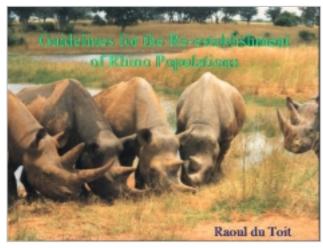
2 PRESENTATIONS

(a) Presentations by SADC Rhino Consortium Members

2.1 Rhino Reintroduction Guidelines: Part II (Raoul du Toit)





INTRODUCTION

Looking at strategic planning issues Not translocation and release procedures Recommendations are made on the ideal scenario This is rarely, if ever, achievable. Compromises and variations are inevitable, within limits

VIABILITY/SUSTAINABILITY

Biological

Genetic

Demographic

Ecological

Economic

Covernment support

Donor support – from general or specific sources (trust arrangements?)

Land-use

Socio-political Policy and legal framework

> Conducive social environment (cultural attitudes, standards of living, law enforcement, external influences, general stability)

GENETIC ISSUES

Need an adequate number of founder animals

i.e unrelated

effective breeders

20 is the currently recommended minimum

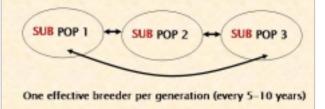
Build up to a total population of over 100

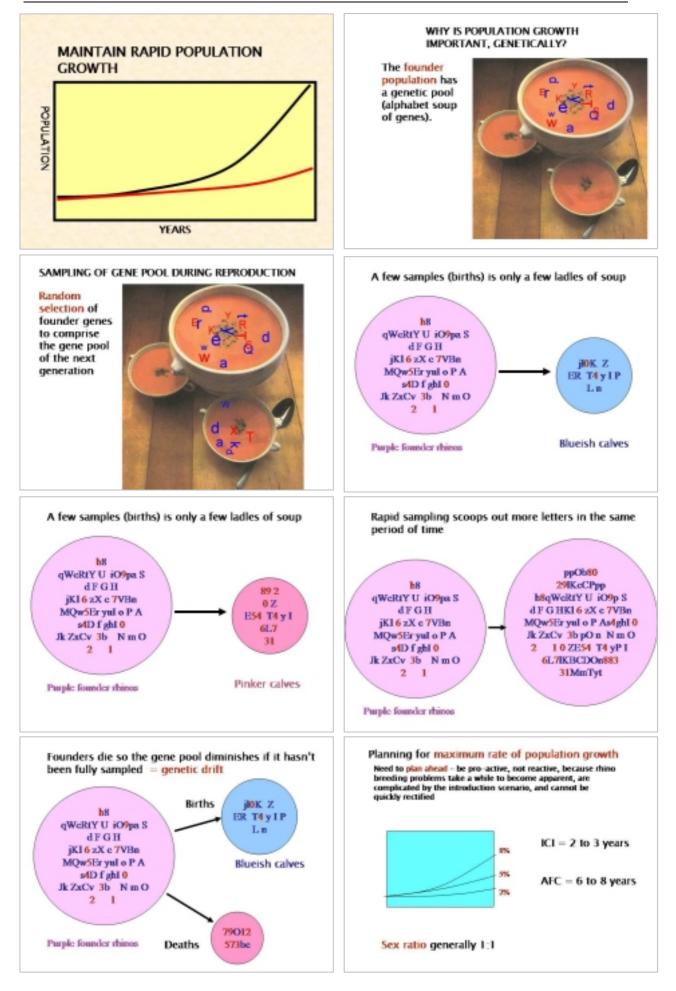
So need adequate area of suitable habitat

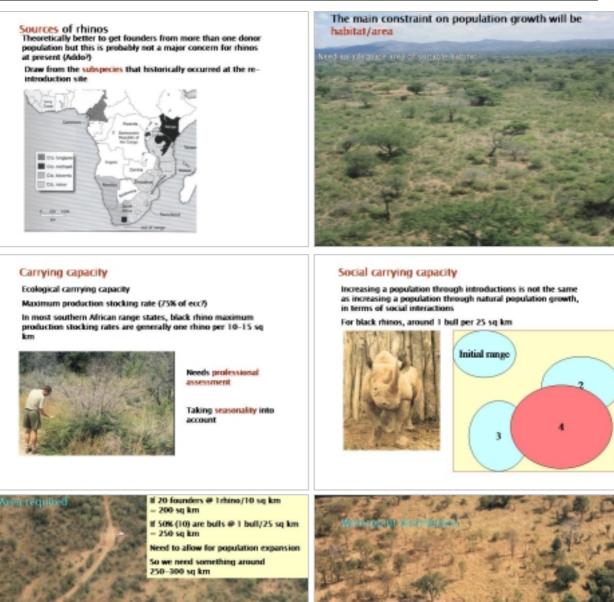
Or manage within a metapopulation that has at least one other subpopulation of over 100

METAPOPULATION Is not just the various populations within a region

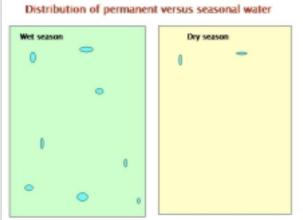
There has to be a degree of managed gene flow between subpopulations





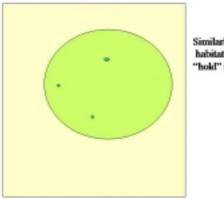




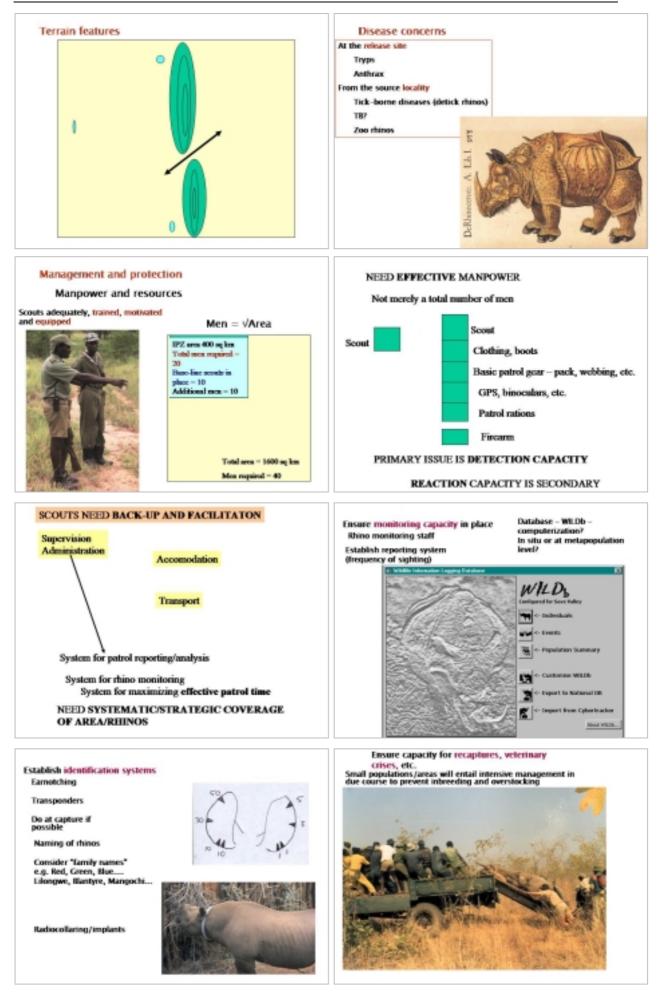


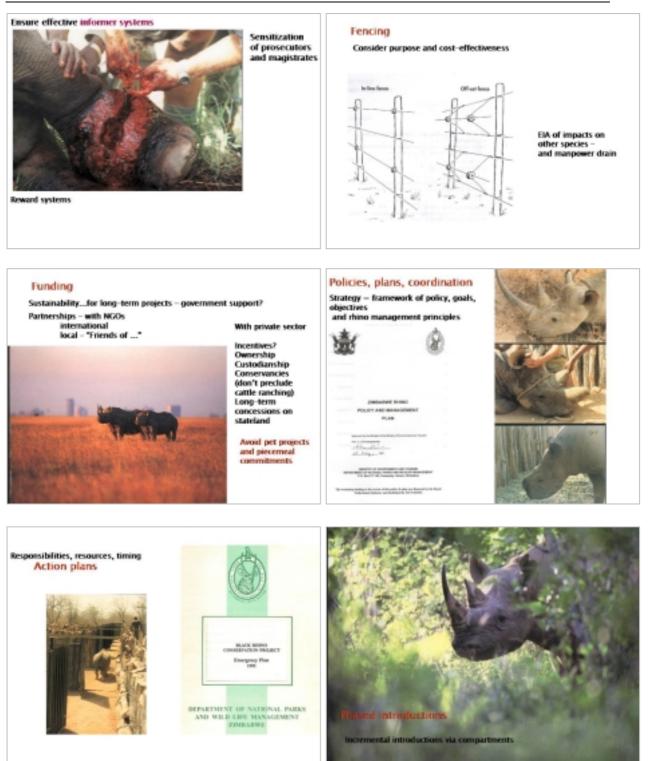
"Holding effect" of waterpoints

Relates to social organization And poaching patterns



Similarly, patches of habitat (thickets) can "hold" rhines





Discussion

- Mr Theophilus stressed the need for inclusion of guidelines on reward schemes, disincentives and deterrence of poaching, and information on prosecution and securing convictions.
- Mr Kingengo asked that the costs of rhino re-establishment be addressed and if possible estimated
- Dr Emslie said that detection of illegal activity, including detection of carcasses and the deterrent effects of tourists and roads was a very important factor in rhino security.