

Aviation Systems Planning

**Structure & Application in the
Developing World**



Victor Craig

President & Director of Aviation

Leading Edge Aviation Planning Professionals

Aviation Systems Planning

- Rationale
- Context
- Approach
- Structure



Aviation Systems Planning

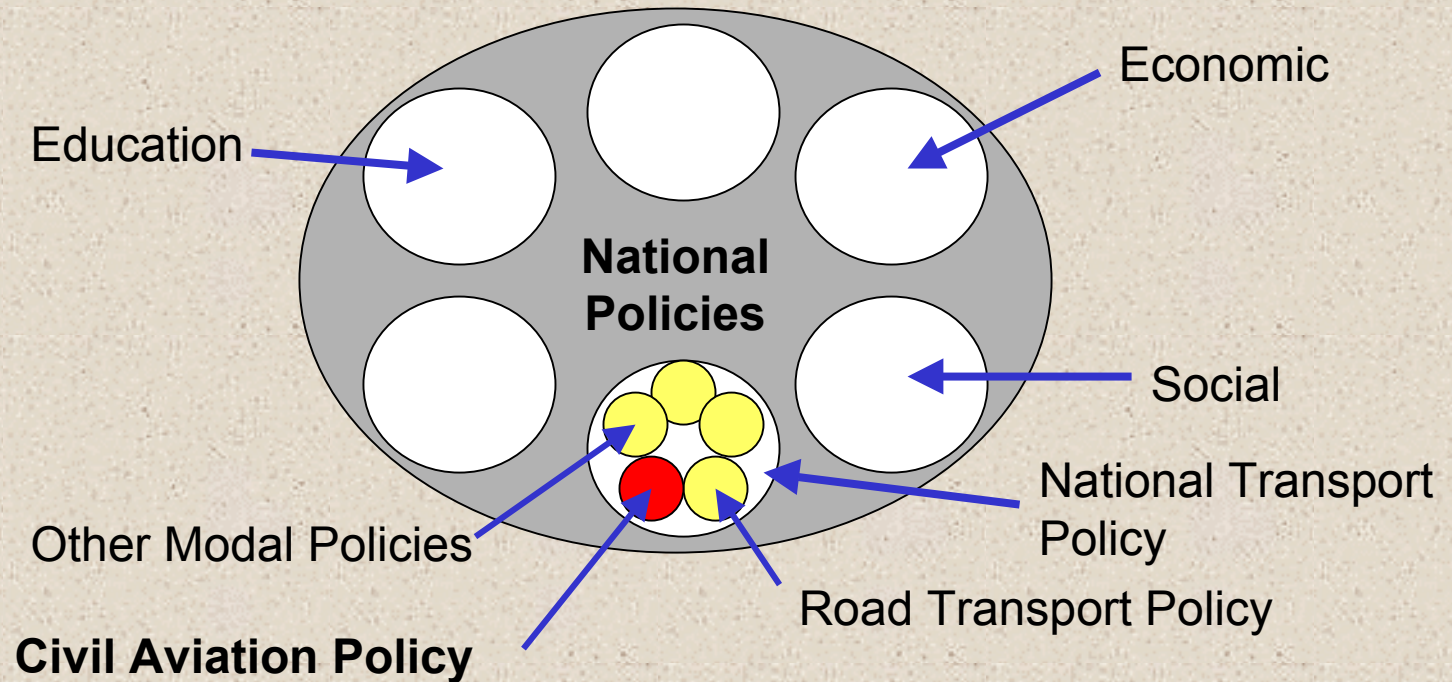
Rationale - Why do we do this?

- Promote orderly, justifiable & cost-effective development of air transport
- Promote aviation safety & compliance with ICAO SARPs.
- Apply rational and prioritised capital programmes
- Provide guidance for investment by Aid Agencies & Private Sector



Context

Aviation Systems Plans -
nested within national policies





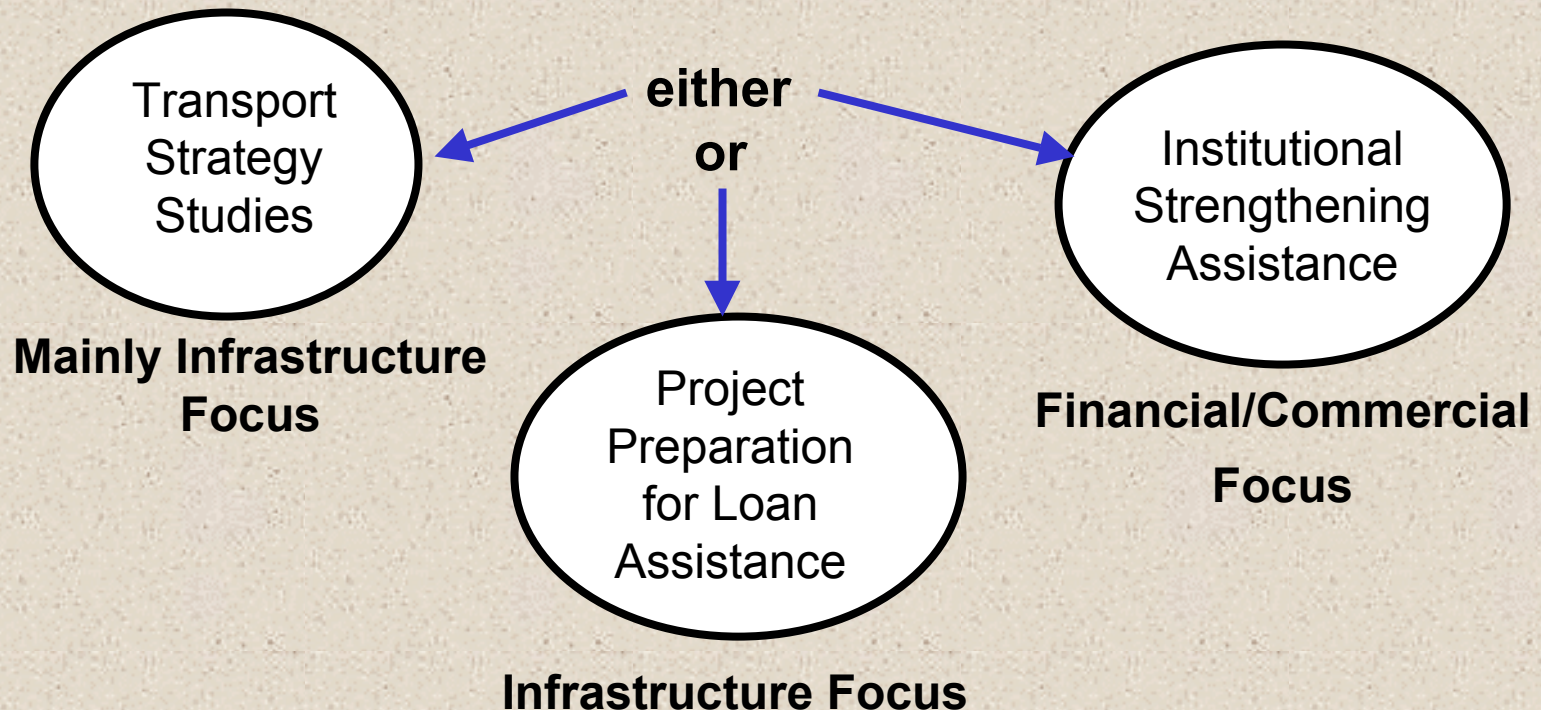
Structure & Approach to Aviation Systems Planning

Points to consider

- No single authoritative approach
- Role of Regional Banks
- Role of Bilateral Aid Agencies
- Approach developed by ICAO

Role of Regional Development Banks & Multi-lateral Aid

Aviation Planning Carried out as Technical Assistance Projects



Role of Bilateral Aid Agencies

Procurement, Engineering, Construction

- Provided by National Aid Agencies - USAID, JICA, CIDA, ADAB, etc.
- Aid normally “tied”
- Funding for airport development & equipment procurement/installation
- Projects reflect donor interests & priorities
- Equipment incompatibility issues
- Maintenance & spares problems

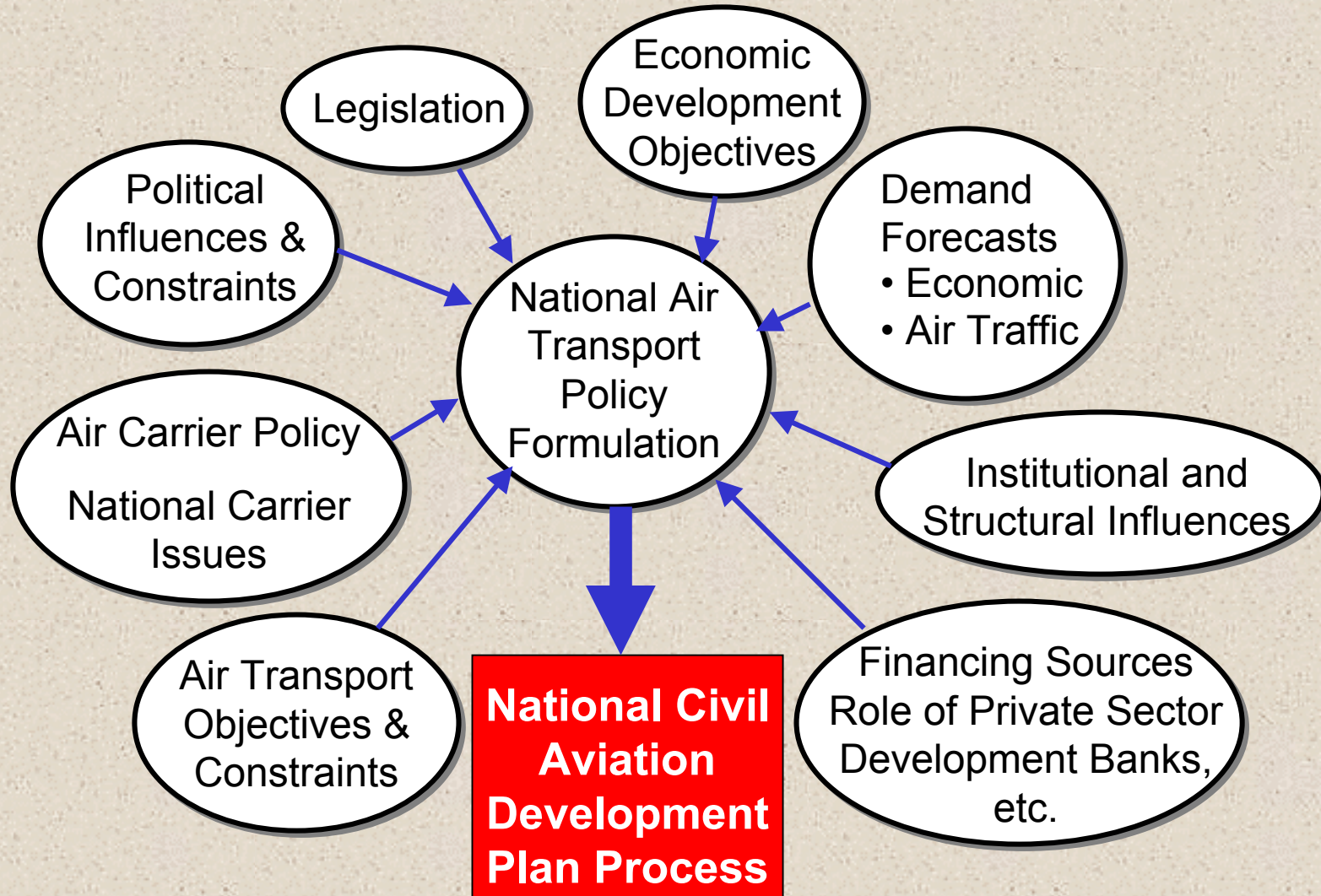


The ICAO Approach

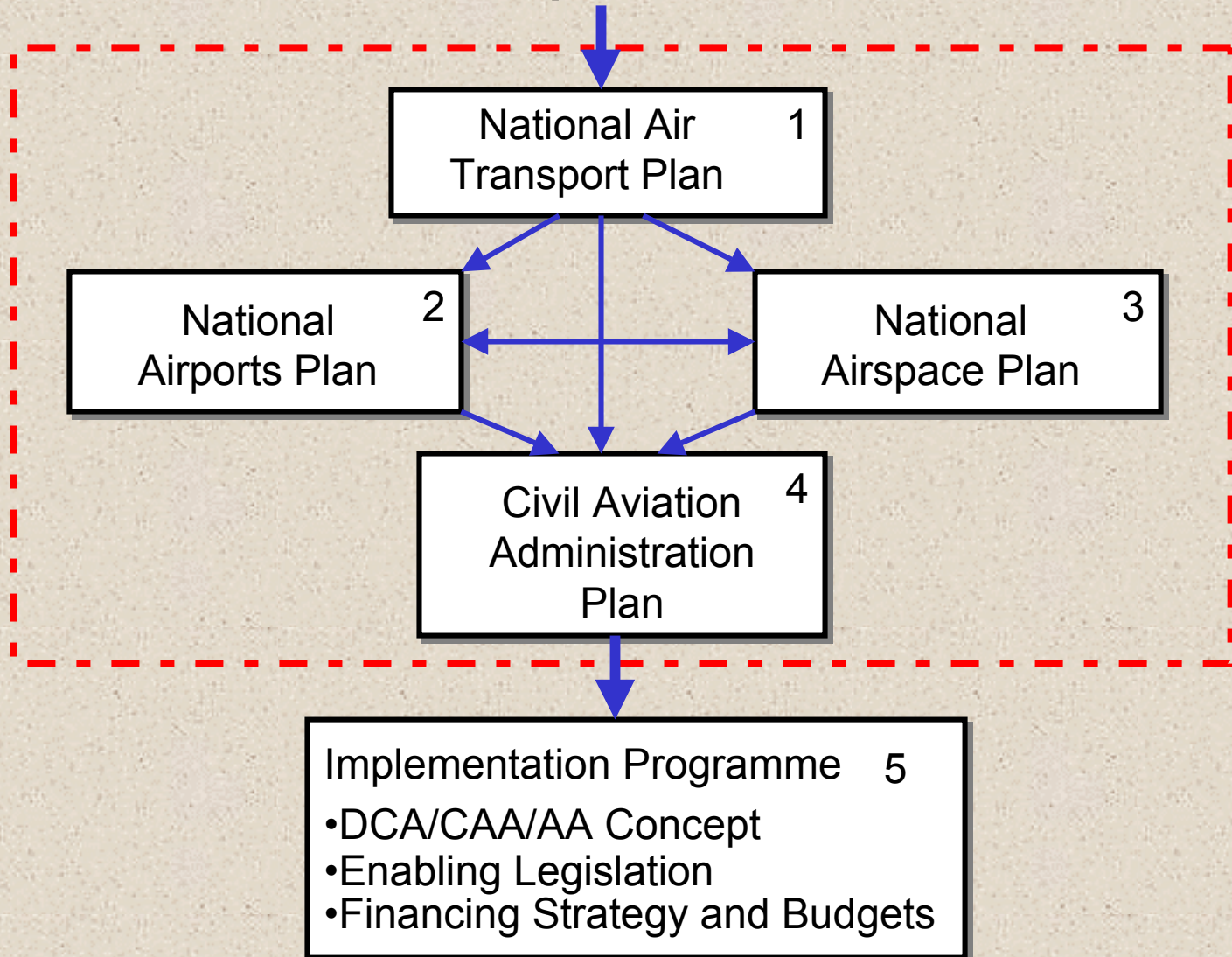
- Originated in 1989
- Comprehensive examination of needs & priorities
- Developed concept of National Civil Aviation Development Plan
- Applied by ICAO in several countries



ICAO Approach Based on Defining National Air Transport Policy



ICAO National Civil Aviation Development Plan



Aviation Systems Planning

In Conclusion...

- Vital framework for air transport development
- Assist developing nations focus funding on priority requirements
- Provide guidance to external funding in assigning project priorities
- ICAO comprehensive approach should be adopted more widely

