

Civil Aviation Authority of Nepal





Civil Aviation Authority of Nepal

Progress Review

An Inter-action with Media Partners

28 Dec. 2016 (13 Paush 2073)

Civil Aviation Authority of Nepal

(A Multi-Disciplinary, Autonomous Organization)



Main Outlines

- Introduction
- Objectives
- Looking Back to Fiscal Year 2072/73
- Policy and Program for 2073/74
- Progress in 1st Quarter of 2073/74
- Works in Progress
- Planning For the Future
- Way forward

Responsibilities and Functions of CAAN

- **A. Regulatory Functions:**
- To ensure safety and air transportation to comply with the safety standards promulgated by International Civil Aviation Organization.
- To issue Air Operator Certificate (AOC) to Airlines Operators.
- To inspect, monitor and improvement in flighty safety and Aviation Security
- To issue competency based prescribed licence, rating and certificate to Pilot, Engineer, ATS and other technical personnel.

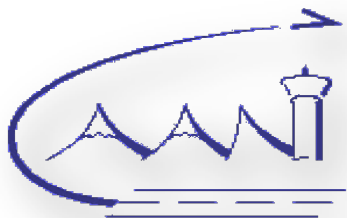
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- **B. Service Provider Functions:**
- Feasibility, consultation, construction, operation and maintenance of airports and other infrastructures along with passenger facilitation service.
- Operation and management of airports.
- Provide ANS services for safe, reliable, efficient and smooth air transportation

Contd...

- **C. International Responsibilities:**
- To enforce guidelines and (Standard and Recommended Practices) of ICAO
- To implement the Air Service Agreement
- To co- ordinate with different national and international organizations for flight safety and aviation security.
- To ensure proper sources and utilization of grants, loans for infrastructure development.
- To co- ordinate with different agencies and stakeholders for smooth airport operation and facilitation.

Organization Structure of CAAN



Civil Aviation Authority of Nepal

Board of
Directors

National Civil
Aviation Security
Committee

Director General

Civil Aviation
Safety Reg.
Directorate

- ANS Safety Stds Dept.
- Aerodrome Safety Stds. Dept.
- Flight Safety Stds. Dept.
- ICAO, Intl. Affairs & Legal Dept.
- Safety Mgmt. Division
- Air Transport Division

Air
Navigation
Services
Directorate

- ATM Dept.
- Domestic Airport and Facilitation Dept.
- Com. & Nav. Aid Dept.
- CNS Planning & Dev. Dept.
- AIM Dept.
- Domestic Airports

Aerodrome
Operation
Directorate

- Aerodrome Eng. Dept.
- Rescue and Fire Fighting Dept.
- Electro Mechanical Dept.

Corporate
Directorate

- Corporate Planning & Moni. Dept.
- Human Resource Department
- Asset Mgmt Div.

TIA-Civil
Aviation
Office

Aviation
Security
Department

Administration
Department

Civil
Aviation
Academy

Finance
Deptment

Internal Audit
Department

Bilateral Air Services Agreement

No of countries having MOUs/ASAs 38

As per ASA between Nepal and India, there is provision of unlimited frequencies of flights by any type of fleet.



International Air Transport

Country	Airlines	Country	Airlines
Nepal	3	Qatar	1
India	3	Oman	1
Bhutan	2	South Korea	1
China	4	Hongkong	1
Thailand	1	UAE	3
Bangladesh	3	Turkey	1
Malaysia	3	Singapore	1
		Total	28

Domestic Air Transport

Domestic Air Transport

■ Schedule Airline Operators (7)

- Nepal Airlines
- Yeti Airlines
- Buddha Air
- Tara Air
- Simrik Airlines
- Sita Air
- Goma Air

■ Charter Air Operators (3)

- Air Kashthamandap
- Makalu Air
- Saurya Airlines

■ Helicopter Operators (9)

- Air Dynasty
- Shree Airlines
- Simrik Air
- Fishtail Air
- Mountain Helicopters
- Manang Air
- Prabhu Helicopters
- Altitude
- Heli Everest

■ Recreational Aviation (3)

- Avia Club
- Pokhara Ultralight
- Fishtail Ultraflights

Objectives of The Program

- Review Activities of Past
- Achievements in 2072/73
- Budget Policy of F/Y 2073/74
- 1st Quarter Progress
- Steps for the Future

Major Two Challenges Handled during Last 2015/2016 in Co-ordination With Stakeholders

- Turkish Air Accident
- Earthquake

Turkish Airlines' Accident



Passenger Traffic Impact Due Earthquake of 25 April 2015



Historical Records of TIA

- **24 Hour Airport Operation**
- 24 Hour Airport Operation for the First Time on 25 Nov. 2014. Continued till 28 Nov. 2014
- After Turkish Air Incident- 7 to 12 March 2015
- After Disastrous Earthquake of 25 April: From 26 April to 4 May 2015
- More than 10500 flights in May 2015

Looking Back to 2072/73

- Major Achievements in the F/Y 2072/73 were as follows:
 - Black topping at Phaplu, Rumjatar and Bajura Airports
 - Approval of ADF Directive 2073
 - Diversion of Gharga Khola at Gautam Buddha Airport and Commencement of Project for International Airport
 - Land Acquisition for Pokhara International Airport and Loan Agreement between GoN and Govt. of China, as well as subsidiary Loan Agreement between CAAN and Ministry of Finance.

Contd...

- Concrete Demarcation of Boundary proposed for SIA
- Installation of MSSR at Bhattedanda and Multi- Sensor Radar Data Processing System (MSDPS) at TIA
- Establishment of RCAG East in Biratnagar Airport
- Installation of One Man Positioned ATC Tower Console at Taplejung, Khanidanda, Bajura Airports and Test Console at Radio Workshop
- Installation of Meteorological Test Lab
- Improvement, Upgradation and Maintenance of Communication, Navigation and Facilitation equipment at different Domestic Airports.
- Approval of ATS Operational Manual of Pokhara, Janakpur and Nepalgunj Airports

Installation of RCAG East



Contd....

- New Obstacle Limitation Surface (OLS) of Simara Airport
- Inter-action on RNP AR Right Turn Missed Approach at TIA and publication of the information in AIP
- Approval of New ATC On-the Job Instructor (OJTI) Selection Procedure Document
- Publication of New (6th Edition) AIP of Nepal, 2015.
- Publication of New Edition (4th Edition) Aeronautical Chart Scale 1:500,000 (2015)
- AIS Publication made available in CAAN website (www.caanepal.org.np) as eAIP.
- Reproduction of AIP Nepal, 2015 including latest Amendment 2016, Valid Supplement and Valid AIC.

Contd...

- Rescue and firefighting facilities in Nepalgunj Airport with latest large foam tender
- State of the art Ultra High Pressure System (UHPS) fire fighting vehicles for Lukla and Surkhet Airport.
- Installation of Solar Led Street Lights at Biratnagar and Nepalgunj Airports.

Contd...

- Off-site validation of PQs of Critical Elements in March 2016
- ANS Safety Audit at TIA, Nepalgunj, Bharatpur, Bhairahawa, Janakpur, Biratnagar, Chandragadi
- MOU between CAAN and DHM
- Aerodrome Certification of TIA
- Safety Awareness Program
- Submission of Draft Civil Aviation Act 2073 to MOCTCA

Contd...

- Counselling service for NFRS Documentation
- Study for the implementation concept of Computerization and MIS System
- 172 trainees were trained on Professional courses by CAA.
- More than 600 personnel participated in training/seminar conducted by National and International Institutions
- 51 employees promoted by means of Internal Performance Evaluation

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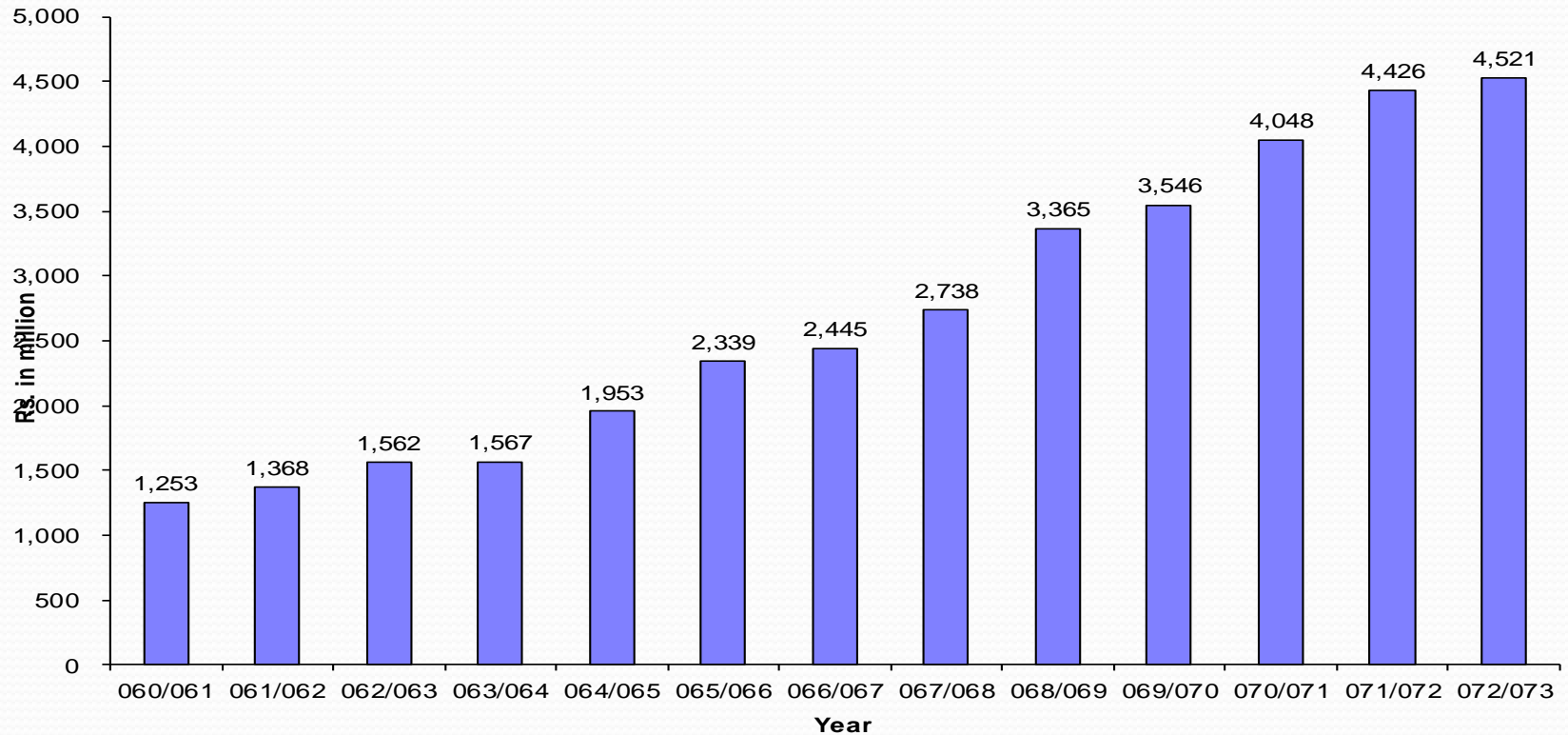
- 11 persons appointed in contract basis whereas 6 persons appointed as flight safety specialists.

Safety Awareness Programme



Revenue Trend (CAAN Source only)

Revenue Trend from 2060/061 to 2072/073



Major Works Performed / Achievement during 2072/73 TIACAO

- Construction of Annex Domestic Terminal Building
- Wi fi facilitation at Departure Immigration, Security area, and sterile hall
- Beautification of Arrival / Departure Lounge in phasewise.
- Decoration of Int'l Arrival/ Departure Lounge by Different Artistic Boards which depicts the Art, Culture, Nature and Historical/ Touristic Importance of Nepal
- Operation of Multi-Mode Threat Detector

Contd...

- Replacement and Operation of Baggage Handling System
- Installation and Operation of Baggage Lifting System
- Carpeting at Int'l Arrival
- Arrangement of Additional Alloy Based Standard Waiting Chairs
- Improvement of Lighting System at Car Parking Area

Contd...

- Additional 1000 KVA Generator
- Improvement in Airfield Lighting System
- Annex Fire Building under USAID

Annex Domestic Terminal Building



Beautification



Beautification



Beautification



Prints Depicting Nepalese Culture



Carpeting at TIA Arrival Immigration Area



Review of Fiscal Year 2072/73

CAAN

S.N.	Status
Approved Budget in NRS.	25,92,76,00,000
Total Revenue in NRS (including Grant, Loan, Share)	10,16,36,00,000
Total Expenditure in NRS	6,85,87,00,000
Physical Progress	43.20 %
Financial Progress	31.014 %

Policy and Program for 2073/74

- Policies and programs have been delineated as per following guidelines:
 - 1. Aviation Policy 2063
 - 2. Provisions made in Thirteenth and Fourteenth Plan of GoN
 - 3. Civil Aviation Authority of Nepal Act 2053
 - Guidelines provided by Mgmt. Committee and Board of Directors
 - Feedback from Programs completed in previous Fiscal Year.
 - Analysis of Projects run under Foreign Aided Projects

Approved Budget for F/Y 2073/74

आय तर्फ		व्यय तर्फ	
आम्दानी :	४ अर्ब ६३ करोड ५७ लाख	पुँजीगत खर्च :	२७ अर्ब ३५ करोड ४० लाख
विमानस्थल विकाश शुल्क	१ अर्ब ८४ करोड	कार्य संचालन खर्च :	३ अर्ब ४७ करोड ५४ लाख
ऋण/शेयर/अनुदान :	१९ अर्ब ९० करोड ९६ लाख	भैपरी खर्च :	१ करोड
जम्मा :	२६ अर्ब ३८ करोड ५३ लाख	जम्मा :	३० अर्ब ८३ करोड ९४ लाख
नेपाल सरकारबाट प्राप्त हुनुपर्ने :	६८ करोड ४० लाख	साबाँ/ब्याज भुक्तानी :	२९ करोड ४३ लाख
नेपाल वायुसेवा निगमको आसामी	७ करोड २८ लाख	आवास व्यवस्था	३८ करोड ३५ लाख
		लाभासं :	१ अर्ब ४७ करोड ६२ लाख
जम्मा आम्दानी	२७ अर्ब १४ करोड २१ लाख	मु.अ.कर :	१ अर्ब ७९ करोड ६७ लाख
		कर्मचारी बोनस	५३ करोड २७ लाख
		वायुयान संचालन कोषको नन्अपरेटिभ खाता	५० करोड ६८ लाख
		विमानस्थल विकास कोष खाता	१ अर्ब ३५ करोड ३० लाख
		स्थिर सम्पत्ती प्रतिस्थापन कोष	४१ करोड ४६ लाख
२०७३ श्रावणको शुरु बैक मौज्दात :	१० अर्ब ६५ करोड ९९ लाख	आयकर व्यवस्था	९ करोड १५ लाख
जम्मा :	३७ अर्ब ८० करोड २१ लाख	जम्मा :	३७ अर्ब ६८ करोड ८८ लाख
खुद बचत :	११ करोड ३३ लाख		

Major Achievements in 1st Q.

- Blacktopping works of RukumChaurjhari, Mugu (Rara), Khanidanda and Taplejung airports
- Appointment of Personnel for Land Acquisition at Different Airports
- Flight Inspection of CNS , Visual Aid and Procedure
- Insurance of Third Party Liability
- More than 75 employees participated in Training/ Seminar conducted by International Institutions
- 26 trainees trained on different professional courses by CAA.
- 82 employees permanently recruited
- Balance Sheet of CAAN of 2068/69 and 2069/70 Certified

Contd...

- Publication of Aviation Safety Report
- Visit of Combined Action Team (CAT) from ICAO APAC to evaluate Nepal's Progress in ICVM Findings.
- ANS Safety and Aerodrome Safety Audit conducted at TIA
- Co-ordination with India through Diplomatic channel for new air routes
- Review of ANS organization to implement SMS

Contd...

- Replacement of PAPI Lights (both sides) and flight inspection of them at Biratnagar and Nepalgunj
- Strengthening and Upgrading of power supply system at different airports.
- Installation of Constant Current Regulators (CCRs) and Automatic Voltage Regulators (AVRs) at different domestic airports.
- Installation and Operation of 150 kVA generator and 15 kVA generator at Gautam Buddha Airport.

Work in Progress

- Six new domestic airports are under construction in various parts of the country i.e. Kalikot, Argakhachi, Khiji-chandeshwori of Okhaldhunga, Shitaleshwor of Lamjung, Simichaur of Gulmi and Sukilumba of Ilam.
- blacktopping works are in final stage in Bhojpur, Ramichhap and Dolpa (Juphal) airports.
- Process of EIA and DPR for the construction of some new domestic airports and SIA.
- Additional 149 ropanies land is being acquired towards east side to provide secured aircraft operating environment in TIA

Contd...

- 107 ropanies of land required for Outer Peripheral Road for PRIA in acquisition process
- EOI for selection of Consultant is in process for SIA
- Work for the Prevention of Erosion by River and Construction of Temporary Site Office for SIA
- Additional Land Acquisition for GBIA
- Land Acquisition at different domestic airports
- Termination of Contractor and Review and preparation for remaining works under ICB 01 of ATCEP

Contd...

- Request to ICAO for Validation Mission to review SSC
- Three Years Business Plan of CAAN
- Review of TIA Master Plan
- Result of 41 advertisements for different vacant posts in final process
- Balance Sheet of 2070/71 is under the process of certification.
- Audit of the Balance Sheet of 2072/73 is at the final stage.

Contd...

- Commissioning Flight Check of TMSSR
- Replacement of Meteorological Equipment at Lamidanda, Phaplu, Simara, Pokhara airports
- Improvement of Communication and Navigational Aid facilities at different domestic airports
- Installation of ATC Tower Console at Nepalgunj and Thamkhark
- Airspace, Air route Review and Revision of PBN Implementation Plan
- Professional Training as per Training Calendar of CAA

Contd...

- Procurement of Medium Foam Tender for Pokhara
- Upgrading and Strengthening of Power Supply System at different domestic airports
- Upgrading of AGL at Nepalgunj and Biratnagar Aiport
- Installation of 125KVA Gen. Set at Nepalgunj

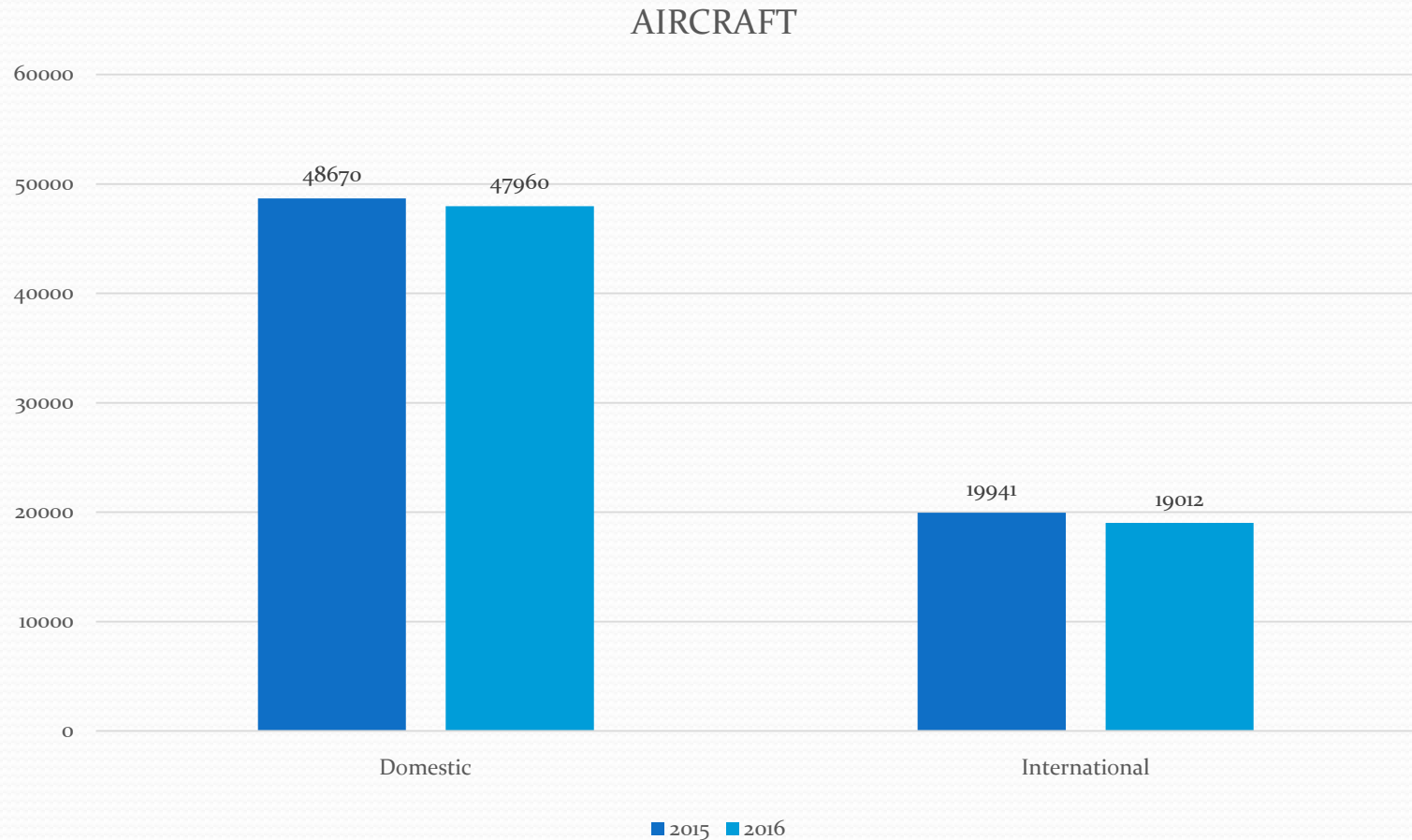
Major works in Progress at TIA

- Construction of Remote Parking Bay
- S.D.I. and Testing of Chiller at ITB
- S.D.I. and Testing of Baggage Handling System
- Extension of VHF Communication Coverage
- Fencing in Peripheral Area

Contd...

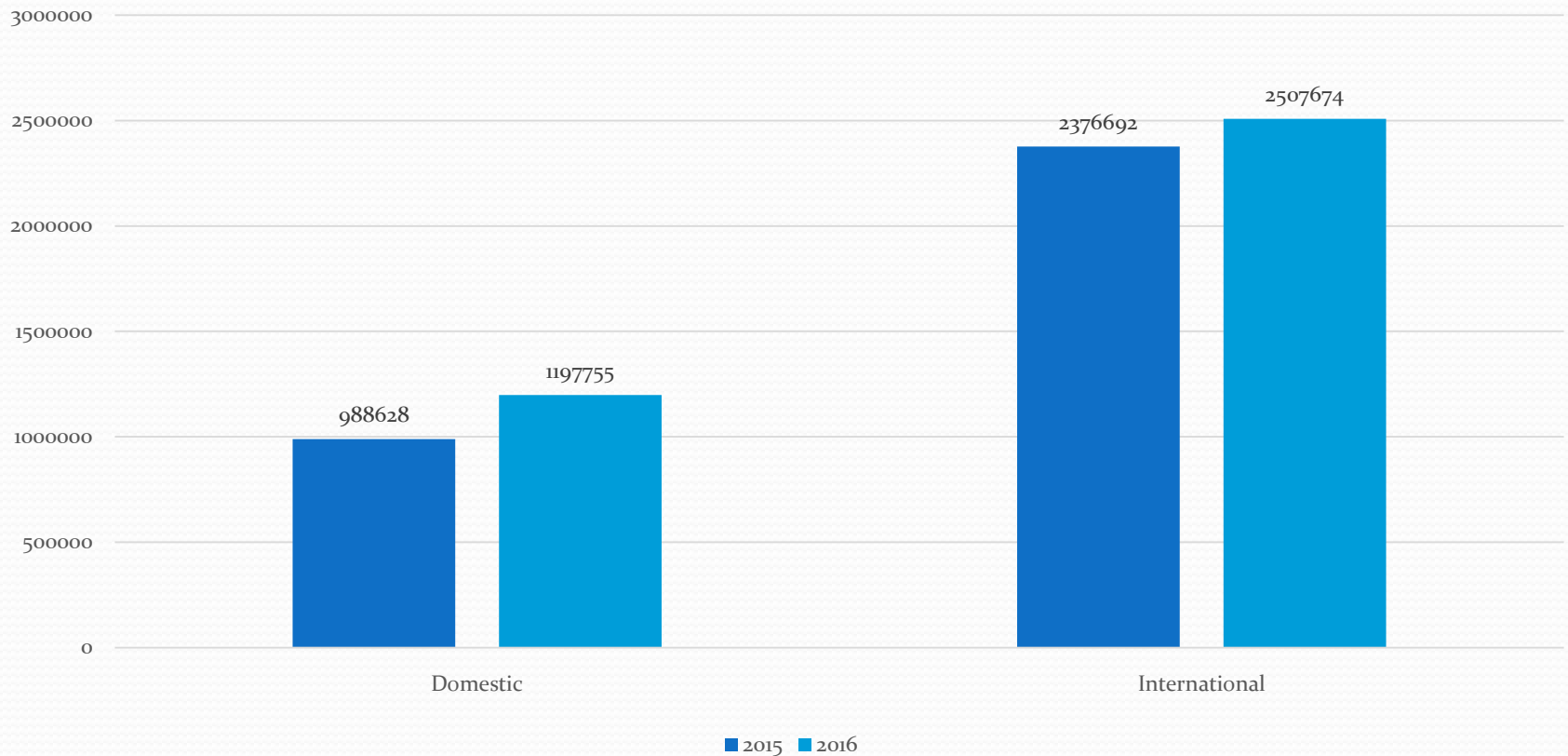
- Rehabilitation of Runway/ Taxiway
- Extension of Bay near Bay 1
- Rigid Pavement of Bay 4
- Maintenance of Bay 1,2,5
- Improvement of Water Supply System
- Addition of Departure Sterile Hall on Existing Terrace
- Beautification with Artistic Decoration

DATA COMPARISON FOR TIA (DOM/INT'L) OF 2015 AND 2016 [JAN – SEP]



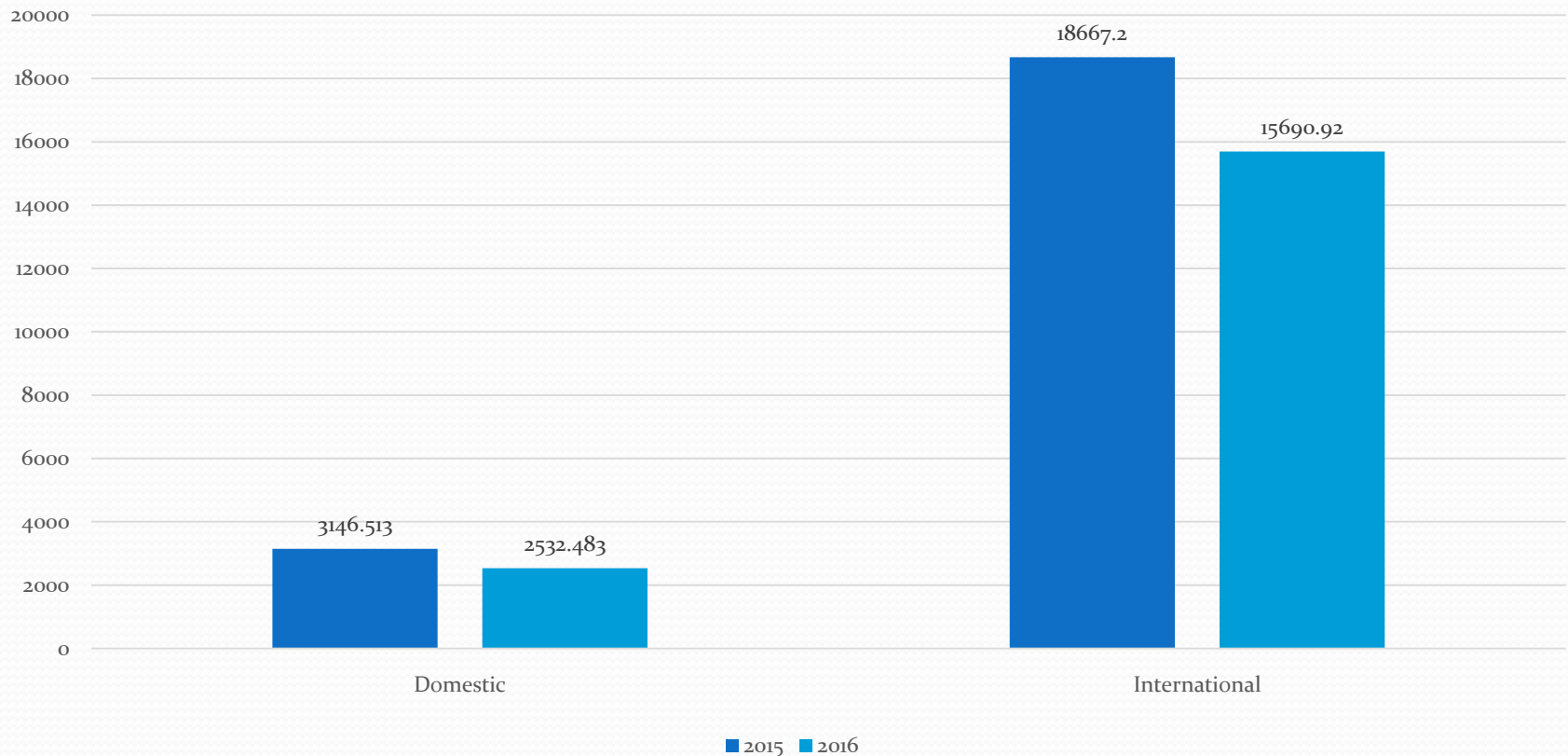
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PASSENGER



Contd...

CARGO (IN TONS)



Way Forward

❖ Working Together

- ✓ Driven by the notion to work hand in hand with all Stakeholders, Media Partners and well-wishers **to enhance Safe, Secure and Sustainable Air Transport System in Nepal.**





*Thank you for your
kind attention!*