



JICA's Mission on Nature Conservation Sector and Introduction of the Forest Governance Initiative

**October 24-26, 2017
Hotel Metropolitan Edmont Tokyo**

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JICA Mission & Vision



Mission

JICA, in accordance with the Development Cooperation Charter, will work on human security and quality growth.

Vision

Leading the world with trust

JICA, with its partners, will take the lead in forging bonds of trust across the world, aspiring for a free, peaceful and prosperous world where people can hope for a better future and explore their diverse potentials.

Actions

Commitment

Strategy

Innovation

Co-Creation

Gemba
- Dive into the Field-

JICA's Strategic Plan 2015-2020 in the Nature Conservation Sector

Overall Goal

Harmonization between Nature Conservation and Human Activities

Four Strategic Objectives

Sustainable Forest Management and REDD+

Eco-DRR

Sustainable Use of Natural Resources for Livelihoods Improvement

Biodiversity Conservation

Rio Three Conventions

UNFCCC

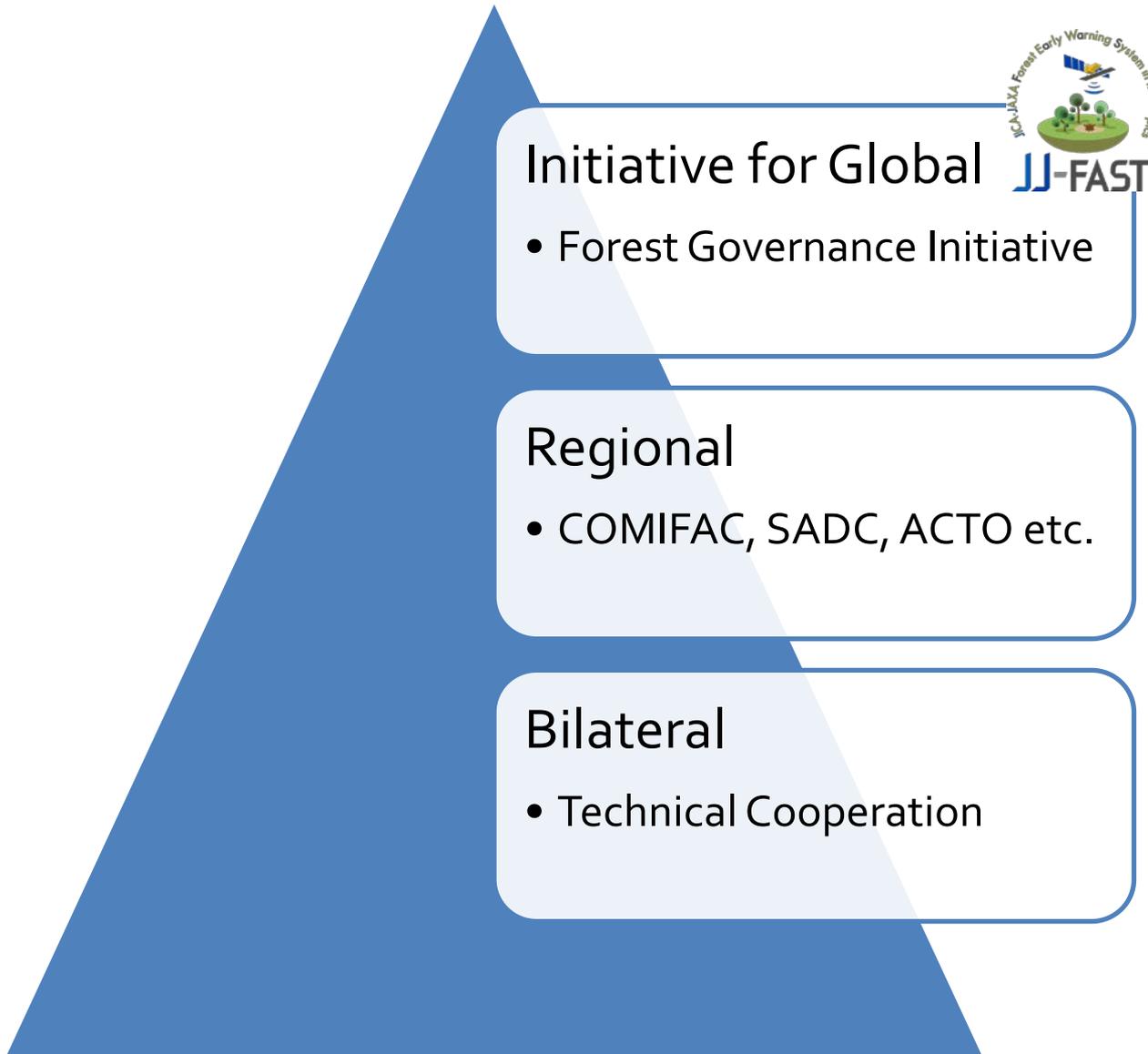
Mitigation

Adaptation

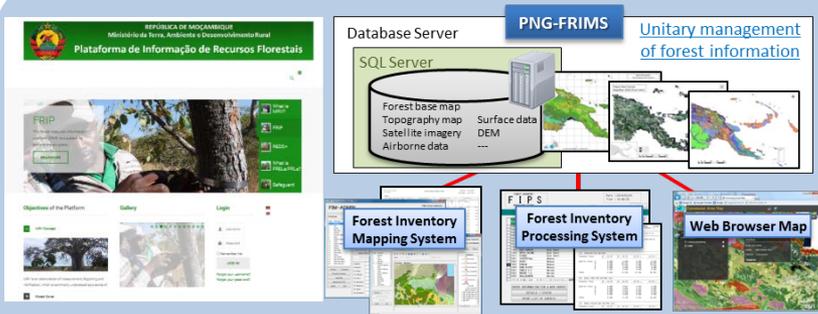
UNCCD

UNCBD

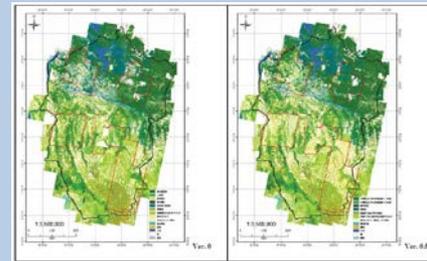
JICA's Hierarchical Activities



Support of Forest Monitoring for SFM /REDD+ (Bilateral)



National Forest Resource Information System / Platform for REDD+ / SFM



National & Sub-National Forest Resource Monitoring



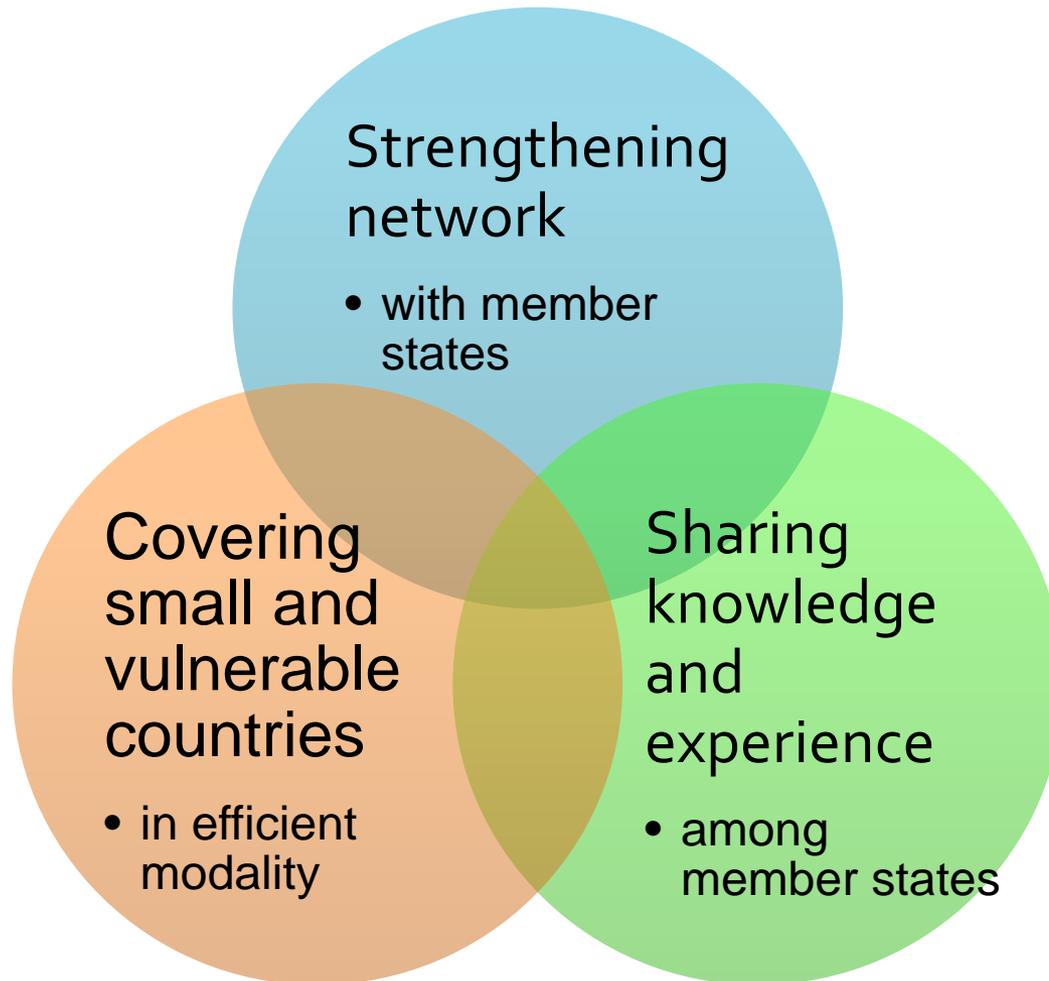
Capacity Building Manual / Guideline



Vehicles / Equipment's

Regional Cooperation

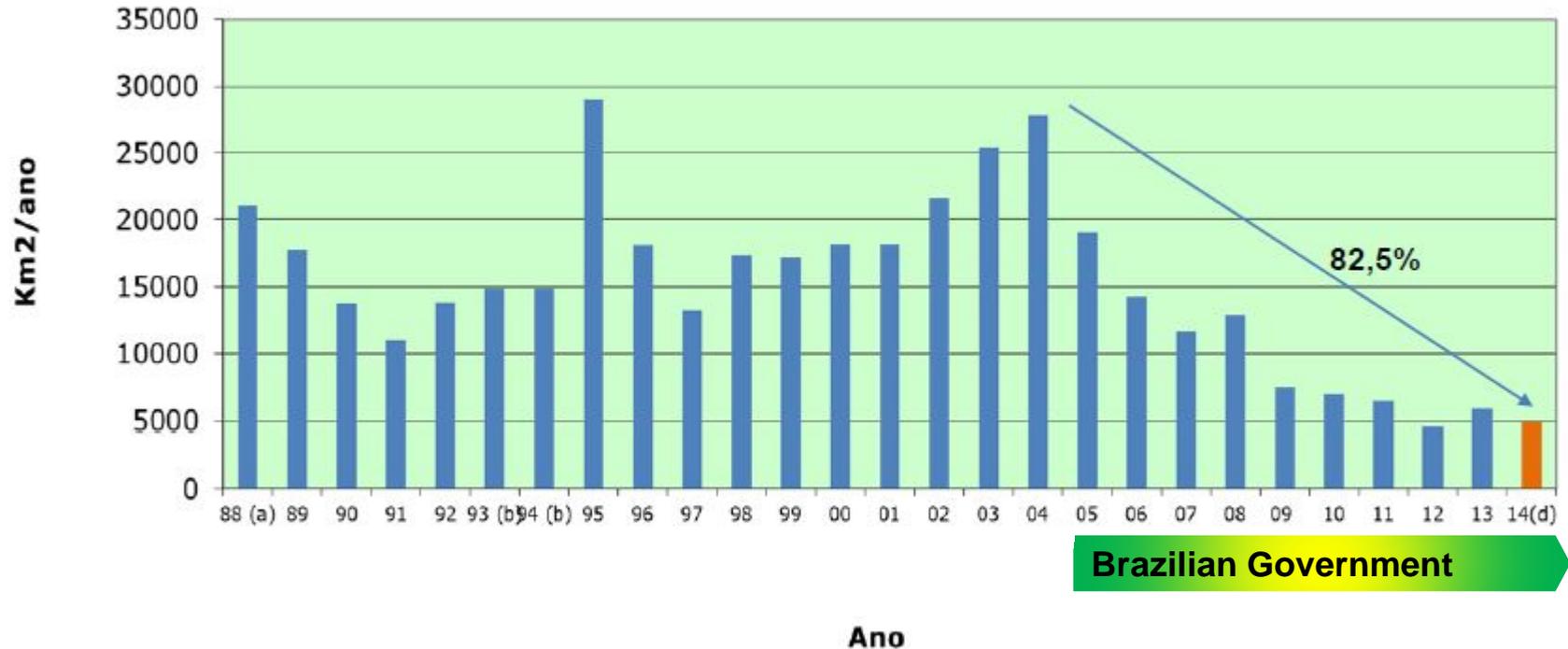
To support regional initiative, JICA has been increasing regional program aiming at;



Forest Governance Initiative



Annual Deforestation Area in the Legal Amazon



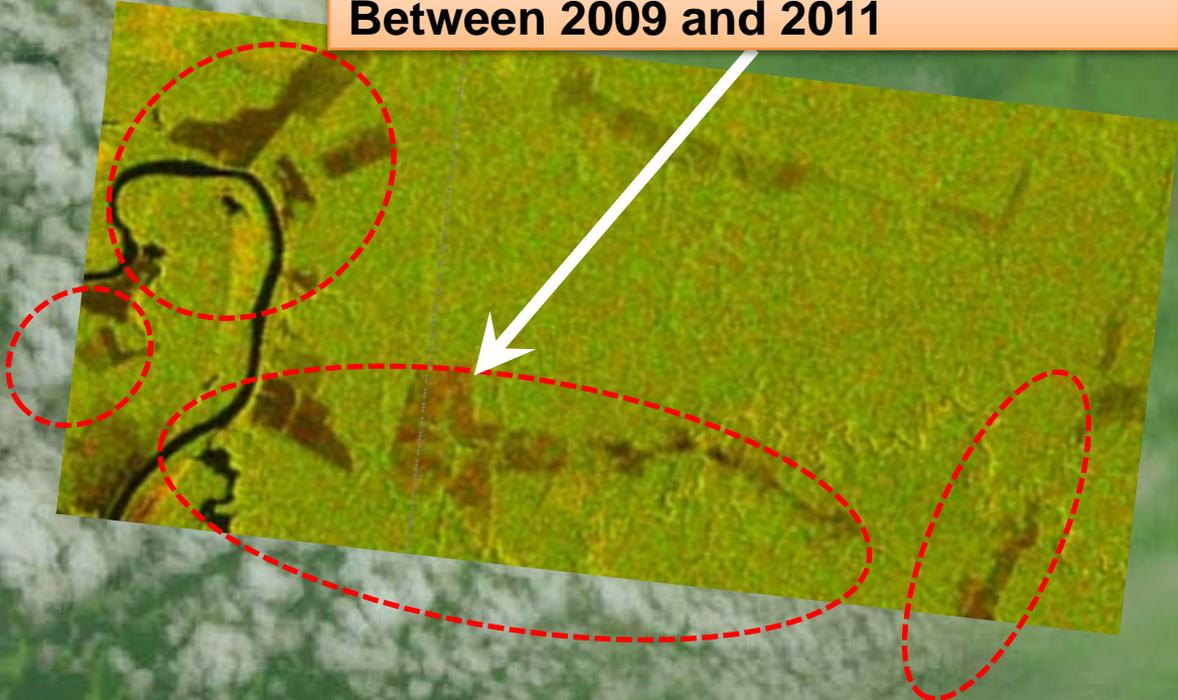
Source: INPE

- Brazilian government has been tackling illegal deforestation using optical satellite images (Landsat) since 2004.
- Challenge was deforestation detection in the rainy season.

Landsat 5 Image on 2011/09/07



Forest Density Difference by ALOS Between 2009 and 2011



Almost a half period of a year, the Amazon Forest is covered with clouds.

The ALOS SAR sensor can detect deforestation even in the rainy season or night time.

IBAMA (Brazilian Institute of Environment and Renewable Natural Resources) and DPF (Federal Police Department) implemented the project.

During the Project (2010- Apr. 2011)

Detection of Deforestation	Illegal Logging
1,147	151

JICA-JAXA Collaboration

Apr. 2014 MOU between JAXA-JICA was signed to contribute "Global Issue" using Japanese Satellite technology



Nov. 2015 JICA and JAXA decided to develop new System to contribute forest management in All Tropical Countries

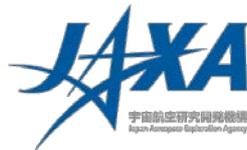
Nov. 2016 Official release of 
JJ-FAST
JICA-JAXA Forest Early Warning System in the Tropics

Dec. 2016 - regional conference for Forest Governance Initiative

Oct. 2017 Tokyo International Conference on the Forest Governance Initiative



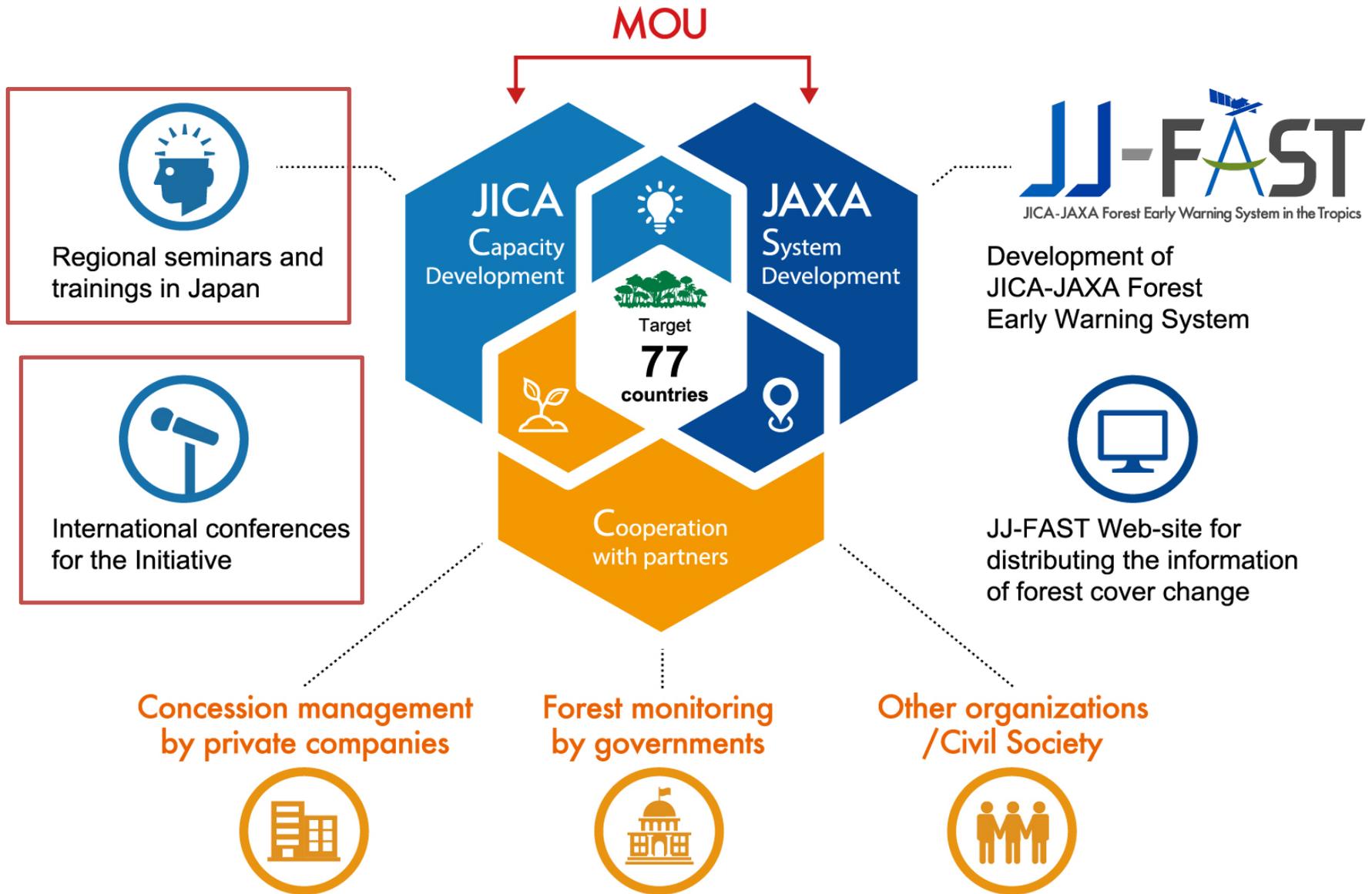
Overall Coordination
Capacity Development



System Development

Further Collaboration

Forest Governance Initiative





Regional Seminars

- Dec. 2016 Amazon
- Jan. 2017 Central Africa
- Apr. 2017 South Africa



Training Course in Japan

- 2017 - 2020



500 officials and foresters from target countries will be invited to seminar or training by 2020

International Conference on the Forest Governance Initiative

Objectives

1. how developing countries can effectively promote forest management by using the JJ-FAST, other forest early warning systems and satellite technologies along with necessary policy measures
2. how development partners can support the country's efforts.

The seminar will focus “governance” and “satellite technology”

Also expects to strengthen networks and partnerships to collectively address the deforestation of developing countries and global climate change.

- JICA will continue supporting our partner countries' initiative with **capacity-building-focused approach** & Japan's advanced satellite technology incl. **JJ-FAST**
- JICA-JAXA welcome any organizations / companies **to join Forest Governance Initiative** to work together
- Addressing deforestation & climate change is the key to achieve all SDGs – **Forest can change the world!**

