Security challenges and responses : Japan Customs experience

WCO Security Conference
11- 12 December 2019, Brussels, Belgium

Japan Customs

WCO Asia/Pacific Security Conference

Japan Customs

- The efforts at the international level, regional level and national level for effective counter-terrorism measures is important.

- further strengthening international cooperation is essential.

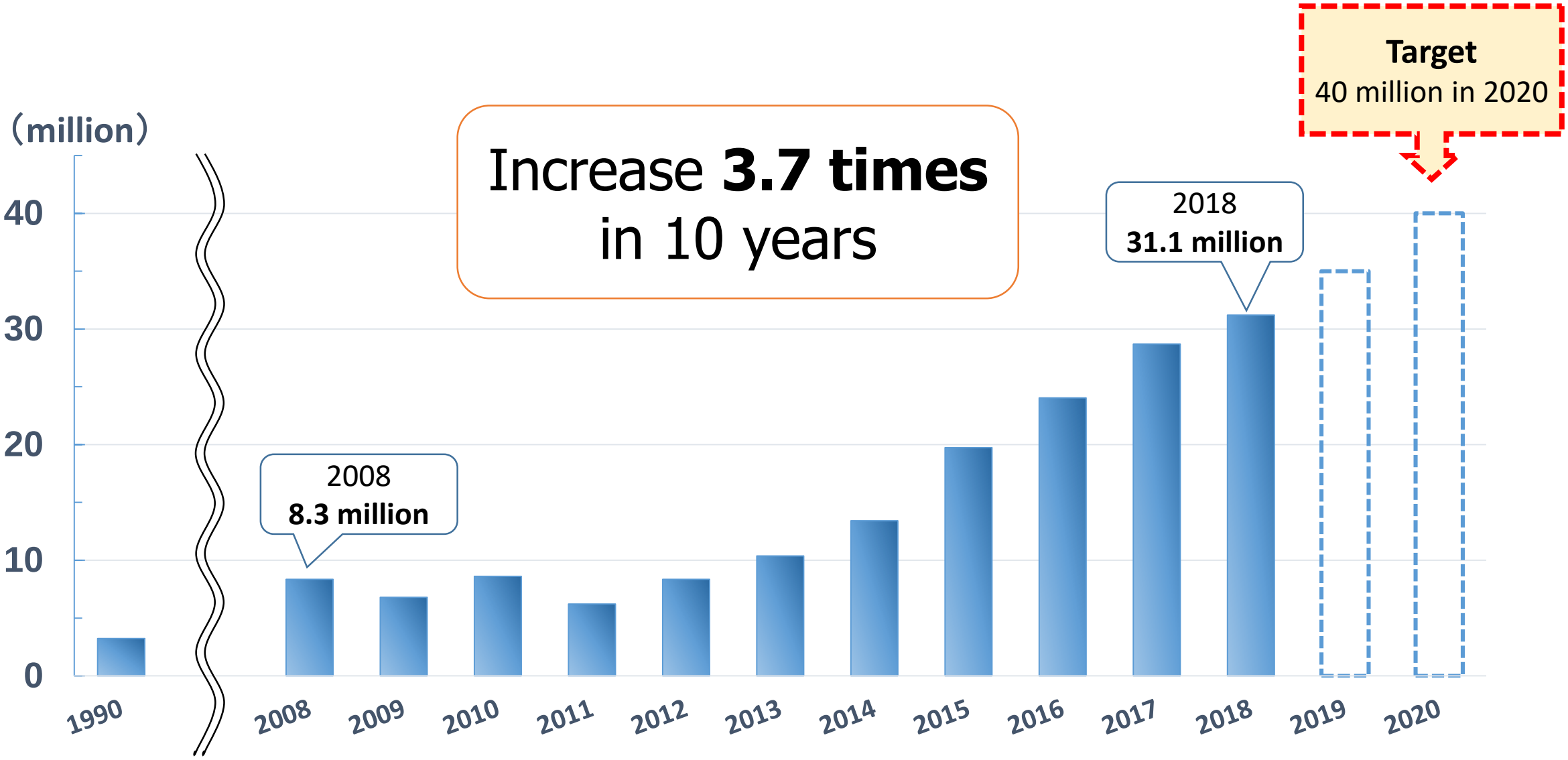
- Future direction

  ex. - Exchange of information/ intelligence

  - Deployment and use of technology for intelligence sharing/ targeting/ detection

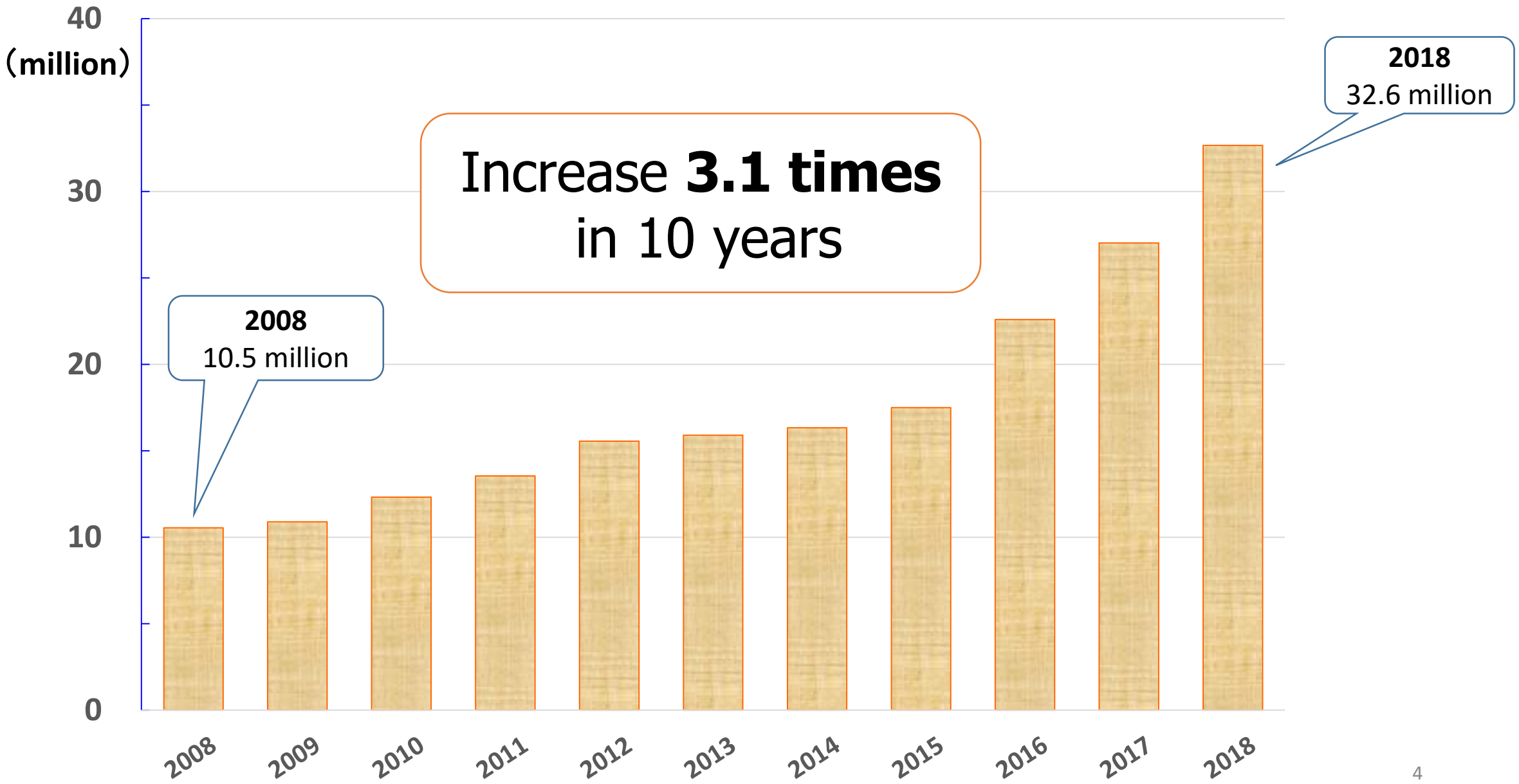
Trends in Visitor Arrivals to Japan

Japan Customs



Trends in Small Packages (Import declaration)

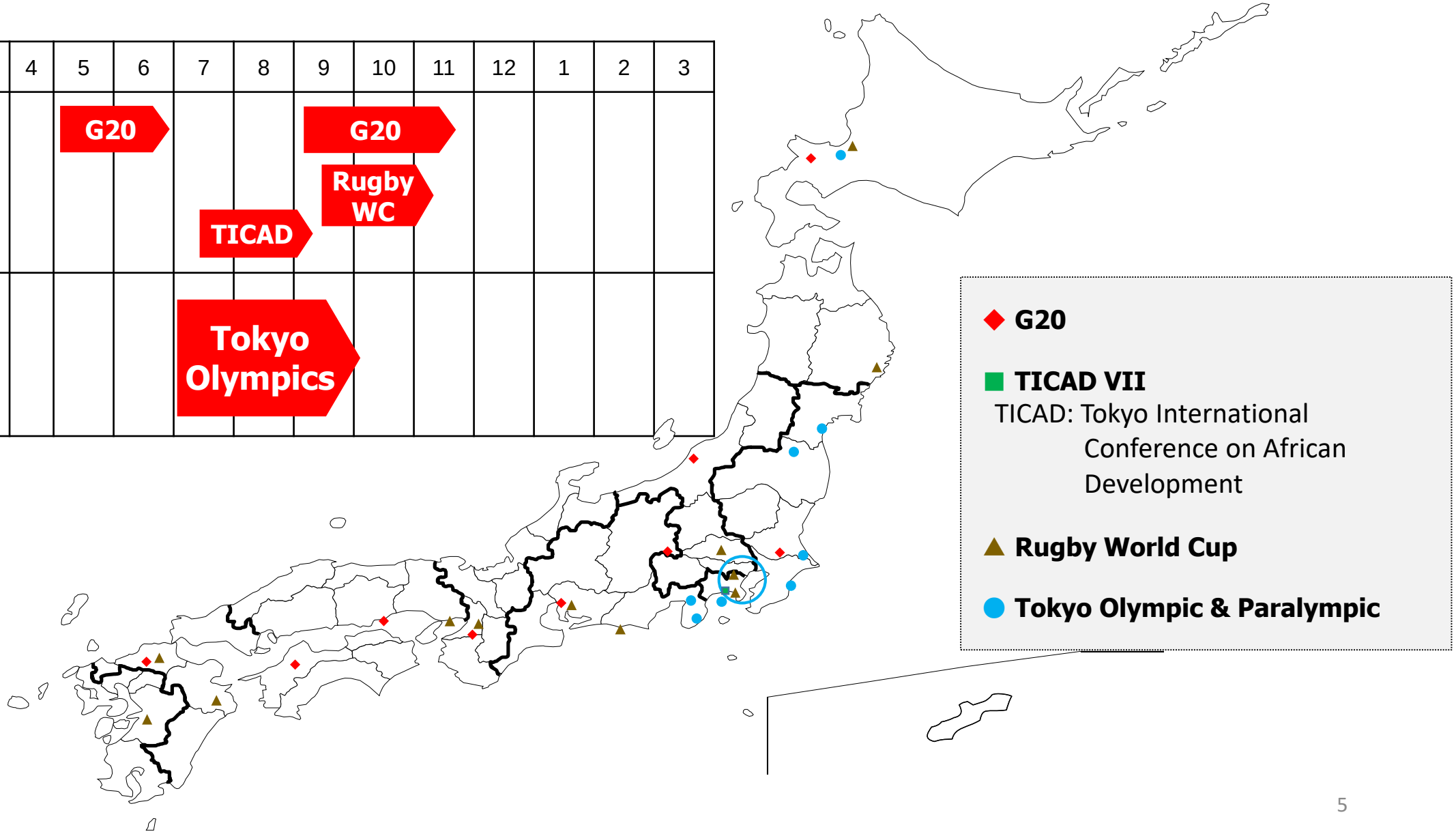
Japan Customs



Major International Events in Japan

Japan Customs

	4	5	6	7	8	9	10	11	12	1	2	3
FY 2019		G20				G20						
				TICAD		Rugby WC						
FY 2020				Tokyo Olympics								



◆ **G20**

■ **TICAD VII**
TICAD: Tokyo International Conference on African Development

▲ **Rugby World Cup**

● **Tokyo Olympic & Paralympic**

Managing both Security and Facilitation

Japan Customs

Ensure Security

Counter-terrorism measures

Interdiction of illicit drugs and other social contraband at the border

Facilitated clearance of low-risk passengers/cargoes

Responding to increasing number of inbound passengers and import cargoes

Air/Sea Cargo

Passenger Baggage

International Post

Vessel/Airplane

Japan Customs response to these Challenges

Japan Customs

Domestically

1. Active Use of Advance Information
2. Utilizing Inspection Equipment with Advanced Technology
3. Deployment of Customs E-Gate
4. Applying AI analysis
5. Human Resource Development

Internationally

5. Customs-to-Customs Cooperation
   - → Information / Intelligence
   - → Good Practice

1. Advance Information Collection and Analysis

Japan Customs

Air Cargo

Pre-departure filing

Passenger

PNR: Passenger Name Record

International Postal Items

Japan Customs receives Electronic Advance Data from 11 countries/regions.

2. Deployment of Inspection Equipment

- Efficient and effective control with the use of advanced technology
  Example…

Explosive Detector Dog (2002)

TDS (2005)
(Trace Detection System)

Handheld Raman Spectrometer (2015)

CTX-Ray Cargo Inspection System (2019)

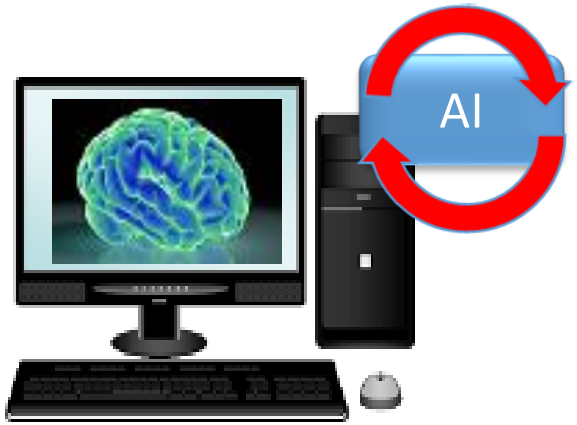
3. Customs E-Gate

Japan Customs

4. AI Analysis on X-ray Images

Targeted Outcome *:*

Utilizing AI (Artificial Intelligence) for effective and efficient inspection on small parcels



Steps for research and development

1. Collecting the X-ray images

2. Learning process for recognizing characteristics of X-ray images and automatic identification

3. Obtaining function for recognizing X-ray image with suspicious characteristics as inspection targets

WCO Asia/Pacific Security Conference

Japan Customs

Thank you for your attention!

Japan Customs

wco-japan@mof.go.jp