



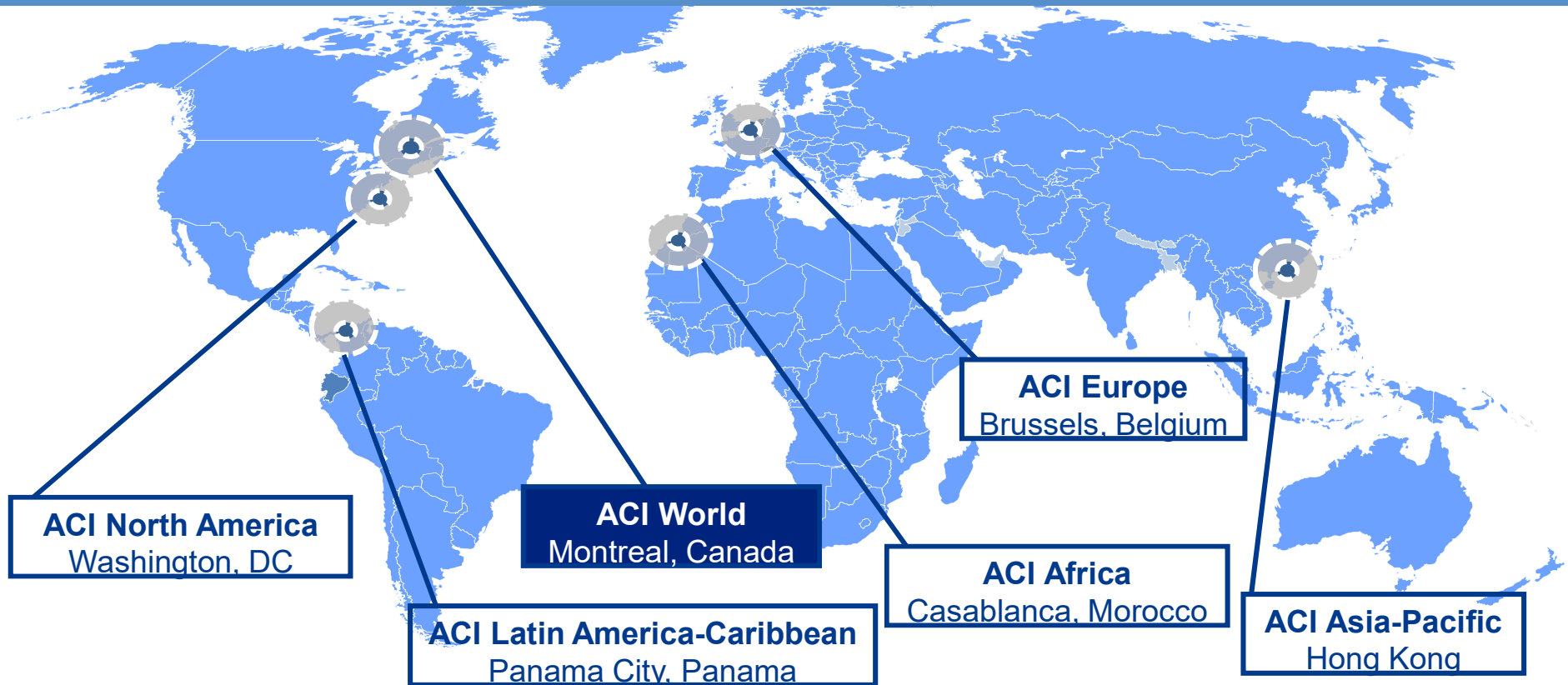
WORKING TOGETHER TO ENHANCE  
AIRPORT OPERATIONAL SAFETY

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APEX, in Safety Manager  
ACI, World

ICAO CAR/SAM Seminar-workshop on Aerodrome Certification for Regulators and Operators  
Ciudad de Panamá, Panamá, 23-27 October 2017

<http://www.aci.aero/APEX>

## ACI WORLD AND REGIONAL OFFICES



**Global Issues and Regulatory Bodies**

**Regional Issues and Regulatory Bodies**

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## ACI – Latin America & Caribbean

# 61

# Airport Operators

+270

# Airports



### Safety

- Support ICAO on Annex 14 through the Aerodromes Panel
- Work on Annex 19 through the Safety Management Panel
- Develop best practices for Aerodrome Safety



### ACI Developing Nations' Airports (DNA) Assistance programme

- Provides workshops, subsidized training and financial assistance for capacity-building activities for ACI members in developing nations
- Past seminar topics include Safety Management Systems, Security Quality Control and Airport Economics



### Security

- The ACI World Security Standing Committee provides technical and policy guidance (e.g., LAGs, human factors and innovation in technology)
- Task forces provide detailed guidance on issues such as next-generation screening and facilitation
- ACI is working with IATA on Smart Security. A joint paper to the ICAO Aviation Security Panel was well received



### Promoting Airport Excellence in Service Quality (ASQ)

ASQ is the world's largest airport passenger satisfaction survey

300 airports .- >400,000 passengers interviewed per year

34 parameters measuring passenger satisfaction with facilities and services provided

- Measuring passenger satisfaction is increasingly important for economic regulators



### Airport Environmental Sustainability

The ACI World Environment Committee provides technical and policy guidance to help airports maintain harmony with their communities

Reduce impacts of aviation re noise, emissions, air and water quality

Airport Carbon Accreditation programme certifies airport achievement in reduction of carbon output



### Airport Information Technology

- Optimizing the use of new technologies and protocols that achieve service improvements and cost efficiencies in airport processes

Identifying best pr

actices in the use of information and communication technology at airports

- Launched the ACI Airport IT Security Programme
- Participates at ICAO's MRTD





### Economics and Statistics

- World's largest coverage of airport traffic and economic data:
  - Traffic: 2,300 airports worldwide
  - Economics: 800 airports worldwide
- Customized, monthly and yearly traffic data reporting
- Traffic forecasting by country and world region



### ICAO Relations

- ACI seeks to build relations with ICAO at the Council, State and Secretariat and Regional levels
- ACI is a permanent Observer on the Air Navigation Commission
- ACI members and staff serve on ICAO committees, panels, working groups and task forces



## Global Training

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## THE NEED FOR AIRPORT EXCELLENCE IN SAFETY (APEX)

- ICAO Safety Audit Program (USOAP) results demanded an industry response
- APEX is ACI's response to the call-to-action to improve aviation safety worldwide
- Original Vision focused on supporting airports in developing countries with:
  - Compliance with international standards
  - Aerodrome certification
  - Safety Management System (SMS) implementations
  - Training and Capacity development
- Developed airports also recognized the opportunity and benefits of validating safety performance through peer reviews

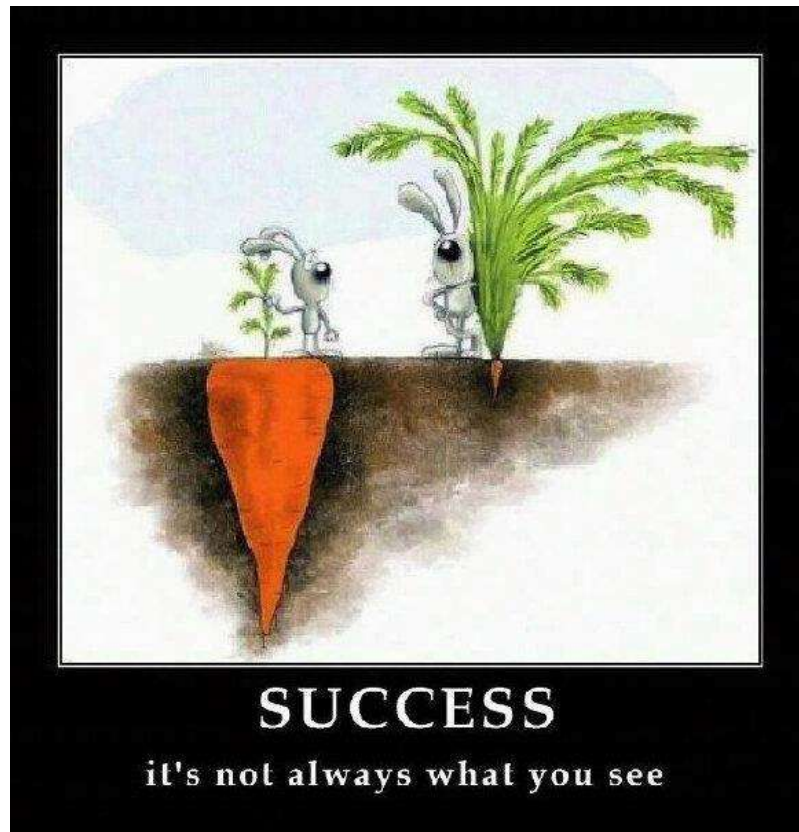
## AIRPORT EXCELLENCE IN SAFETY (APEX)

### Quick Facts:

- APEX was developed to support airports in identifying and mitigating safety vulnerabilities through peer reviews
- Provides guidance and facilitates improvements through mentoring, training and best practice exchanges to address identified gaps across entire operation
- Based on ICAO Annex 14 Standards and Recommend Practices (SARPS) and ACI Best Practices
- Cost recovery basis only, transportation and hospitality covered by Host airport and Safety Partners donate Safety Assessor time



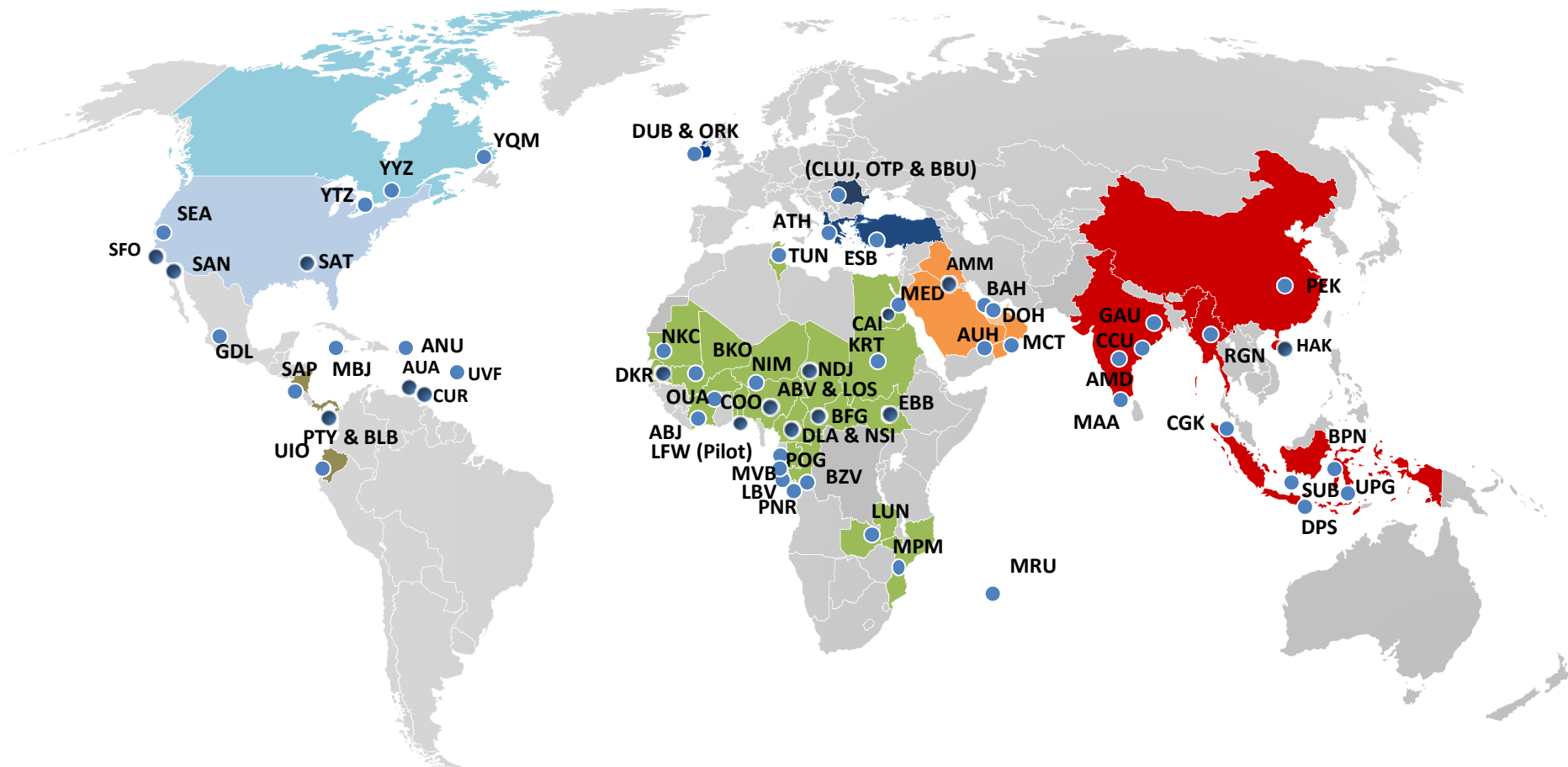
## APEX Philosophy



### APEX in Safety Benefits

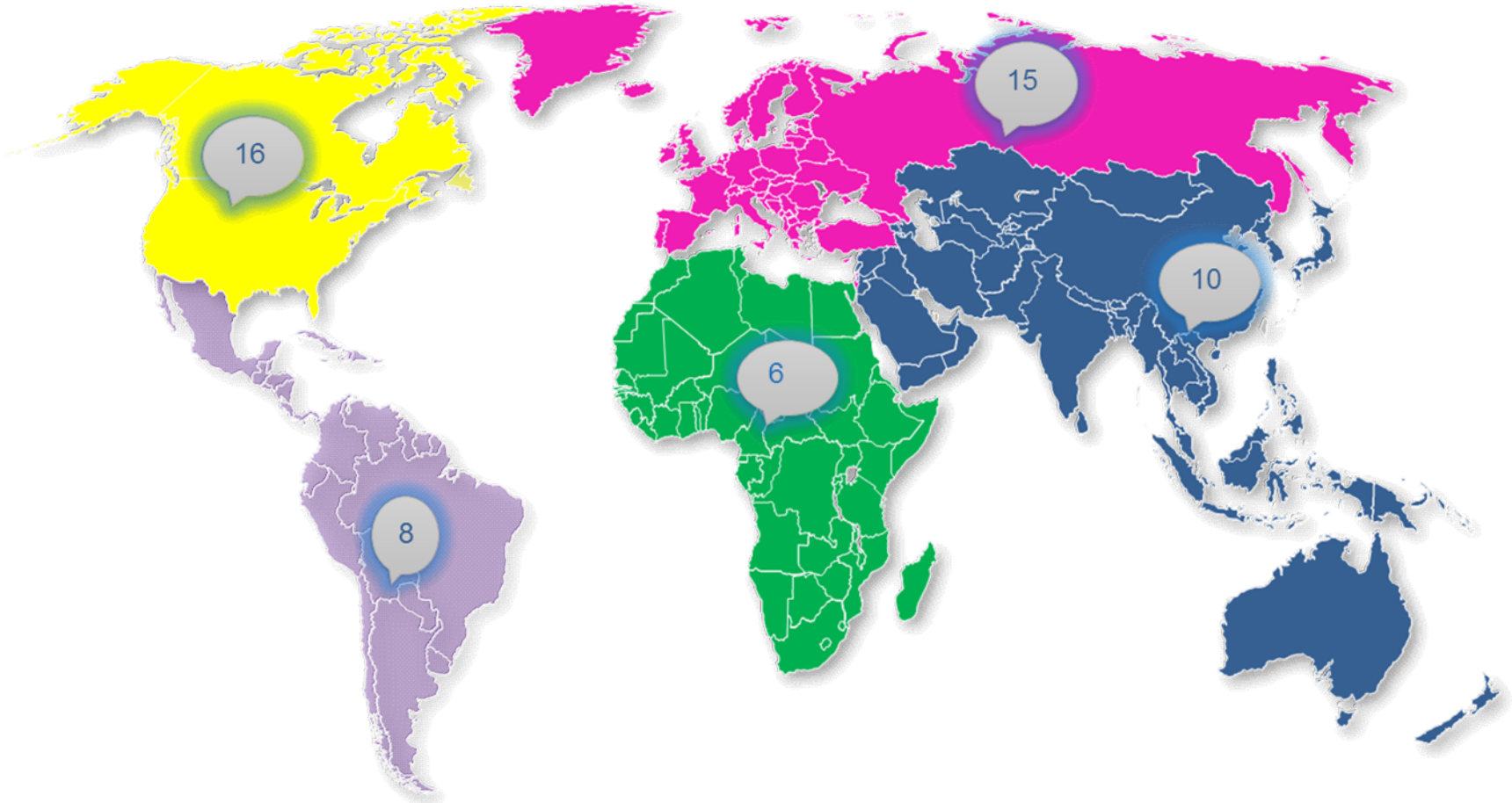
- ✓ Tailored approach
- ✓ Measures that can be immediately implemented
- ✓ Access to global network of safety experts
- ✓ Practical application
- ✓ Action Plan
- ✓ Effective results within reach
- ✓ Appropriate solutions based on specific operational environment
- ✓ ICAO regulatory aspects covered
- ✓ Access to knowledge data base
- ✓ Access to documentation
- ✓ Guidance material provided by Airports Council International

## Safety Reviews 2011-2017



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## 55 APEX Safety Partners Worldwide



<http://www.aci.aero/APEX>

## AIRPORT EXCELLENCE IN SAFETY (APEX)

### Conclusions:

- APEX is applicable to all sizes of airports and operations
  - Small regional airports to capacity constrained mega airports
- APEX is a collaborative and demonstrative way of improving safety performance
- APEX builds relationships worldwide and promotes open discussion on mutual areas of concern by:
  - Mentoring
  - Hosting
  - Best practice exchange





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THANK YOU!