

Airport Security and Facilitation Challenges in the new normal



Rising above these
Challenges



SSR INTERNATIONAL AIRPORT AT A GLANCE

- SINGLE GATEWAY FOR AIR ACCESS PLAYING CRUCIAL ROLE IN SOCIO ECONOMIC DEVELOPMENT
- AIRPORT CAPACITY OF 4.5 MILLION PASSENGERS ANNUALLY
- 3.9 MILLION PASSENGERS HANDLED IN 2019
- CONNECTED TO 10 OUT OF 15 MAJOR INTERNATIONAL HUBS IN EUROPE AND ASIA



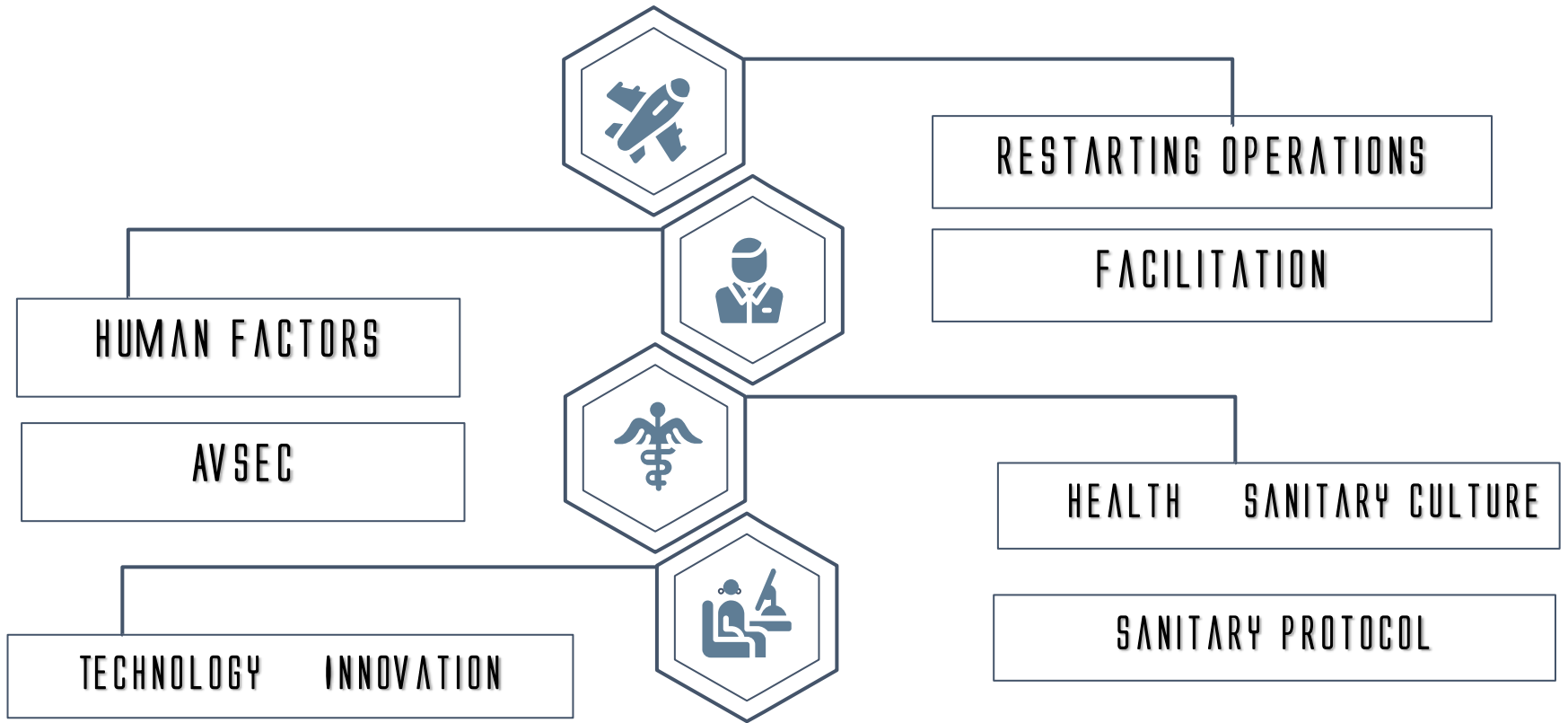


CURRENT OPERATIONAL STATUS

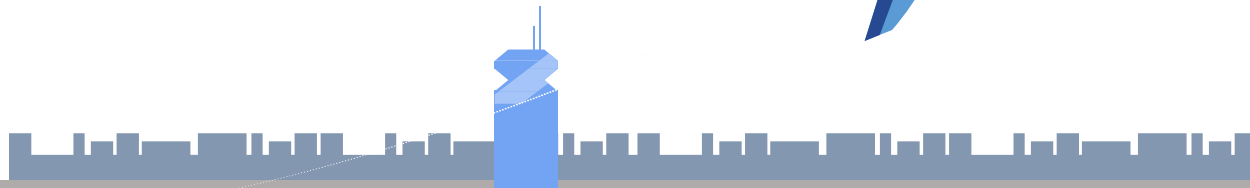
- AIRPORT FULLY OPERATIONAL AFTER NATIONAL LOCKDOWN
- RESUMED TWICE DAILY DOMESTIC FLIGHTS SINCE 1ST JULY 2020
- HANDLING OF HUMAN REPATRIATION, CARGO, AND MEDICAL EVACUATION FLIGHTS AS AND WHEN REQUIRED
- BORDERS ARE CLOSED FOR COMMERCIAL FLIGHTS



CHALLENGES



MAINTAINING A STRONG AVSEC SYSTEM





RESTARTING AIRPORT OPERATIONS

- MOVING FROM ABRUPT CLOSURE OF BORDERS AND TERMINAL TO RESTART OF OPERATIONS (UNCERTAINTIES ON VARIOUS ASPECTS) — BE BETTER PREPARED
- COMPREHENSIVE STUDY AND HEALTH RISK ASSESSMENT
- ENSURING ALL AIRPORT FACILITIES ARE RESTORED AVAILABLE
- IMPOSING STRINGENT SANITARY PROTOCOLS CONTROL MEASURES
- ACQUISITION DELIVERY OF PPE AND SANITARY MATERIALS
- MEETING ALL REGULATORY SECURITY, SAFETY AND FACILITATION REQUIREMENTS AT THE AIRPORT





RESTARTING AIRPORT OPERATIONS

- RE-ORGANIZATION OF PASSENGER FLOW PROCESS WITH TEMPERATURE STATIONS, PHYSICAL DISTANCING, PROVISION OF SANITIZERS
- BRAINSTORM ON BUSINESS CONTINUITY PLANS TO EFFECTIVELY ADDRESS FUTURE OF AVIATION
- RESTRAIN ACCESS TO PUBLIC ON LANDSIDE OF TERMINAL
- MANAGEMENT OF SECURITY/OPERATIONS PERSONNEL IN EXCESS OF SKELETON MANPOWER REQUIREMENTS





ADDRESSING THE HUMAN FACTORS

- FEAR OF SECURITY/OPERATIONAL PERSONNEL GETTING CONTAMINATED, STRESS OF LOSING JOBS/CLOSE ONES, STIGMATIZATION OF STAFFS AT WORKPLACE
- PREPARE TO UNDERTAKE CONTACT TRACING OF SUSPECTED CONTAMINATED STAFF
- RAISE CONFIDENCE OF PASSENGERS TO TRAVEL AGAIN
- RESTORING STAFF PASSENGERS' CONFIDENCE
- INCORPORATING HEALTH AND SAFETY AS KEY ELEMENT OF SECURITY FACILITATION
- ADOPTING SAFE AND HYGIENIC PRACTICES AND ENSURING FACILITIES ARE SAFE AND HEALTHY
- TRAINING MULTISKILLING DURING THIS DOWNTIME





ADOPTING THE HEALTH SANITARY CULTURE

- SECURITY CULTURE IS AN ESSENTIAL LINK IN IMPLEMENTING AVSEC
- CAPITALIZING ON THE HUMAN FACTOR THROUGH EXISTING SECURITY CULTURE TO BOOST CONFIDENCE
- EMBRACING THE RIGHT ATTITUDE TOWARDS A HEALTH SANITARY CULTURE
- EXTRAPOLATING BEHAVIOUR ANALYSIS CAPABILITIES FOR DETECTION
- SENSITIZATION RAISE AWARENESS
- CULTURE OF REPORTING —
"SEE SOMETHING SAY SOMETHING"





OBSERVING SANITARY PROTOCOL AT THE AIRPORT

- AIRPORT PROCESSES ARE HIGH CONTACT NATURE IN THEMSELVES — RISK OF PROPAGATION
- IMPLEMENTATION OF FOOLPROOF HEALTH SANITARY HYGIENE (CLEANING/SANITIZATION/DISINFECTION)
- TEMPERATURE READING, HAND SANITIZATION, FACE MASKS THROUGH ACCESS CONTROL/SCREENING POINTS
- ALL SECURITY/OPERATIONS STAFF HAVE UNDERGONE COVID RAPID TESTS
- MOVING TOWARDS HEALTH SAFETY INITIATIVES RECOGNITION BY EMBARKING ON ACI AIRPORT HEALTH ACCREDITATION PROGRAMME





OPERATION OF AN AIRPORT COVID LABORATORY (ACL)

- KEY RECOMMENDATION OF THE NATIONAL COVID COMMITTEE TO SET UP A COVID LABORATORY AT THE AIRPORT
- LAB LOCATED ON AIRSIDE SAMPLING AT TERMINAL
- OPERATE UNDER CLOSE SUPERVISION OF HEALTH AUTHORITIES
- NEGATIVE TESTED PASSENGERS CLEARED FOR ENTRY
- POSITIVE TESTED PASSENGERS TRANSFERRED TO QUARANTINE
- DIFFUSION OF USED SWABS AND SAFE DISPOSAL TO PREVENT CONTAMINATION
- REASSURE PASSENGERS AND STAKEHOLDERS
- MAURITIUS TAKING A LEAD BY IMPLEMENTING ACL





IMPLEMENTING AVSEC IN THE NEW NORMAL

- COMPULSORY WEARING OF MASKS V/S
FACE IDENTIFICATION — LOWERING OF MASKS
- PHYSICAL CONTACTS DURING BAG/BODY SEARCH — RISK OF
CONTAMINATION. CONTACTLESS PROCESSING
- REDESIGNING THE SET UP AT SCREENING CHECKPOINT
- REVIEW AIRPORT SECURITY PROGRAM SOP'S
- OPPORTUNITY OF CONDUCTING SIMULATION EXERCISE ON AIRCRAFT
SAFETY/SECURITY RELATED EMERGENCIES





INCORPORATING TECHNOLOGY INNOVATION IN AVSEC

- UVC SHORT WAVELENGTH LIGHTS FOR DECONTAMINATION OF PLASTIC TRAYS
- CENTRALIZED IMAGE PROCESSING WITH REMOTE SCREENING
- CTX CABIN BAGGAGE SCANNERS
- USE OF ARTIFICIAL INTELLIGENCE BIOMETRIC (IRIS) RECOGNITION FOR IDENTIFICATION
- CONTACTLESS SCREENING TECHNOLOGY
- MOBILE APP FOR CONTACT TRACING
- ACI SMART SECURITY VISION 2040





FACILITATION CHALLENGES

- INCREASED PROCESSING TIME DUE TO SANITARY CONTROL MEASURES
- INSUFFICIENT FLOOR SPACE RESULTING FROM PHYSICAL DISTANCING
- REQUIREMENT FOR ADDITIONAL SPACE FOR SEATING AT STERILE AREA
- REVIEW OF PEAK PASSENGER PROCESSING PER HOUR
- WILL PASSENGERS HAVE TO BE AT THE AIRPORT EARLIER?
- SETTING DESIGN CRITERIA FOR NEW FACILITIES —
TEMPERATURE TAKING STATIONS;
MASKS GLOVES DISTRIBUTORS
- PROCESSING OF TRANSFER PASSENGERS: MINIMUM CONNECTING TIME!





RESHAPING SECURITY AND FACILITATION GOALS

- ALL FINANCIAL FORECAST PLANS IMPACTED BY CLOSURE OF BORDERS
- NO REVENUE STREAMS WITH INEVITABLE COSTS
- STRICT CONTROL ON COSTS AND EXPENSES
- POSTPONEMENT OF CAPEX AND OPEX BUDGETS PENDING RECOVERY
- CONTINUOUS RISK/VULNERABILITY ASSESSMENTS TO IMPLEMENT PRIORITY CAPEX AS SAFETY AND SECURITY CANNOT BE COMPROMISED





MAINTAINING A STRONG AVSEC SYSTEM

- IMPLEMENTING RIGOROUS OVERSIGHT QUALITY CONTROL/ASSURANCE
- BOOSTING LANDSIDE SECURITY THROUGH RISK BASED APPROACH
- GEARING OUR EFFORTS TOWARDS MANAGING RELATED COLLATERAL RISKS
- REACHING AT THE RIGHT AVSEC/FACILITATION BALANCE BY ADJUSTING PROMPTLY ON CUSTOMER NEEDS TO MAINTAIN ENJOYABLE TRAVEL
- KEEPING ON CONTINUOUS INFORMATION SHARING AND UPDATES
- LOOKING FOR TEMPORARY ALTERNATIVE SOLUTIONS IN THE ABSENCE OF AVAILABILITY OF RESOURCES. FOR INSTANCE OVERSEAS SPECIALIST SERVICES.
- ACCOUNTING FOR ONWARDS HEALTH MEASURES THROUGH RISK ASSESSMENT OF HEALTH SANITARY CONDITIONS



SUMMARY – KEY LESSONS FOR IMPLEMENTATION OF SECURITY AND FACILITATION

- DEVISING OF CONTINGENCY PLANS TO ADDRESS ABRUPT TERMINAL CLOSURE
- VALUING HUMAN CAPITAL THROUGH TRAINING AS THE MOST PRECIOUS ASSET TO RELY ON AT FULL RECOVERY AT THE AIRPORT
- ENHANCING OF LANDSIDE SECURITY MEASURES
- EXTRAPOLATING SECURITY CULTURE TO EMBRACE HEALTH SANITARY CULTURE
- EMBARKING ON ACI AIRPORT HEALTH ACCREDITATION PROGRAMME
- ADVENT OF NEW TECHNOLOGY/INNOVATION IN CONTACTLESS PROCESSES
- OPERATION OF AIRPORT COVID LABORATORY FOR REASSURING PASSENGERS OF SAFE AND HYGIENIC PRACTICES
- MAINTAINING A STRONG AVSEC SYSTEM

RISE ABOVE THE CHALLENGES FACED IN THE NEW NORMAL

Challenges in the implementation of Airport Security and Facilitation in the new normal

Thank You



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