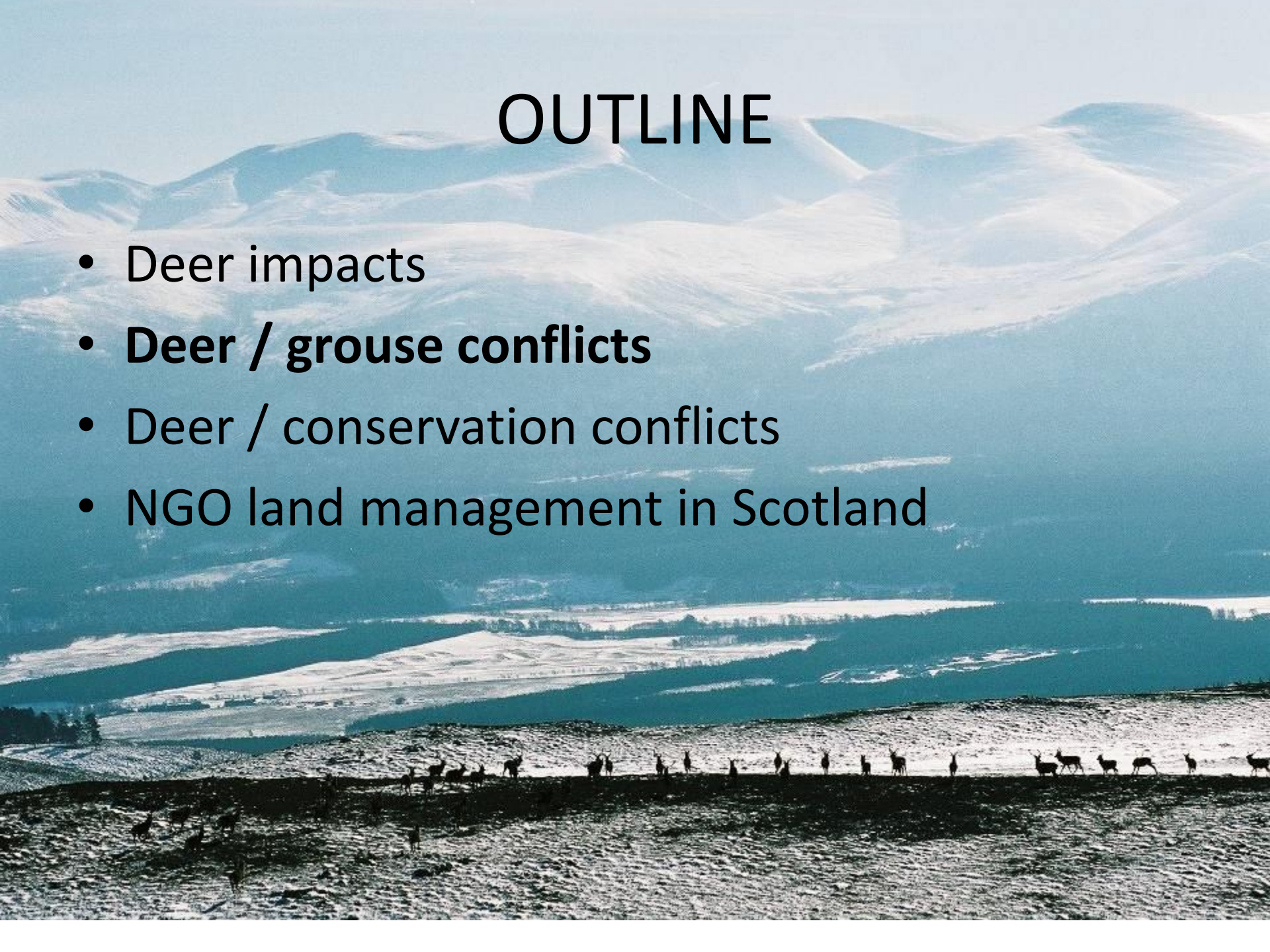


€10M??



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# DEER GROUSE CONFLICTS



# Socio – Economic Aspect





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# Issue with single spp management





# DEEP CULTURAL 'TRADITION'



<b>TRADITIONAL</b>	<b>CONSERVATION</b>
Density > 15 km <sup>2</sup>	Density < 5 km <sup>2</sup>
Infrastructure (roads, fences, ATVs)	Presumption against tracks, fences, ATVs
Low cull based on sporting stags	High cull across the age / sex range
Only in open seasons	Simulate wolf (night, all year)
'Honour' deer – use all venison	Simulate wolf – leave carcasses for eagles





Shoots of recovery – culling without fencing:  
Corroun, Nevis, Quinag

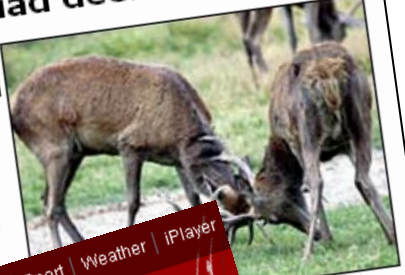


# Mar Lodge deer policy: NTS review carried out

An independent review into the

# Anger over flying squad deer cull

A cull of 80 deer in the Cairngorms by a flying squad of trained marksmen has caused uproar.



Seven contract stalkers were flown in by helicopter to carry out the killing mission on the Glenfeshie Estate.

# Gamekeeper warns of deer cull 'bloodbath'



# Deer culls aggressive Scottish Gamekeepers Association says

Deer culls in the name of conservation are "aggressive" and harm populations that support sporting estates, a gamekeepers body has said.



The Scottish Gamekeepers Association suggests culls in parts of Sutherland are so excessive they threaten the economic stability of shooting estates.

Numbers of red deer are at record high levels in some places, the Deer Task Force said

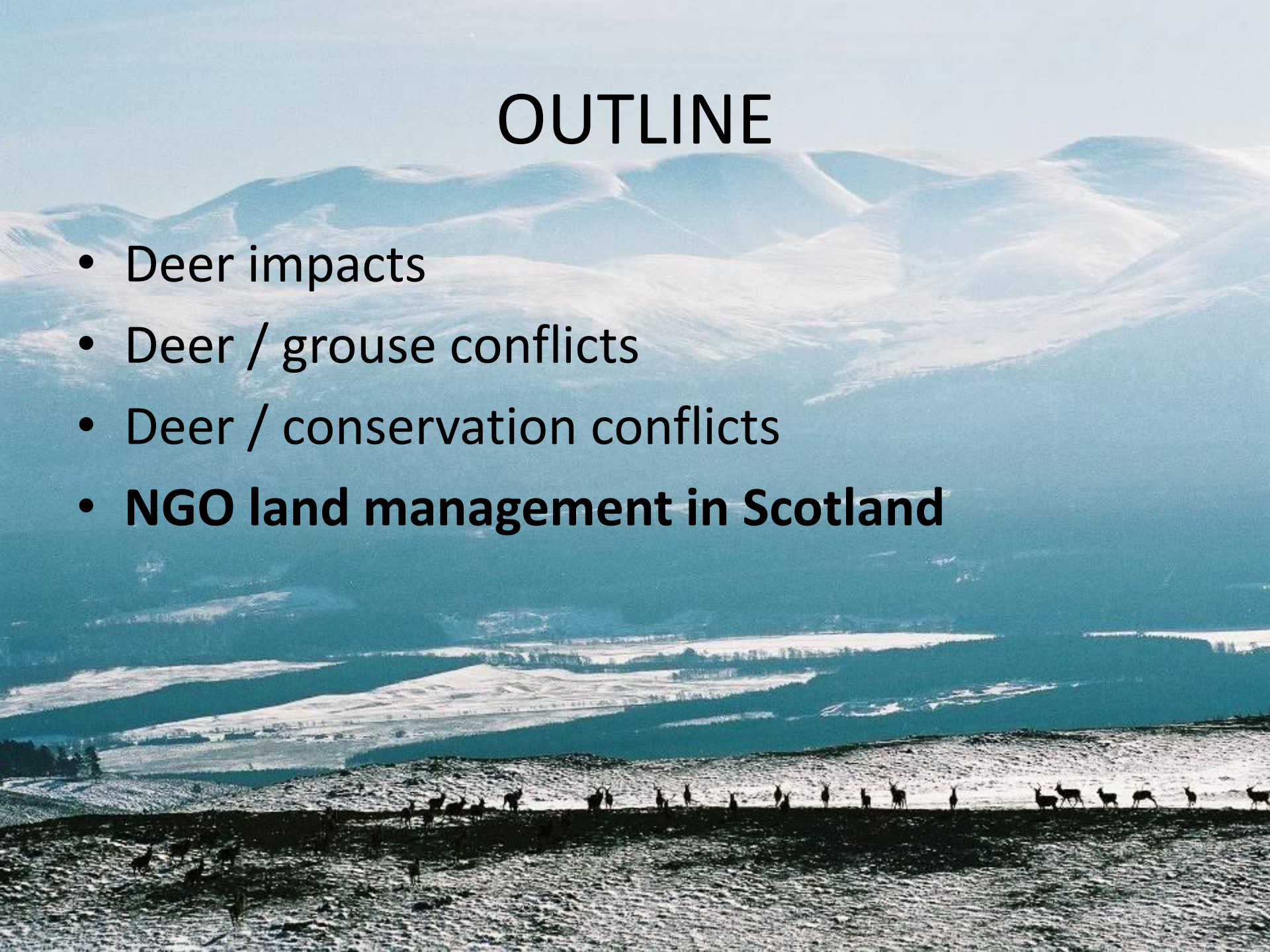
### Related Stories

- The economics of Scotland's deer
- Deer numbers changing woodlands
- Concern over cull



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# NGO LAND MANAGEMENT IN SCOTLAND



(wildlife, wild land, woodland, birds, countryside)

- 2% of Scotland's land, 10% population are members
- (< 4% of red deer cull)