

Ideal knowledge situation
26/07/2005 - v15

① **All key sites during breeding, migration and wintering are known**

- Limited capacity in some countries
- Difficult access
 - Distance
 - Weather
 - Terrain
- Incomplete knowledge bibliography
- Technological limitations
 - Ringing ineffective
 - Satellite expensive

② **All key breeding, staging and wintering areas covered by surveys**

- Each sites covered by teams
- Limited capacity in some countries
 - Equipments
 - Trained people
 - Funds

③ **Ecological bottlenecks**

- Site preference (roosting and feeding areas) understood
- Phenology and its relations to weather conditions
- Ecological impacts of water level, climate, agriculture, etc.
- Factors determining breeding success and survival rates
- Food availability
- Caused by limited research on the ecology of the species
 - Funding
 - Capacity
 - There is no shared research plan
 - Access to specialised information e.g. hydrology, agriculture

Key population parameters known

- Age structure
- Breeding success
- Survival rates
- Population size
- Brood size
- See causes above

Movements are known

- How?
- Why?
- Individual examples available
- See causes above

Threats identified and regularly monitored

- On-going threats
 - Capacity for monitoring
 - Access to data
 - Understanding ecological bottlenecks
 - Difficulties with quantifying some of the threats
 - Understanding of land managers
 - Protocols
- Predicting potential threats
 - Availability of case studies
 - Knowledge of likely changes
 - Access to information

Consistent data gathering methodology across the countries

- Shared database
 - Resources
 - "Ownership" of data
 - Conceptual design
- International coordination
 - Exists only in the wintering area
 - Kazakhstan, Azerbaijan and Russia is not yet included
 - It is only in the early phase
 - Access to resources
 - No clear guidance how to run the working group
 - Continuity
 - There is one coordinator for each country
- Lack of standardised methodology
 - Data collection
 - Interpretation
 - Survey design
 - Scope
 - Response measures recorded
 - Difficulties with synchronising counts
- Available information is regularly disseminated