

ITSAP Workshop for DGCA:

The Management of Wildlife Hazards at Aerodromes



Australian Government

Civil Aviation Safety Authority

What is ITSAP?

**Indonesia - Transport - Safety -
Assistance - Package**

What is ITSAP?

- An MOU between Australian and Indonesian Governments for transport safety training and support
- Commenced in May 2007
- Initial Australian Government funding: \$24 million (2007 – 2010).
- New funding \$14.5 million (2010 – 2014)

What is ITSAP?

Scope:

➤ Road

➤ Marine

➤ Aviation

What is ITSAP?

Aviation contributors:

- Australian Transport Safety Bureau
- Airservices Australia
- Civil Aviation Safety Authority
- Department of Infrastructure & Transport



The Republic of Indonesia

- Republic of 33 provinces
- 13,466 islands
- 238 million people
- World's 2nd highest level of biodiversity

Indonesian Aviation

- Approx 48 airlines
- Approx 185 airports with ICAO identification (8 international airports)

Indonesian Aviation

Airport Responsibility divided between:

- Directorate General of Civil Aviation (DGCA)
- Angkasa Pura I
- Angkasa Pura II

The Indonesian wildlife challenge...

The Indonesian wildlife challenge...

Lesser Adjutant (stork)



White faced Herron

The Indonesian wildlife challenge...



Feral dogs

Monkeys



The Indonesian wildlife challenge...



Boars

..... & humans

Workshop Training Objective

To enhance the knowledge of the DGCA in
the management of Wildlife Hazards at
Aerodromes

Personal Objective

....To observe how a different state has adopted the ICAO recommendations for Wildlife Hazard Management

Workshop Training Topics

- ICAO requirements
- Wildlife Monitoring
- Reporting
- Wildlife Hazard Assessment

Training Topics

- Wildlife Risk Mitigation
- Wildlife Management Plans
- Integration with Safety Management System principles (SMS)

Key themes...

➤ Monitoring strategies



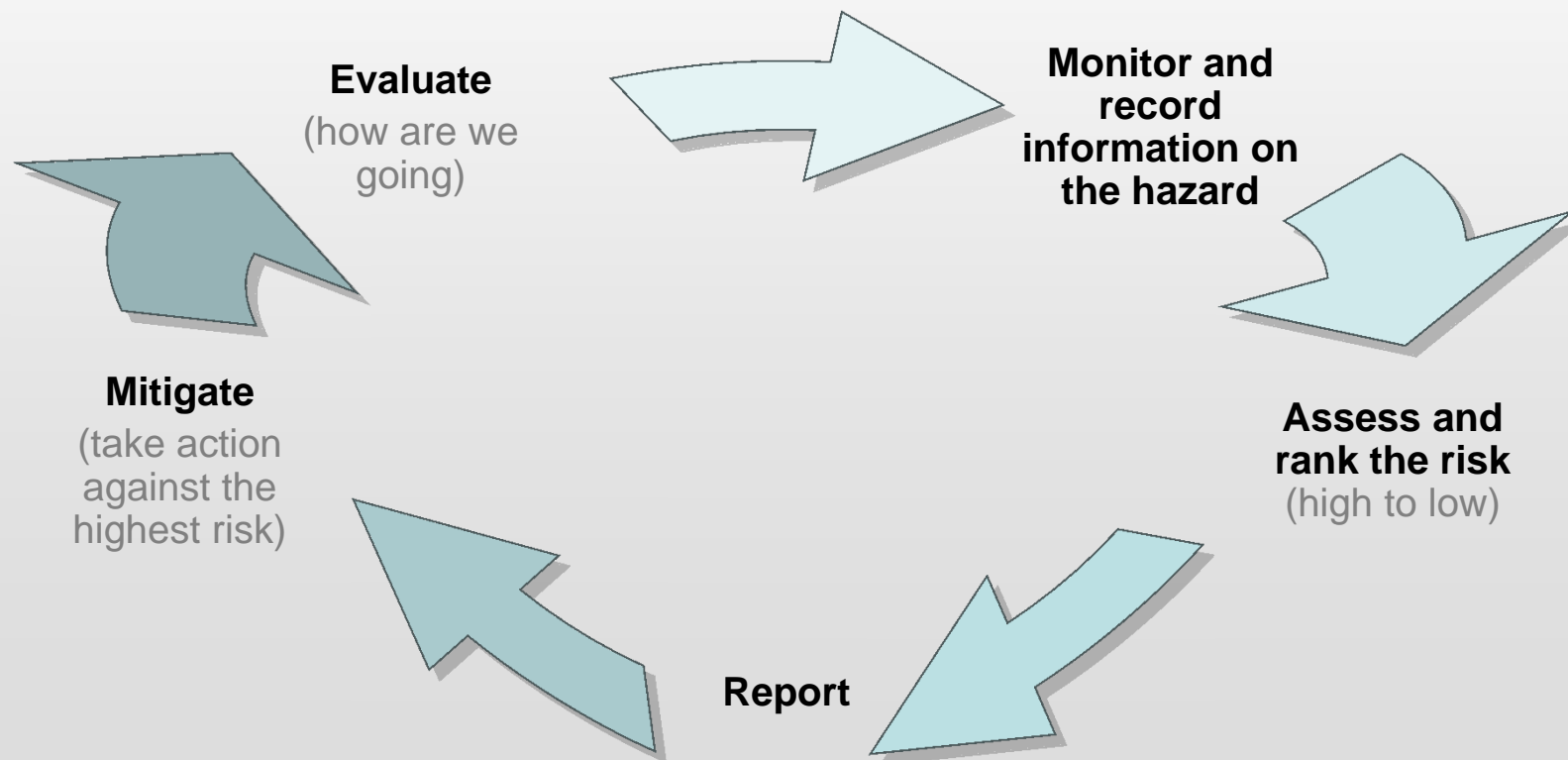
➤ Assessment and ranking of wildlife hazards

Key themes...

- Proactive vs. Reactive Mitigation
- Integrated mitigation strategies
- The importance of reporting and documentation

Key themes...

One suggested approach:



Adoption of ICAO Requirements



SAFETY

The state in which the possibility of harm ... is reduced to, and maintained at or below, an **acceptable level...**

ICAO SMM

SYSTEM

A system is an organised & highly integrated collection of parts that accomplish an overall goal



SAFETY COMMUNICATION

The operator shall “develop and maintain formal means for safety communication...”

ICAO SMM

SAFETY COMMUNICATION

In Australia...

- National Consultation - AAWHG
- Local Consultation - Airports and their surrounding communities

SAFETY COMMUNICATION

Australian Aviation Wildlife Hazard Group (AAWHG)



Summary...

QUESTIONS?