



Produced in partnership with the  
Coalition on Paris Agreement  
Capacity Building

# Greenhouse gas emissions inventory capacity: An assessment of Asian developing countries

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# Overview of GHG Management Institute

- IPCC Guidelines Course Series
- The Carbon Institute
- Coalition on Paris Agreement Capacity Building

Alumni in  
over 100  
countries

1000s of  
experts  
trained

Largest  
training  
curriculum

Online and  
onsite

# GHG Emissions Inventory Capacity

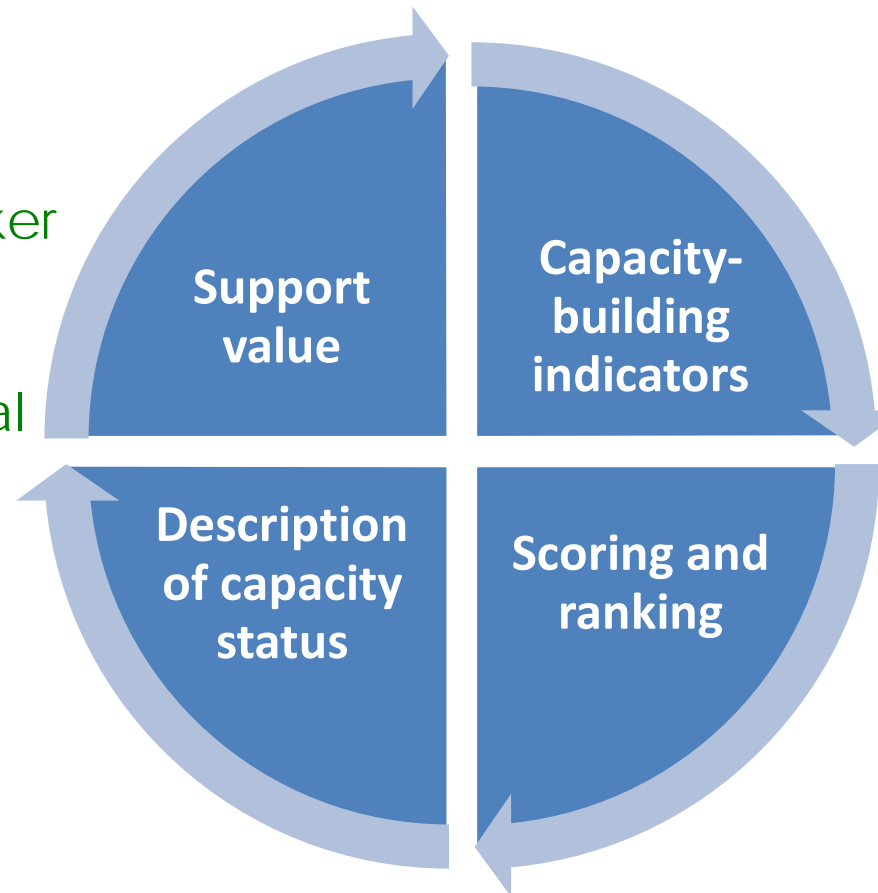
Objective and  
Methodology

## Support

- Bilateral
- Multilateral
- OECD Rio Marker
- UNFCCC Capacity Building Portal

## Status

- Limited
- Intermediate
- Good
- Very Good



## Database

- 4 categories
- 14 criteria
- 37 non-Annex 1 NC1, NC2, BUR1 2000, 2010, 2014
- World Bank Group

## Capacity Value

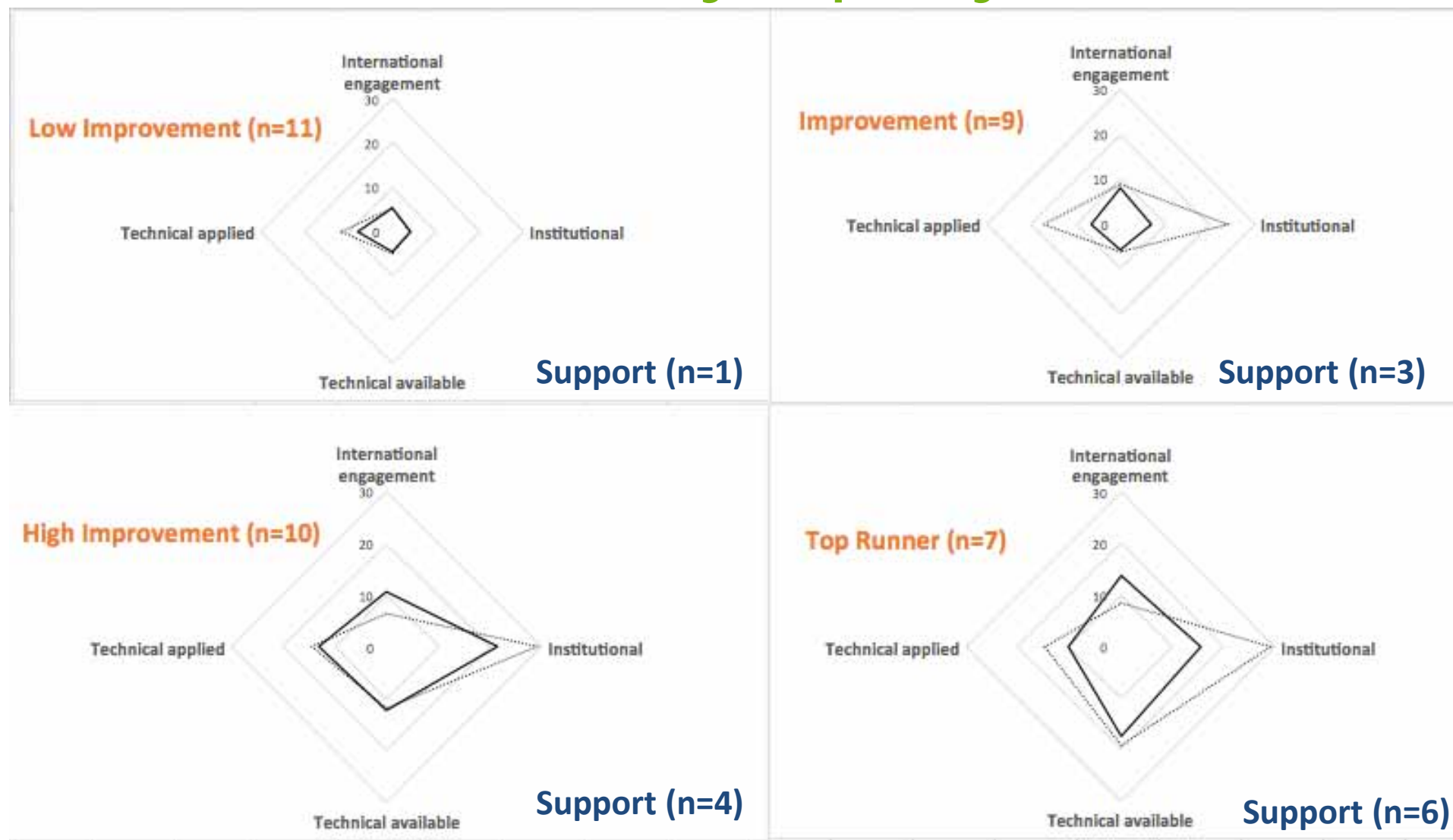
- Indicator score
- Criteria ranking
- Desk review and expert survey

# GHG Emissions Inventory Capacity

Criteria Categories

International engagement	Institutional capacity	Technical capacity available	Technical capacity applied
<ul style="list-style-type: none"><li>• Timely response</li></ul>	<ul style="list-style-type: none"><li>• Coordination capacity</li><li>• Formal/Legal arrangements</li><li>• Continuous improvements</li><li>• Involvement of stakeholders</li><li>• Domestic financial resources available</li></ul>	<ul style="list-style-type: none"><li>• Understanding IPCC methods</li><li>• National scientific capacities</li><li>• National statistical capacities</li></ul>	<ul style="list-style-type: none"><li>• Transparency</li><li>• Accuracy</li><li>• Completeness</li><li>• Comparability</li><li>• Consistency</li></ul>

# GHG Emissions Inventory Capacity Results



# GHG Emissions Inventory Capacity In Conclusion

- Resources should be allocated towards strengthening basic technical capacity
- International support went to countries with existing advanced capacity
- Working Paper: IGES Publications  
<https://pub.iges.or.jp/pub/GHG-Inventory-Capacity>
- Dataset and future work  
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