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UNDP Support to NAMA Development

**Asia Pacific Regional Workshop on NAMAs
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UNDP support on NAMA and LEDS development



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NAMA and LEDS design

- Technical assistance for NAMA and LEDS design (LECB Programme)
- Scaling up CDM PoAs to NAMAs (MDG Carbon)
- UNDP-GEF CC-M projects (NAMA outputs)

Climate finance readiness

Underlying information

- National Communications
- Technology Needs Assessments
- Development of standardised baselines

UNDP GEF CC-M Signature Programs



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Access to clean and affordable energy

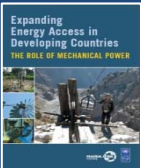
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1.1 Access to electricity (on- and off-grid)



1.2 Access to clean fuel for heating and cooking



1.3 Access to mechanical power

54 projects in 62 countries
\$1.2bn (GEF \$146m)

Low emission urban and transport infrastructure

2



2.1 Energy efficiency and conservation:



2.2 Sustainable urban and transport systems:

68 projects in 44 countries
\$2.5 bn (GEF \$252m)

Access to new financing mechanisms

3



Over 10 projects

UNDP-GEF projects with a focus on NAMA / NAMA methodology



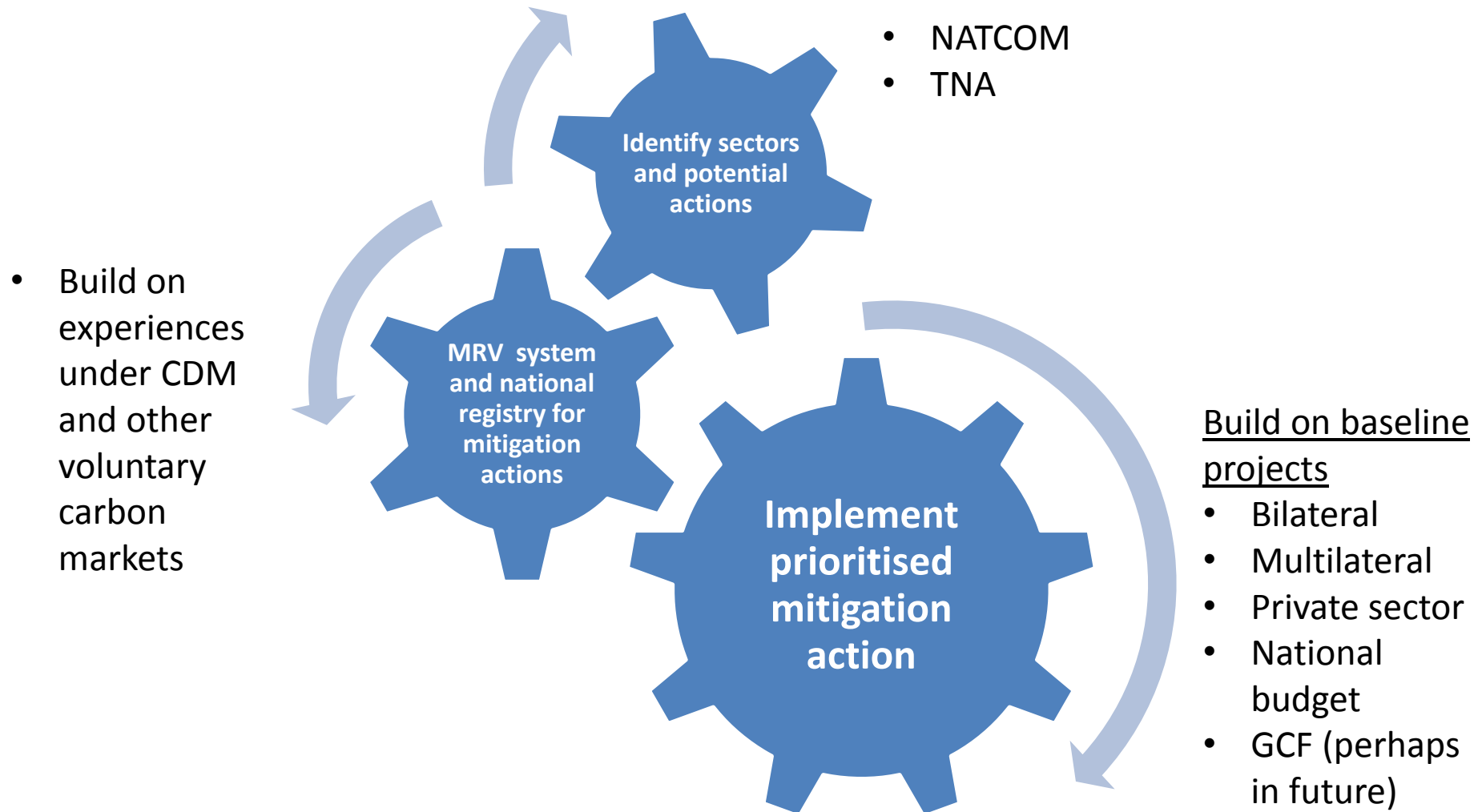
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Country	Title	GEF grant (US\$)
Peru	Nationally Appropriate Mitigation Actions in the Energy Sector in Peru	4,500,000
Sri Lanka	Appropriate Mitigation Actions in Energy Generation and End-Use Sectors in Sri Lanka	1,790,411
Indonesia	Market Transformation through Design and Implementation of Appropriate Mitigation Actions in Energy Sector	8,000,000
Mongolia	Nationally Appropriate Mitigation Actions in the Construction Sector in Mongolia	1,269,863
Azerbaijan	Market Transformation through Design and Implementation of Appropriate Mitigation Actions in Energy Sector	3,570,000
Kazakhstan	Market Transformation through Design and Implementation of Appropriate Mitigation Actions in Energy Sector	6,142,785
Trinidad and Tobago	NAMA in the Petrochemical Sector	2,000,000
Colombia	NAMA Pilot Implementation of Technology Transfer Projects in the Industrial Sector of the Cundinamarca-Bogotá Region	1,295,663
Paraguay	NAMA	1,500,000
Saint Lucia	Nationally Appropriate Mitigation Actions in the Transport Sector	1,168,950
Haiti	Nationally Appropriate Mitigation Actions	4,000,000
Total		35,237,672

Key components of UNDP-GEF projects with a focus on NAMA / NAMA methodology



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Low Emission Capacity Building (LECB) Programme (2011-16)



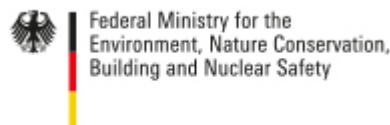
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Objective: Build capacities to design and implement low emission development through national mitigation actions in the public and/or private sectors in 25 countries (incl. 7 Asian countries)

Five main work areas:

- GHG inventory management systems
- Nationally Appropriate Mitigation Actions (**NAMAs**)
- Low-Emission Development Strategies (**LEDS**)
- Measurement, Reporting and Verification (**MRV**)
- Participation of **selected industries** in mitigation actions

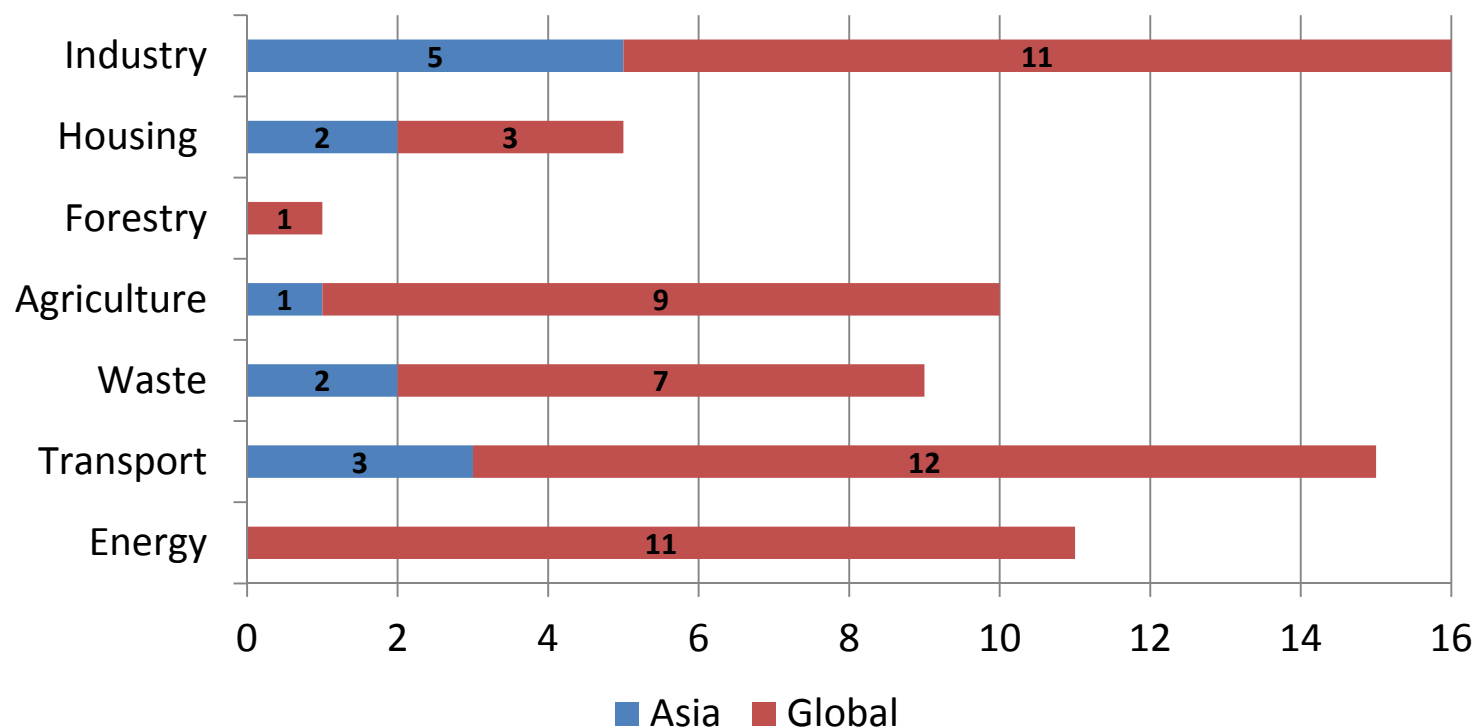
Donors: European Commission, Germany (BMU), & Australia



Overview of LECB sectoral focus in Asia & globally



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- Bhutan:** Waste, transport, housing (residential & industrial), industry
- China:** Aluminium alloy products, motorcycles, cement
- Indonesia:** Transport, green buildings (tbc)
- Malaysia:** Industry (sub-sectors tbc)
- Philippines:** Waste, Industry, Transport, Agriculture
- Thailand:** Cement, iron & steel
- Vietnam:** Fertiliser, iron & steel

LECB Programme (www.lowemissiondevelopment.org)



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Example of resources:

- UNDP/UNFCCC/UNEP [Guidance for NAMA Design: Building on Country Experiences](#) (2013)
- Fact sheets on LEDS, NAMAs, MRV, GHG inventory systems
- Webinars: www.youtube.com/channel/UCAoC7slxbzMRen-wxGQZM2w

Coming soon!

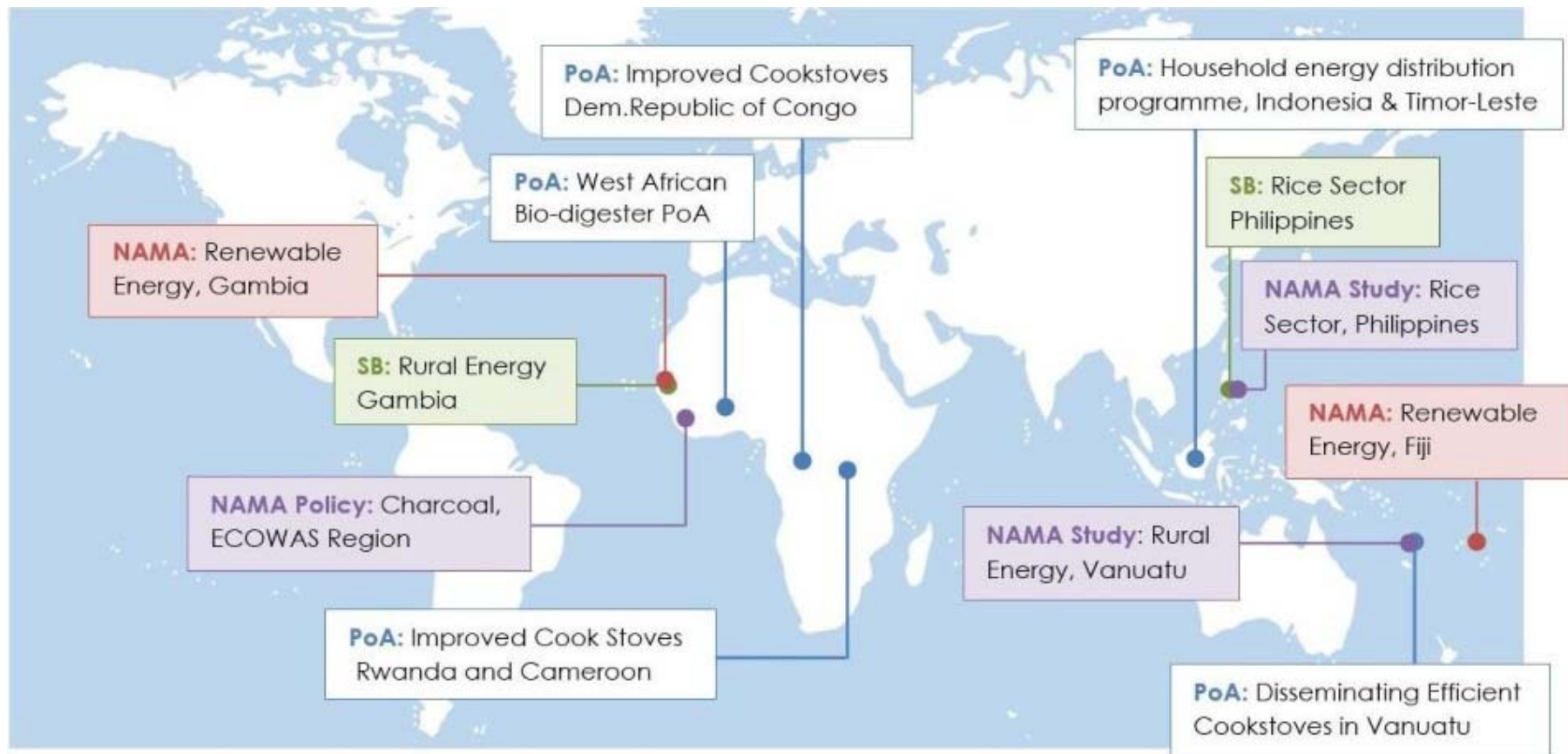
- Barriers in Developing National Mitigation Strategies and Actions in Developing Countries: Lessons learned from LECB
- Mobilizing private sector engagement in the context of LEDS and NAMAs: Lessons learned from LECB
- Good practice case studies on LEDS, NAMAs & MRV (with GIZ and International Partnership on Mitigation and MRV)

MDG Carbon



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Scaled up sector-wide mitigation activities through Standardized Baselines and CDM PoAs and NAMA assessments



Climate Finance Readiness



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UNDP/UNEP/WRI German GCF Readiness Support Programme

- Strengthen capacities to access sources of climate finance and develop a pipeline of bankable national programmes/projects

Climate Finance Options Platform

- Joint UNDP/WB online resource for navigating international sources of finance (www.climatefinanceoptions.org)

Tools & Resources



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- Nationally Appropriate Mitigation Action Study on Sustainable Charcoal in Uganda
<http://www.undp.org/content/undp/en/home/librarypage/environment-energy/mdg-carbon/NAMA/>
- UNDP Derisking Renewable Energy Investments (report + Excel tool)
(www.undp.org/DREI)
- Standardized Baseline assessment for Rural Off-Grid Electrification in Sub-Saharan Africa
http://www.undp.org/content/namibia/en/home/library/environment_energy/ruraloffgridelectri/
- Guidance Note on Standardized Baselines
<http://www.undp.org/content/undp/en/home/librarypage/environment-energy/mdg-carbon/standardized-baseline-guidance-note.html>
- Green, Low-Emission Climate Resilient Development Strategies toolkit
(<http://www.undp.org/climatestrategies>)
- UNDP Investment & financial flows methodology, funded by UNDP, UNF, Norway, Switzerland, & Finland (<http://www.undpcc.org/en/financial-analysis>)
- WB/UNDP Climate Finance Options portal (www.climatefinanceoptions.org)



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Thank you

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