

Climate Change

by

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Response from Thailand

- 🌐 **Signed the United Nations Framework Convention on Climate Change (UNFCCC) in June 1992.**
- 🌐 **Signed the Kyoto Protocol in February 1999.**

Response from Thailand

 **Promoted Clean Development Mechanism as Non - Annex I country .**

 **Set up Thailand Greenhouse Gas Management Organization (Public Organization) or TGO to be the Designated Nation Authority for CDM (DNA - CDM).**

CDM Projects Worldwide

Annual Average
CERs
(tons of Co₂-e)

Expected CERs
until
end of 2012

CDM project pipeline: >
4200 of which:

N/A

> 2,900,000,000

2002 projects are registered
with UNFCC CDM-EB

338,946,376

> 1,720,000,000

47 projects are requesting
registration

7,216,064

> 20,000,000

Source: <http://cdm.unfccc.int/Projects/MapApp/index.html> (as of January 6, 2010)

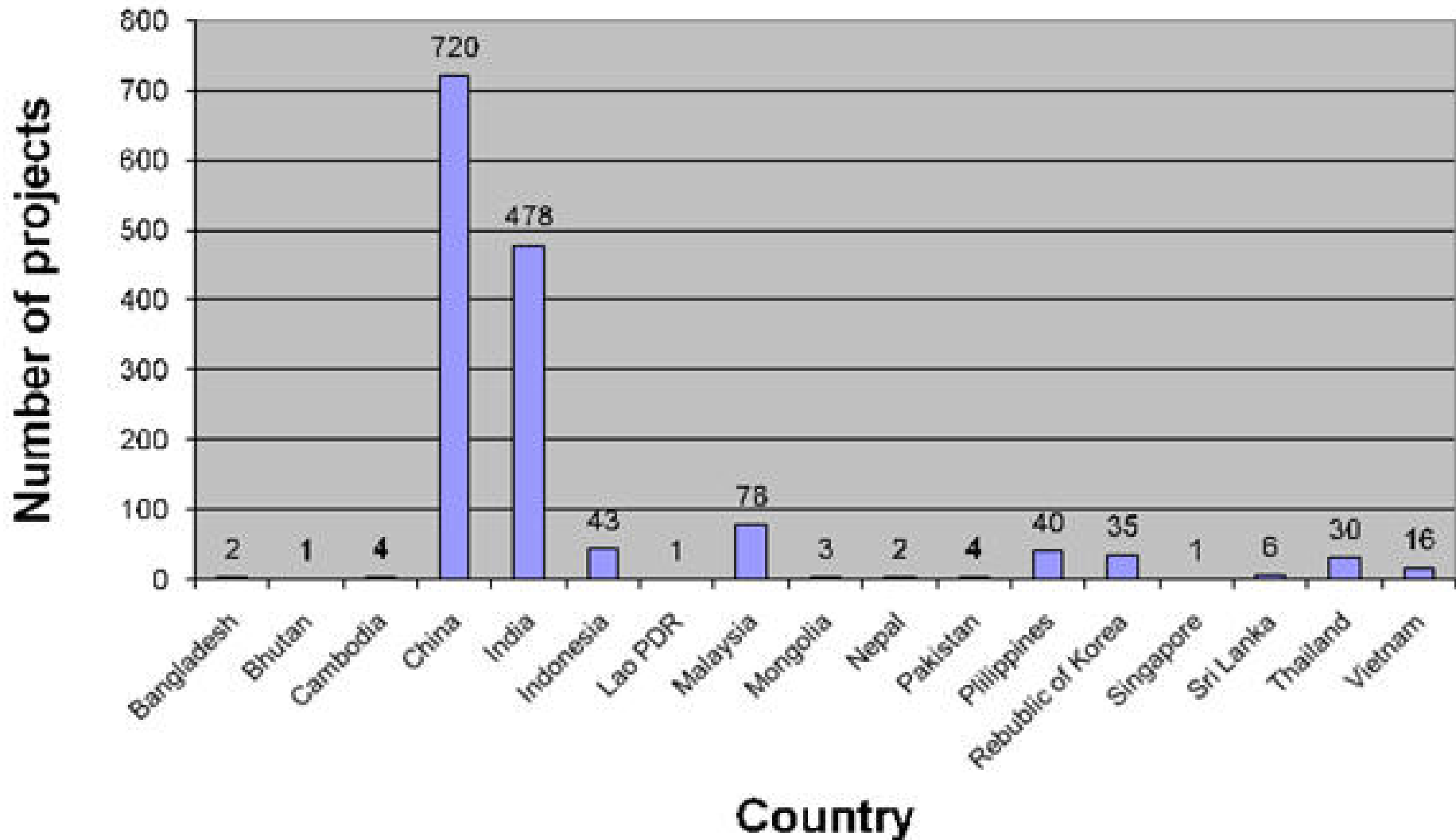
CDM Projects in Asia

As of January 2010,

 **1,464 CDM projects registered**

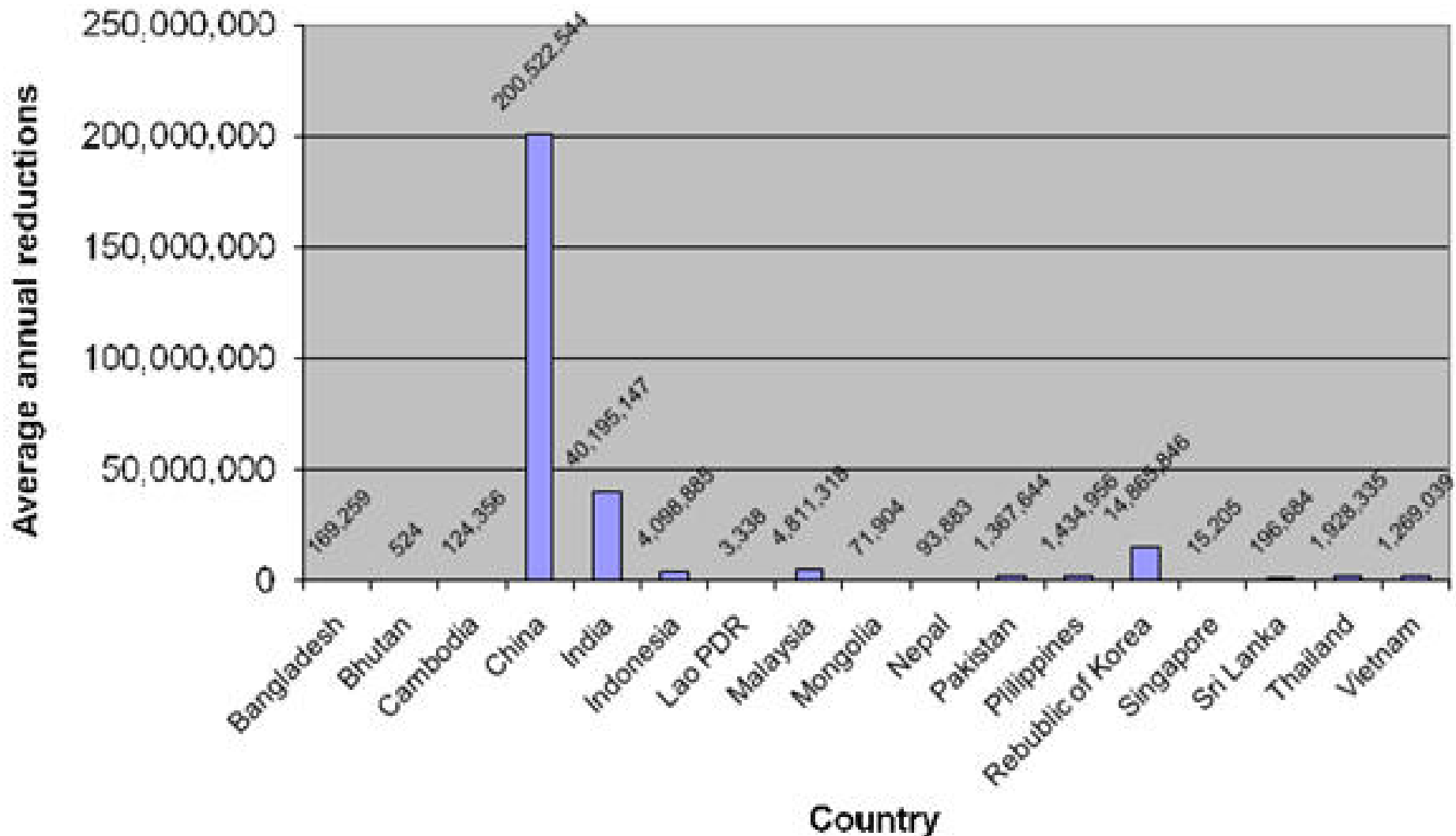
 **271 million tons of CO_{2-e} in GHG emissions reductions annually**

Number of Registered CDM Projects from Asian Countries



Source: www.unfccc.int (as of January 6, 2010)

GHG emissions reduction of registered CDM projects by host country



Source: www.unfccc.int (as of January 6, 2010)

Thailand CDM Projects

100 Projects

- Obtained Letter of Approval (LoA) from TGO Board

32 Projects

- Registered with UNFCCC CDM-EB

Thailand CDM Projects

2 Projects

- Received Issuance of CERs
(Certified Emission Reductions)

**"A.T. Biopower
Rice Husk Power
Project"**

**"Korat Waste to
Energy" (Generate
heat and electricity
from tapioca mill
waste water)**

4 CDM Projects of Sugar Mills

 **Registered to CDM-EB**

 **Generate electricity from bagasse and sugarcane residual**

No.	Project Title	GHG Reduction (tons CO ₂ / yr)	Generated Electricity (MW)
1	Dan Chang Bio - Energy Cogeneration Project	93,129	41
2	Phu Khieo Bio - Energy Cogeneration Project	102,493	41
3	Khon Kaen Sugar Power Plant	61,449	30
4	Surin Electricity Company Limited	12,197	10 ¹⁰

Conclusion

Threat:

GHG emission causes climate change, specifically global warming.

Opportunities:

- CDM is an effective means to solve global warming problem.**
- CDM makes projects become more economically feasible.**
- CERs market continues growing.**

Thank you

