

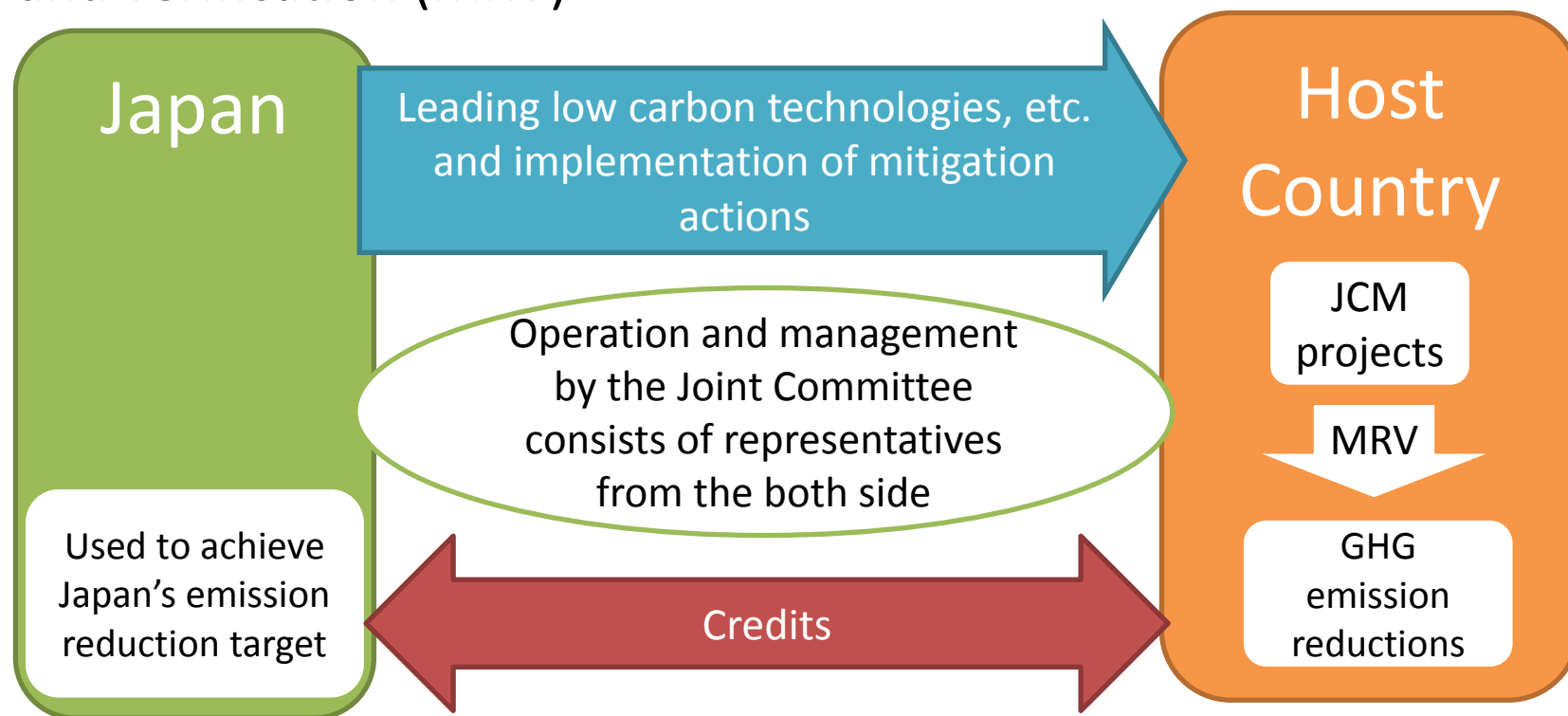
Implementation of the Joint Crediting Mechanism (JCM) in Asia

COP21, Paris, Le Bourget, Observer room 4
UNFCCC Side Event
East Asia Low Carbon Growth Dialogue

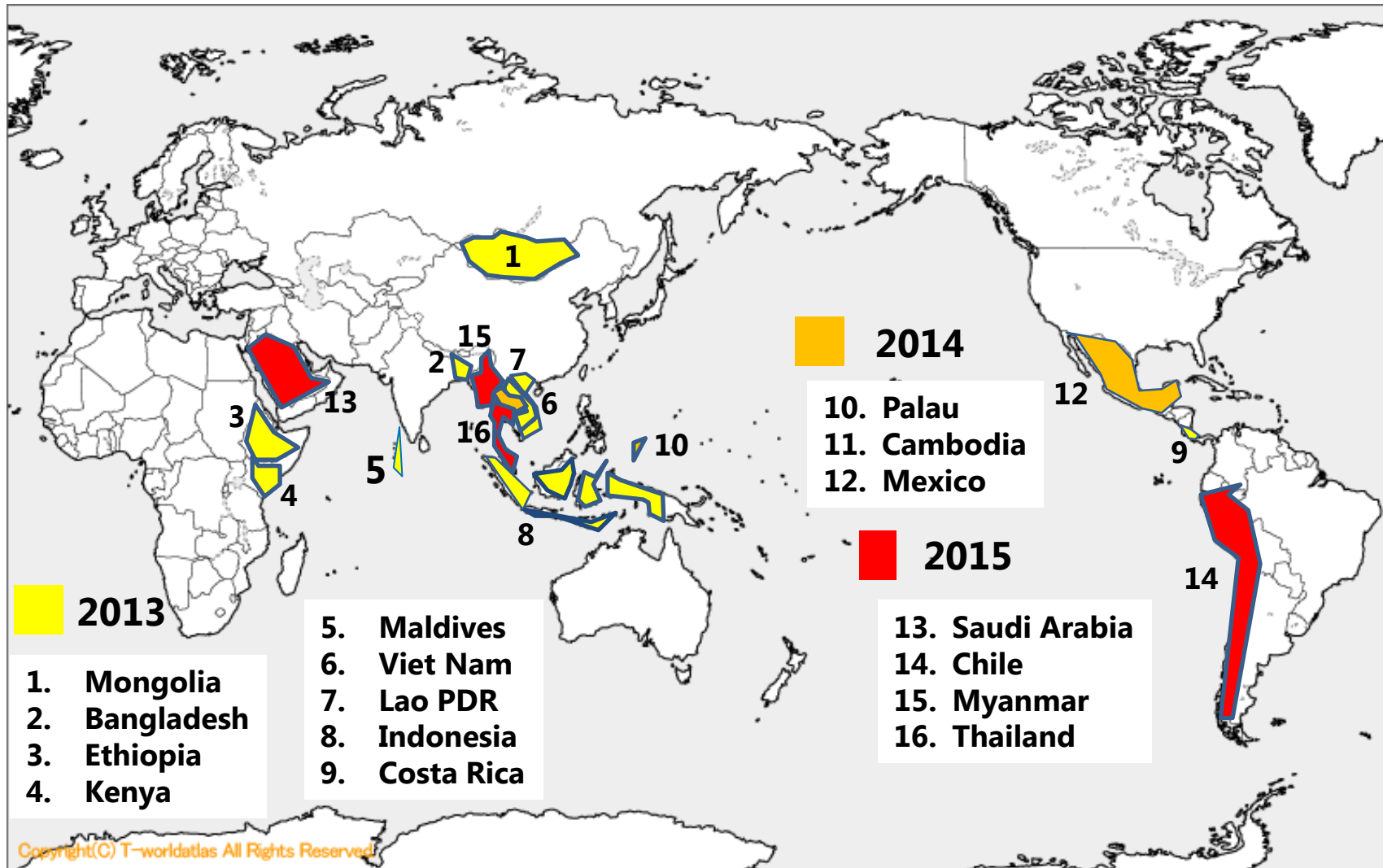
Kazuhisa KOAKUTSU
Climate and Energy Area Leader
7th November 2015

The Joint Crediting Mechanism (JCM)

- ✚ Implement jointly by both country
- ✚ Promote to diffuse leading low carbon technologies, products, etc.
- ✚ Evaluating GHG emission reductions by measurement, reporting and verification (MRV)

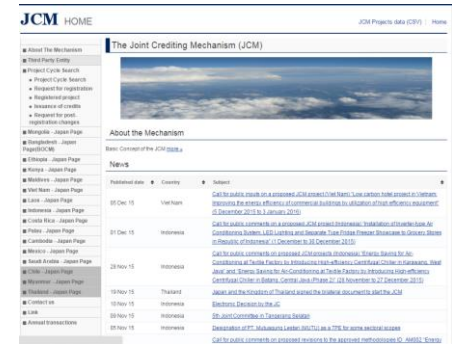


16 Countries signed the JCM for last 3 years



JCM Operation to date

- **Establishment & Operation of the Joint Committee (JC)**
 - 13 countries have organized the JC and adopted rules and guidelines, approved methodology, registered projects
- **Establishment & Operation of the website**
 - JCM web page has launched and operated (<https://www.jcm.go.jp/>)
 - Some partner countries have established its own website (Indonesia, Vietnam, Bangladesh, etc.)
- **Establishment & Operation of the registry**
 - <https://www.jcmregistry.go.jp/>
 - Operation since last Nov.



JCM web page



JCM web page (Indonesia)



JCM Registry page

Typical Sectors for JCM Projects



- Renewable Energy



- Energy Saving (Energy Efficiency)



- Waste Handling & Disposal



- Transport

Example of Registered JCM projects

Project Type	Project Title	ERs (t-CO ₂ /y)	Registration Date	Country
Energy Efficiency	Energy Saving for Air-Conditioning and Process Cooling by Introducing High-efficiency Centrifugal Chiller	114	31-Oct-14	Indonesia
Energy Efficiency	Project of Introducing High Efficiency Refrigerator to a Frozen Food Processing Plant in Indonesia	120	29-Mar-15	Indonesia
Energy Efficiency	Project of Introducing High Efficiency Refrigerator to a Food Industry Cold Storage in Indonesia	21	29-Mar-15	Indonesia



Left: High-efficiency Centrifugal Chiller, Middle and Right : High Efficiency Refrigerator

Example of Registered JCM projects

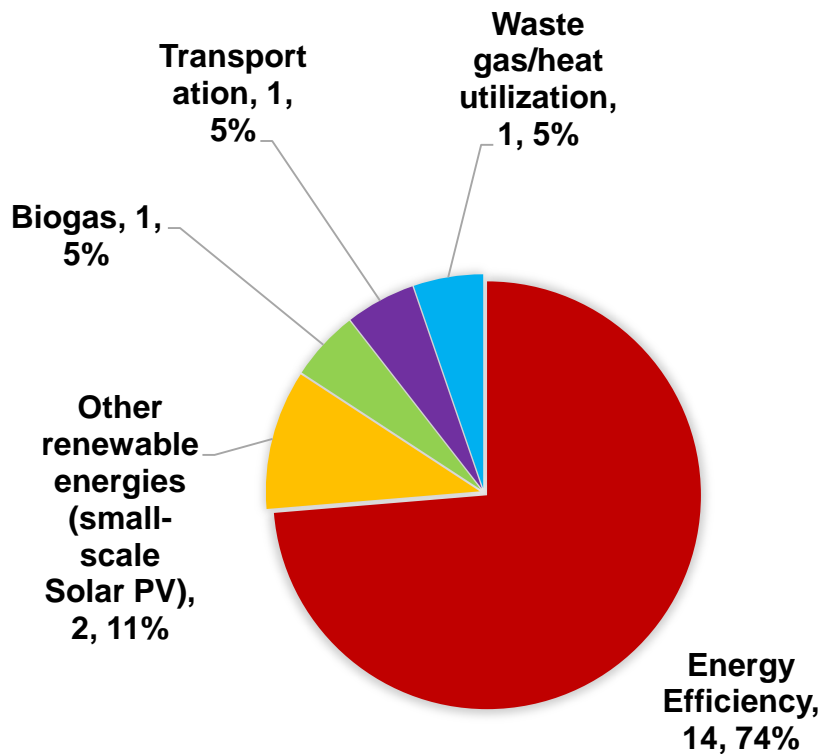
Project Type	Project Title	ERs (t-CO ₂ /y)	Registration Date	Country
Energy Efficiency	Centralization of heat supply system by installation of high-efficiency Heat Only Boilers in Bornuur soum Project	92	30-Jun-15	Mongolia
Energy Efficiency	Installation of high-efficiency Heat Only Boilers in 118th School of Ulaanbaatar City Project	206	30-Jun-15	Mongolia
Renewable energy	Small scale solar power plants for commercial facilities in island states	227	21-Apr-15	Palau
Transport	Eco-Driving by Utilizing Digital Tachograph System	296	4-Aug-15	Vietnam

Left: High-efficiency Heat Only Boilers, Middle: Solar Power Plants and Right : Digital Tachograph System



JCM Promotes Energy Efficiency Projects

Type of project covered by 19 approved methodologies



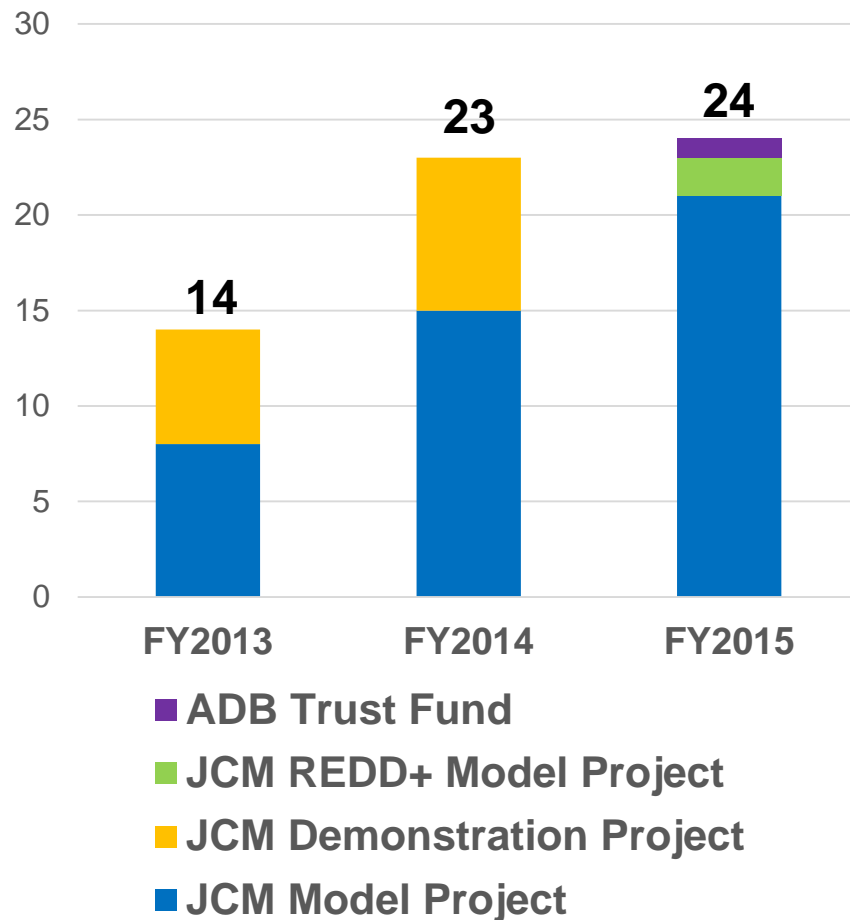
Project Category:

- Energy efficiency: 14
 - Commercial and household: 6
 - Factory: 6
 - Supply side: 2
- Renewable energies: 2
 - PV: 2

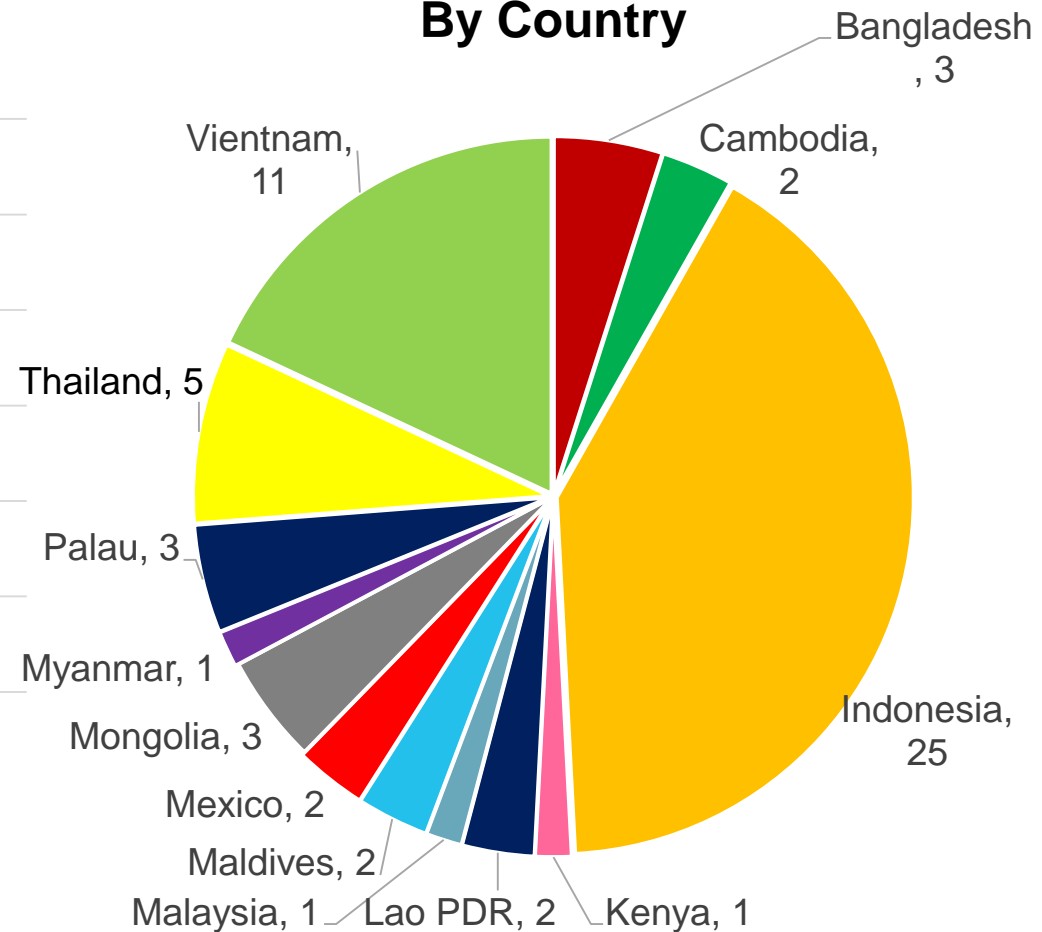
Source: IGES JCM Project Database

Financed JCM Projects have increased

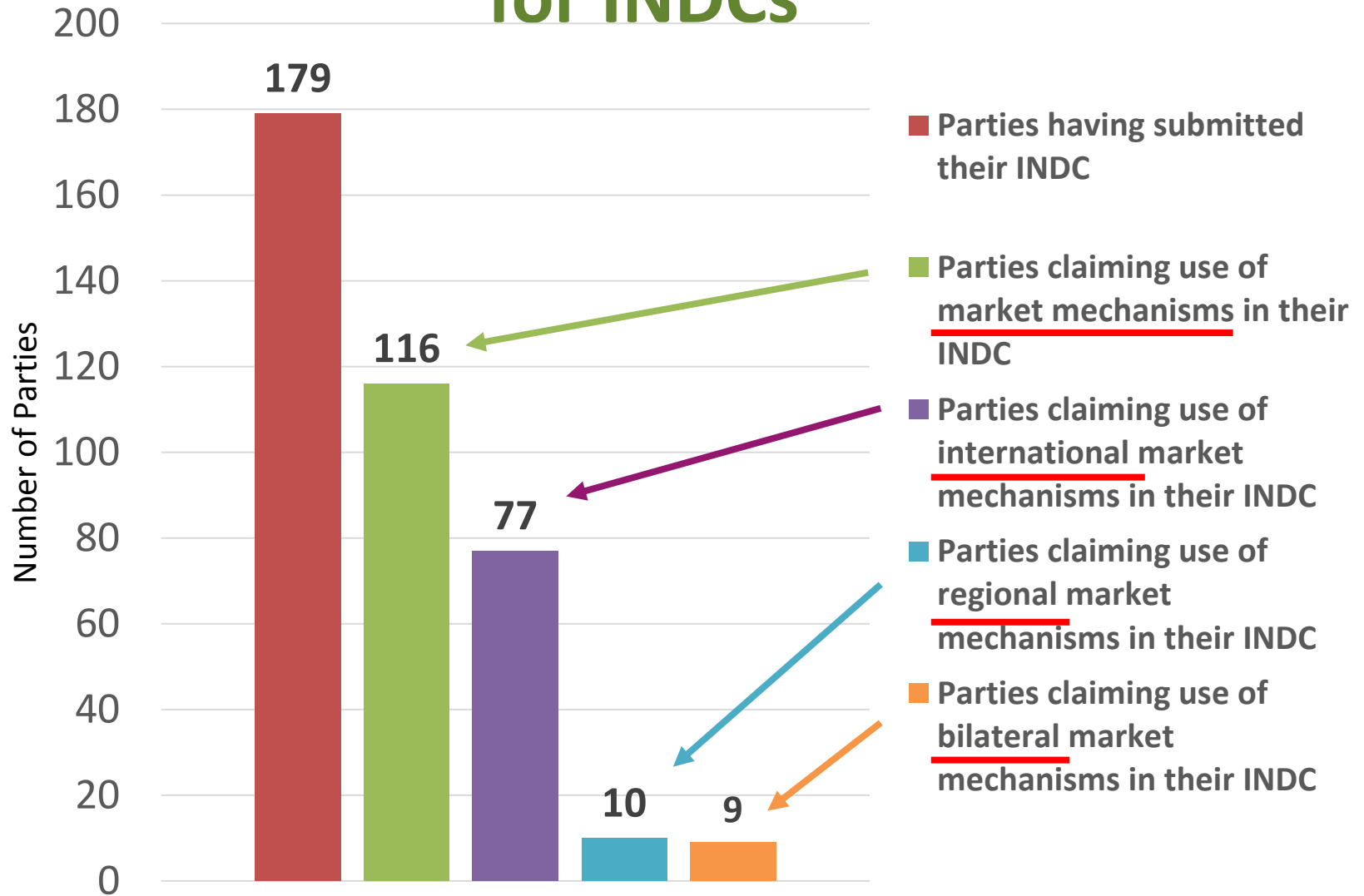
Number of Financed JCM Projects



By Country



Many Country will utilize Market Mechanism for INDCs



Source: IGES INDCs and Market Mechanism Database (Dec. 2015)

JCM Implementation now and Beyond

- Many member country of East Asia have agreed and started to implement the JCM such as Cambodia, Indonesia, Mongolia, Myanmar, Lao PDR, Thailand, and Vietnam.
- After the Paris, how to implement the INDCs will be come the next question where JCM can support the introduction of low carbon technology with the support for partly financing project and for capacity building.
- After the adoption and actual implementation of the JCM, we have seen that many countries have increased their capacity to develop both institutional arrangement and to attract more new emission reduction projects.