

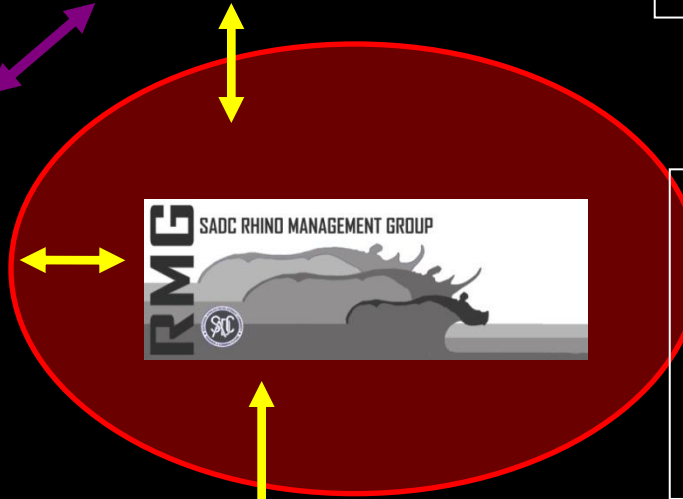
Rhino conservation strategy



Dr Mike Knight & Dr Richard Emslie



African rhino range state reps, RMG chair, TRAFFIC, specialists, RESG/Interpol, private land owners donors



DEA, SANParks, Provincial conservation agencies, Namibia, Swaziland, Zimbabwe, Private land owners, WRSA, specialists, plans for Botswana, Malawi, Zambia & Tanzania



Rhino & Elephant Security Group/ Interpol Environmental Crime Working Group

National conservation authorities, DEA, Private landowners

Roles of SADC RMG

- Advisory body (initially black rhinos) - now white rhinos
- Biological management
- Technical advice
- Facilitates cooperation nationally & regionally = TRUST
- Share rhino management experiences to lower level
- Regional black rhino status reports – 23 years data!
- Draft rhino management plans
- Assists DEA in hunting applications reviews
- Provides information to AfRSG
- Engages with Rhino & Elephant Security Group

Extensive rhino
experience &
understanding



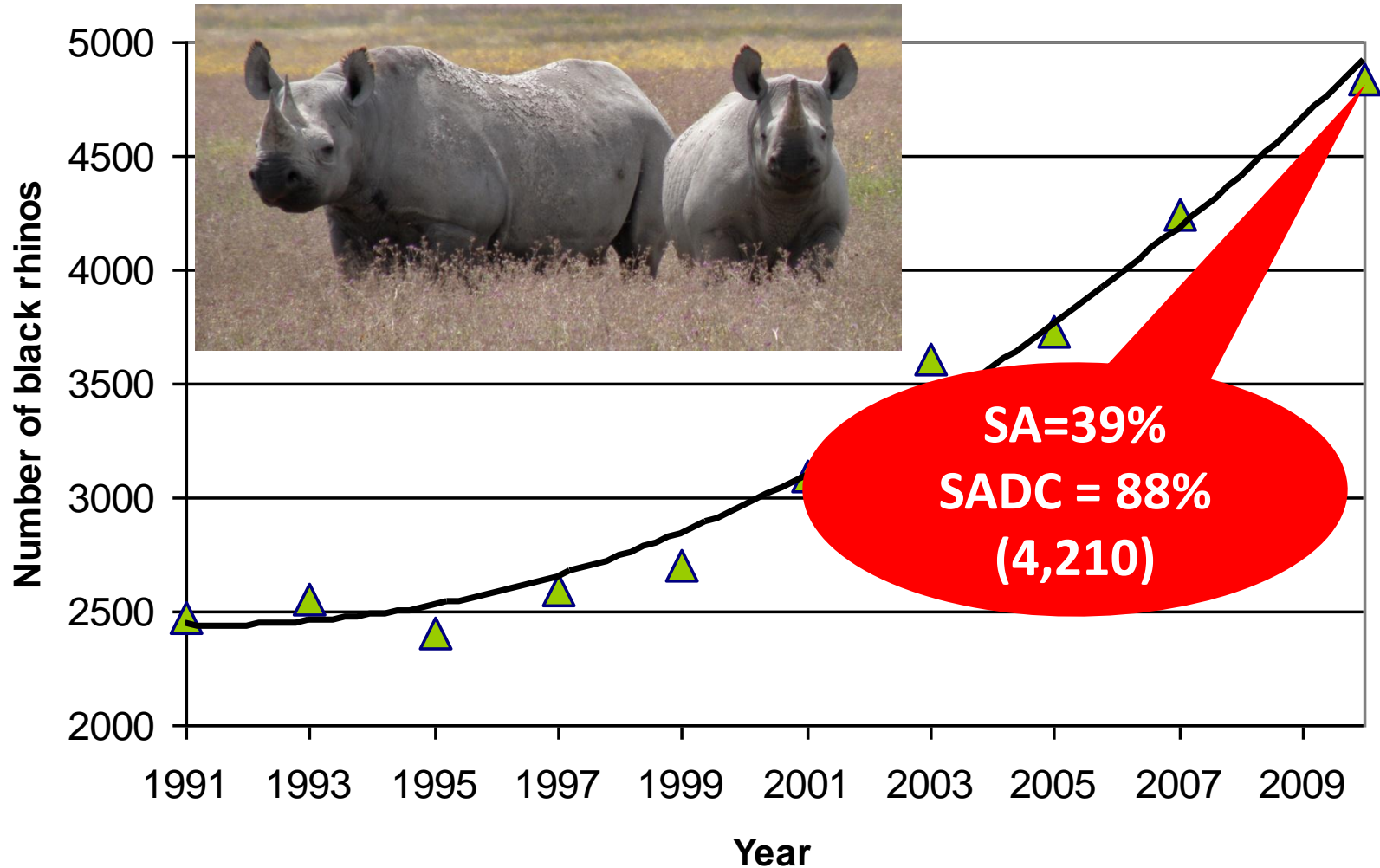
Historical occurrence of Africa's rhinos

Lost from \approx 70% of range states

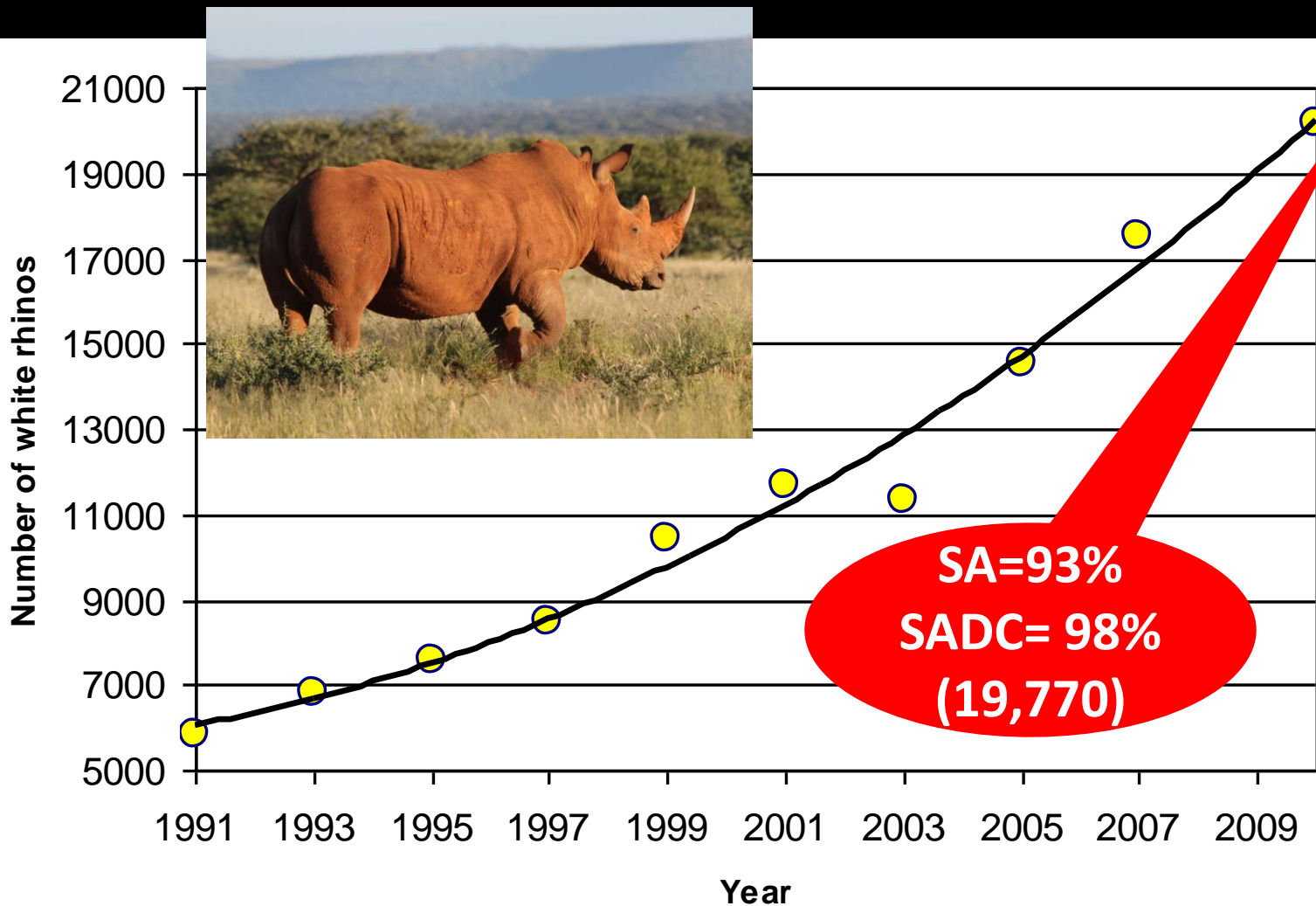
Species	Persisted in	Lost from	Reintroduced to
Black	5 (SA, Namibia, Zimbabwe, Kenya, Tanzania)	20	4 (Malawi, Zambia, Swaziland, Botswana)
S'n White	1 (SA)	4	6 (Botswana, Zimbabwe, Swaziland, Mozambique, Zambia, Kenya)

SA played major role in the persistence and recovery of rhinos

Africa's black rhinos



Africa's white rhinos



Rhino Numbers in Africa: Dec 31 2010

SA=83%

SADC = 96% of Africa's

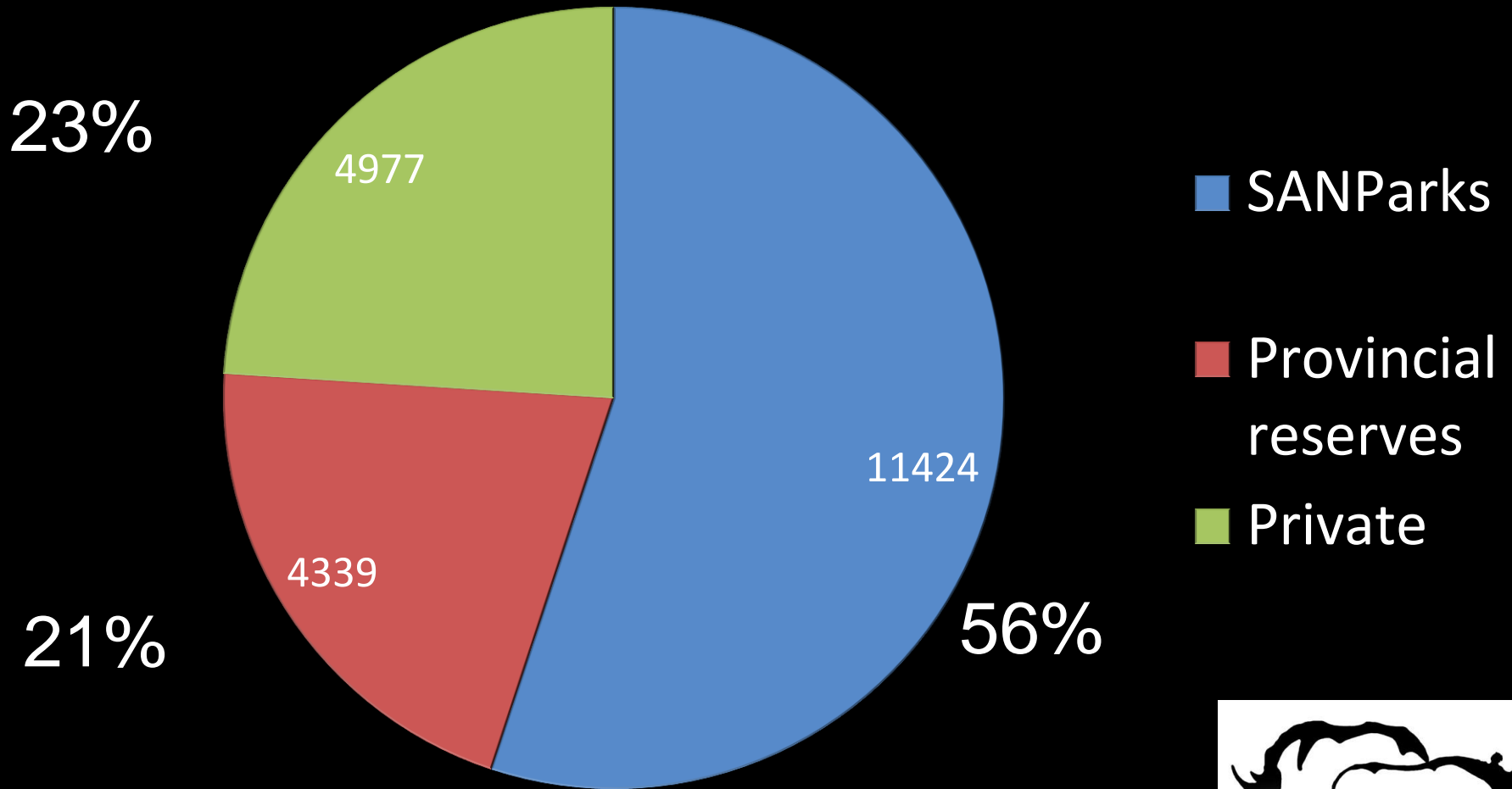
SA 73% of worlds population

Species	White rhino				Black rhino				
	Subspecies	Count	Total	Trend	Subspecies	Count	Total	Trend	
South Africa		18,796	18,796	Up		171	60	1,915	Up
Namibia		469	469	Up		1,750		1,750	Up
Kenya	4	361	365	Up			594	594	Up
Zimbabwe		290	290	Down			431	431	Down
Angola						1		1	?
Botswana		135	135	Up			7	7	Up
Malawi							24	24	Up
Mozambique		6	6	Down			1	1	?
Swaziland		88	88	Up			17	17	Stable
Tanzania						88	25	113	Up/Down?
Uganda		9	9	Up					
Zambia		7	7	+Intro			27	27	Up+Intro
Totals	4	20,160	20,170	Up	1,920	740	2,220	4,880	Up

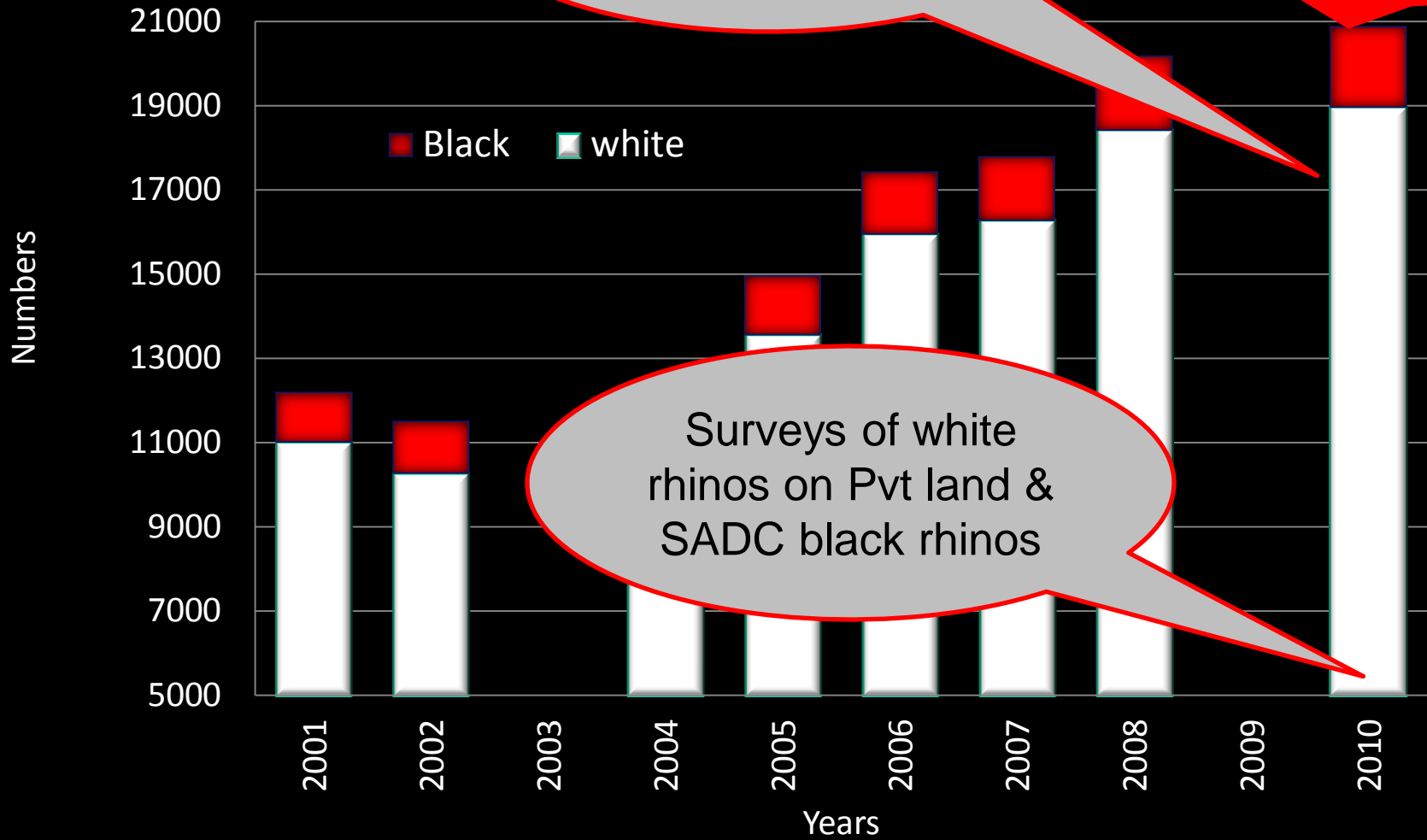
Big 4 countries = 98.7%

Big 4 countries = 96%

SA rhino ownership



South Africa rhino pops



Pvt
Total: 23% (4977)
WR=22% (400+ pops),
BR=23% (40+)

2010:
Tot = 20,690 (82%)
WR = 18,780
BR = 1,900

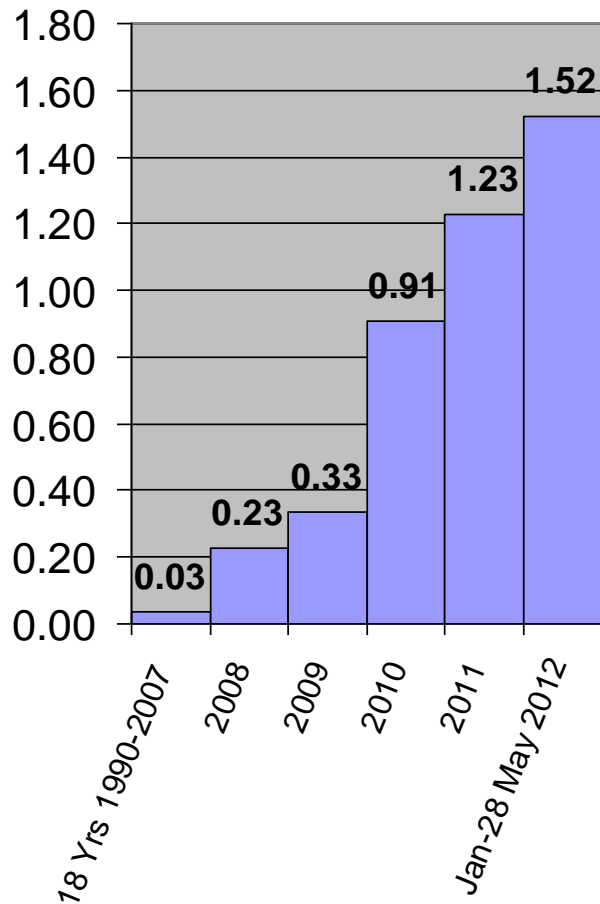
Surveys of white rhinos on Pvt land & SADC black rhinos

Reasons for S'n Africa's successful rhino programme

- Increased value in rhinos & wildlife (ecotourism, hunting & sales of live)
- Sustainable use philosophy = vibrant wildlife industry
- Ownership of wildlife extended to private land owners & custodians
- Generally supportive & committed conservation authorities
- **LETS NOT LOSE THIS: poaching = mining resource**
- **BLACK MARKET PRICE for horn fueling demand**

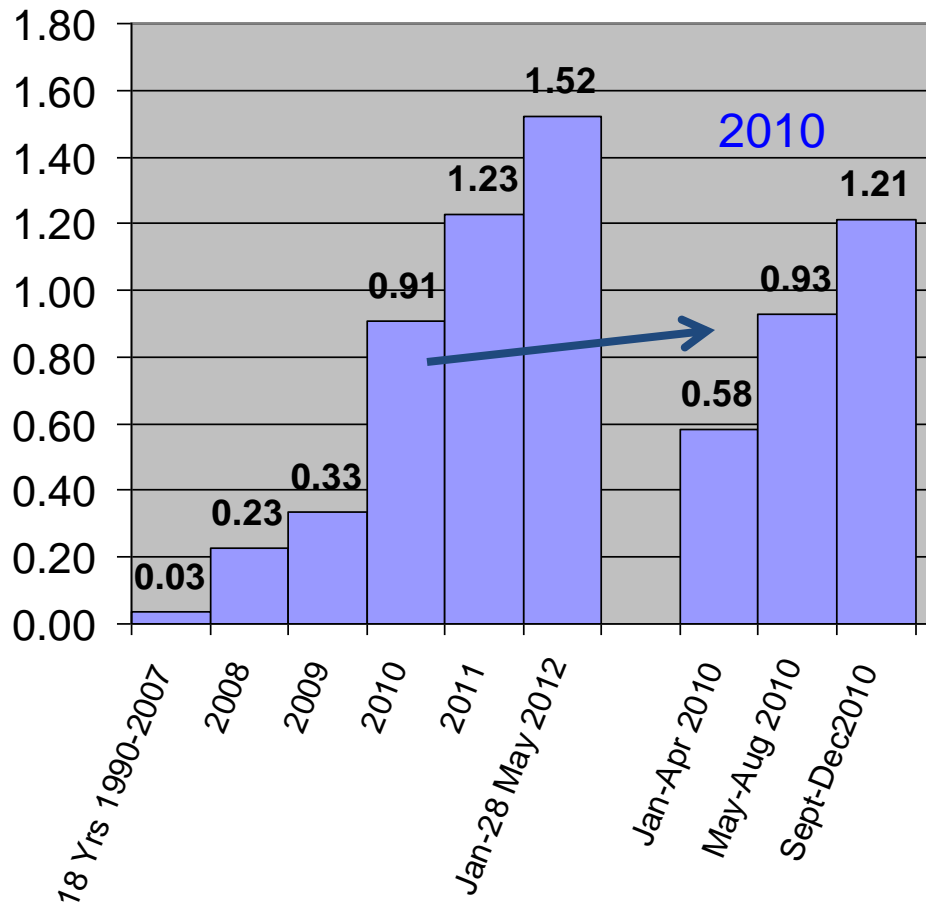
Rhino poaching in SA

Rhinos poached/day in SA



Rhino poaching in SA

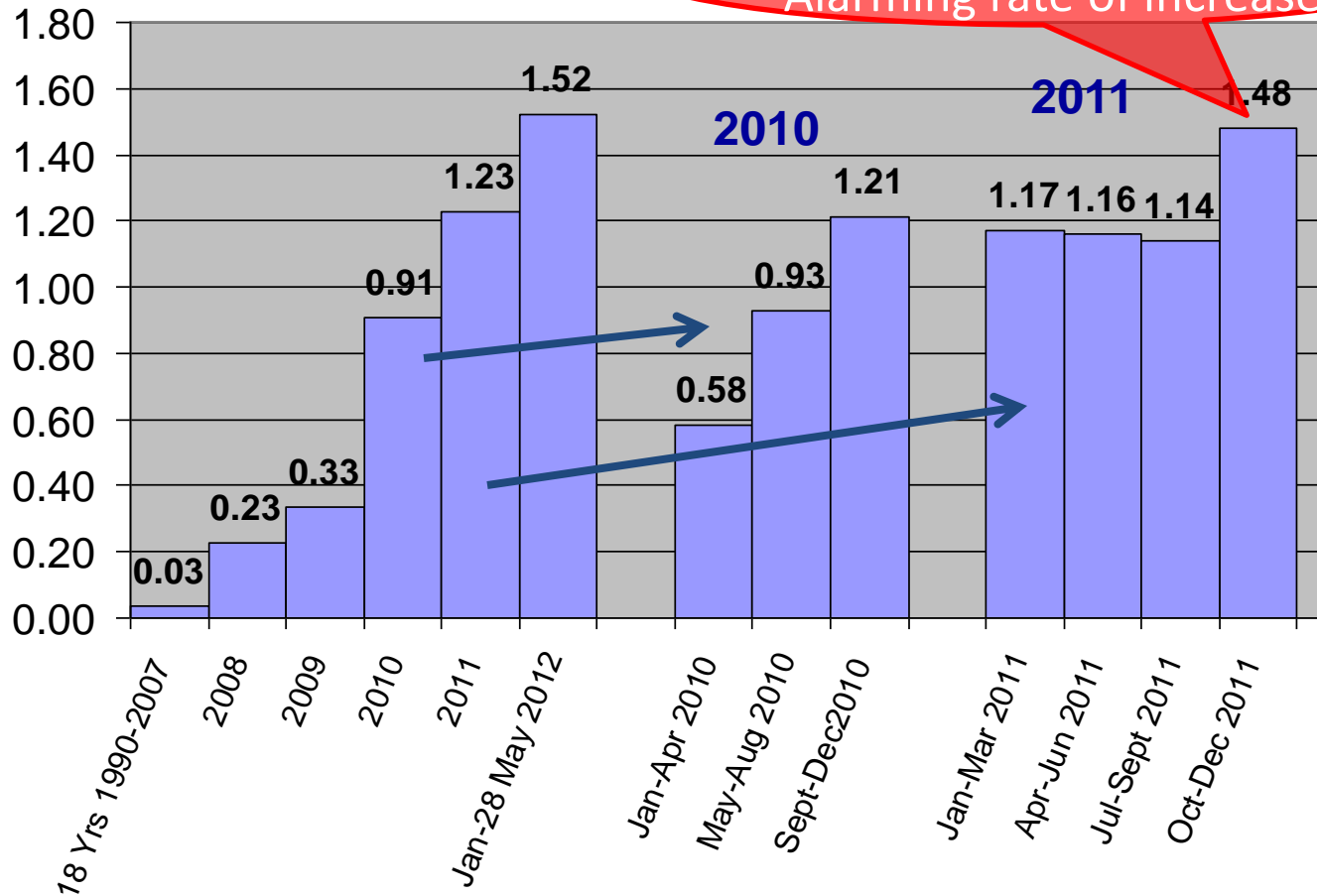
Rhinos poached/day in SA



Rhino poaching in SA

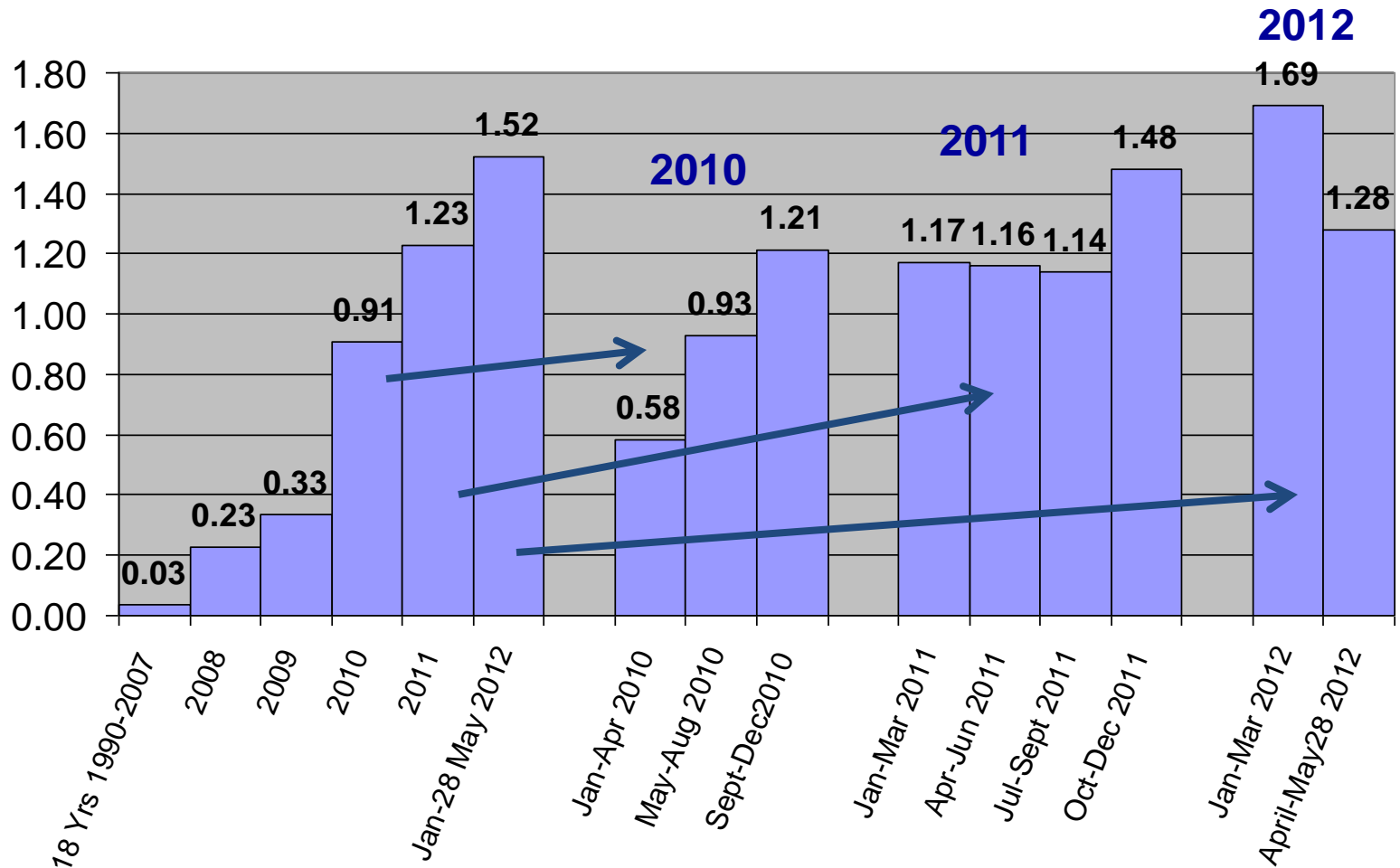
Rhinos poached/day in SA

- Xmas peak!
- Alarming rate of increase



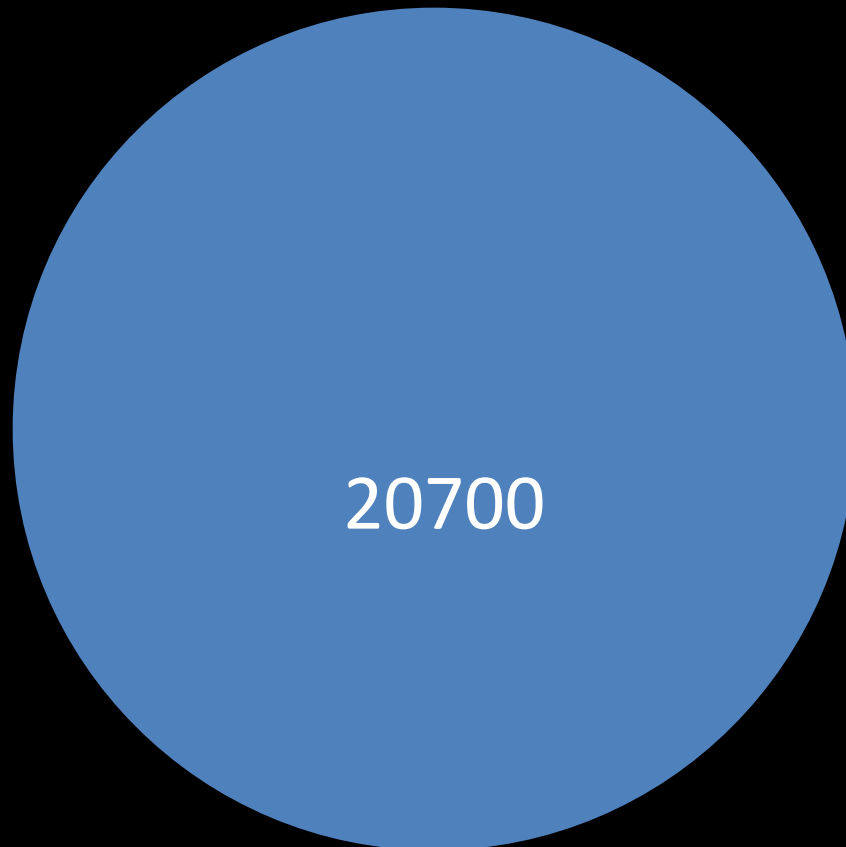
Rhino poaching in SA

Rhinos poached/day in SA



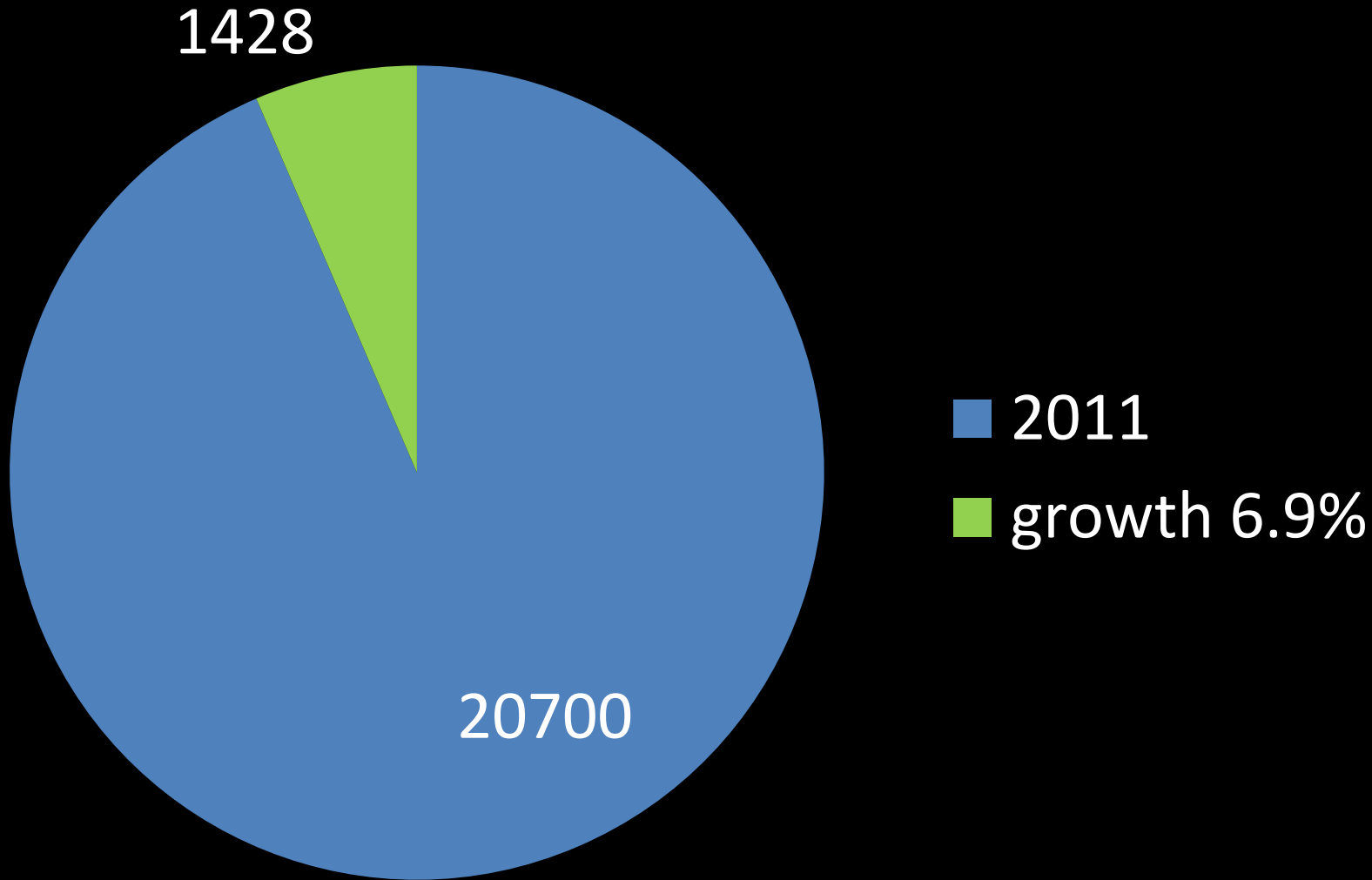
Despite poaching numbers still increasing

Starting population beginning 2011

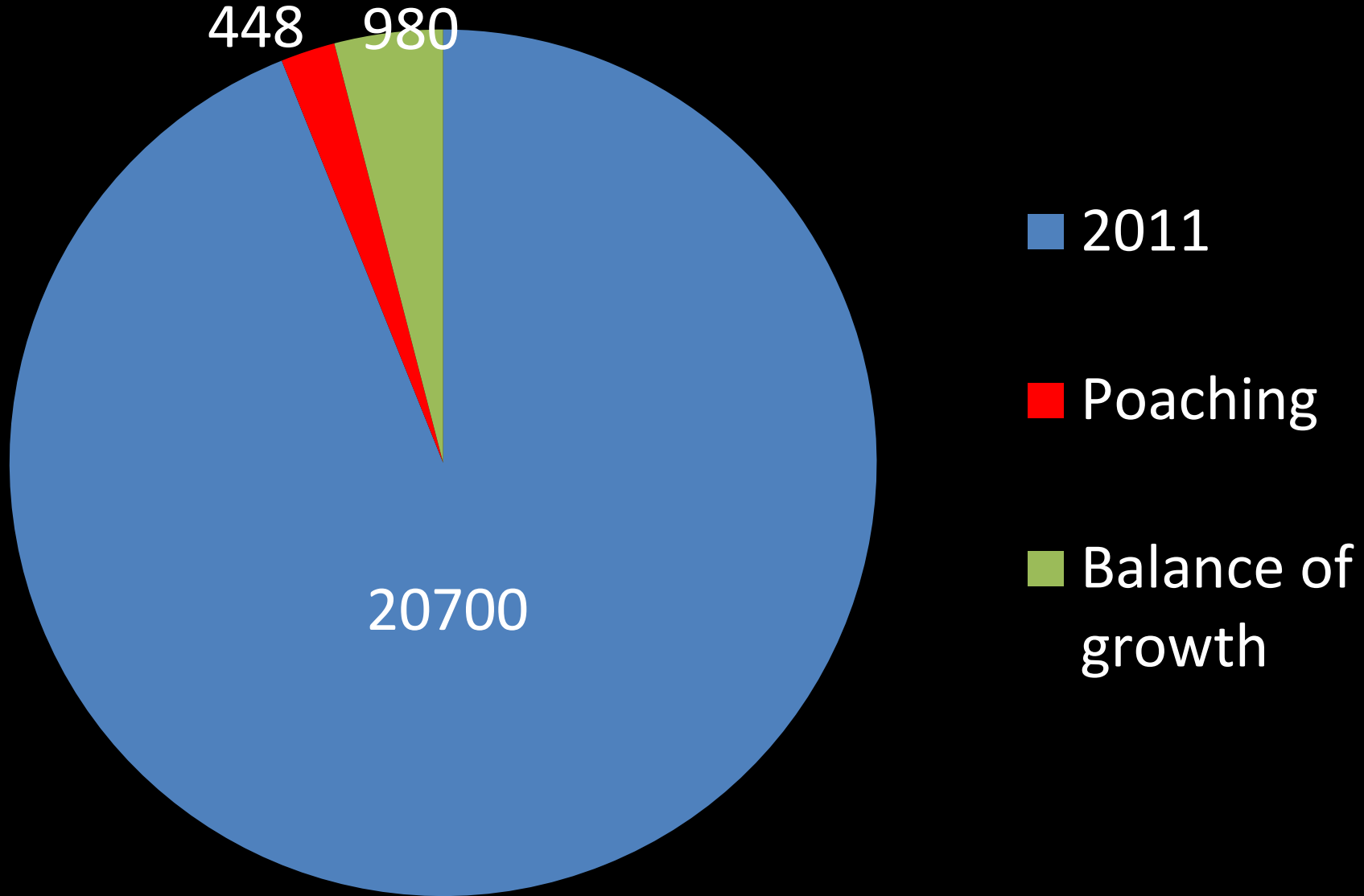


■ 2011

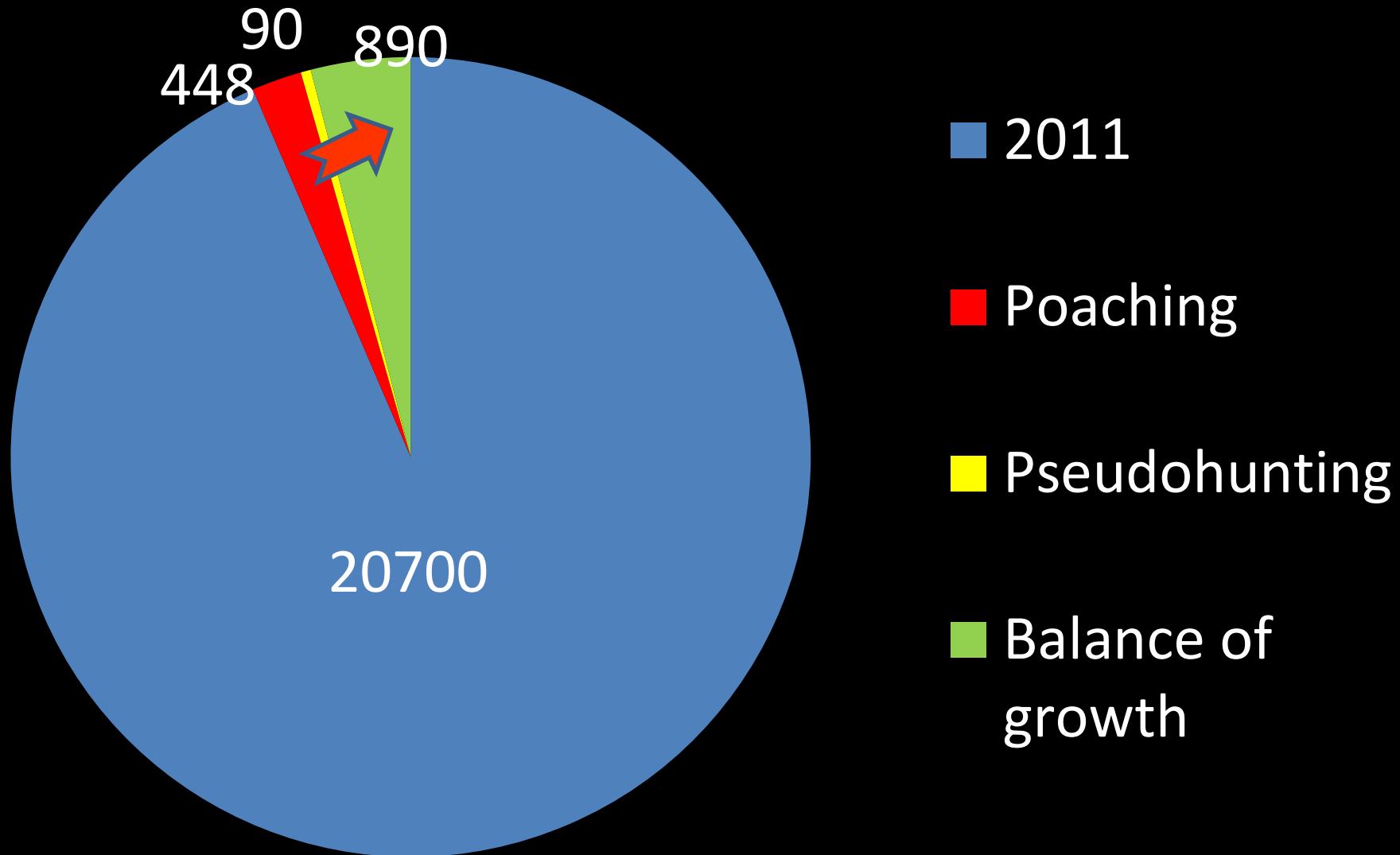
Average annual growth



Minus poaching



Minus additional pseudo-hunting



Rhino conservation objectives

- Reduction of number of rhinos being poached;
- Reduction of the black market prices of rhino horn;
- Reduction in the illegal demand for horn;
- Incentivize the private sector and communities to invest in rhino conservation through continued range expansion and numbers;
- Ensure rapid population growth rates through biological management & reduction in loss of genetic diversity;
- Enhanced law enforcement, especially stopping poachers BEFORE they kill rhinos.
- **BUT NEEDS SUSTAINABLE FUNDING**

Address objectives

- **NO SINGLE SILVER BULLET!!!!!! = COMPLEX ISSUE**
- NATIONAL level:
 - Increase *in situ* protection – focused training & staffing.
 - Remove pseudo-hunting.
 - Central integrated & secure database (rhinos , horns etc.) & permitting process (hunts etc).
 - Intelligence use & cooperation = STOP poachers.
 - Improved investigative & prosecution skills.
 - Increasing deterrent with higher sentences.
 - Use technology (DNA profiling)
 - Improved detection at ports of entry/exit.
 - Improved management of horn stocks (declaration & database)
 - Cooperation by private rhino owners
 - Address national TOPS legislation pitfalls.
 - Greater inter Dept cooperation.

Address objectives (cont.)

- INTERNATIONAL level:

- Intelligence sharing & cooperation.
- Higher comparative sentences.
- Institute stricter domestic measures for export of trophies & internal control in importing countries.
- Address legislative short falls. Eg Kenya, Mozambique

- CROSS-CUTTING issues:

- Incentivise private & community sectors (range & numbers)
- Increase value of rhinos:
 - Better regulated hunting industry.
 - Explore possible trade in rhino horn &/or rhinos (detailed cost-benefit analysis of different scenarios with other alternatives)