

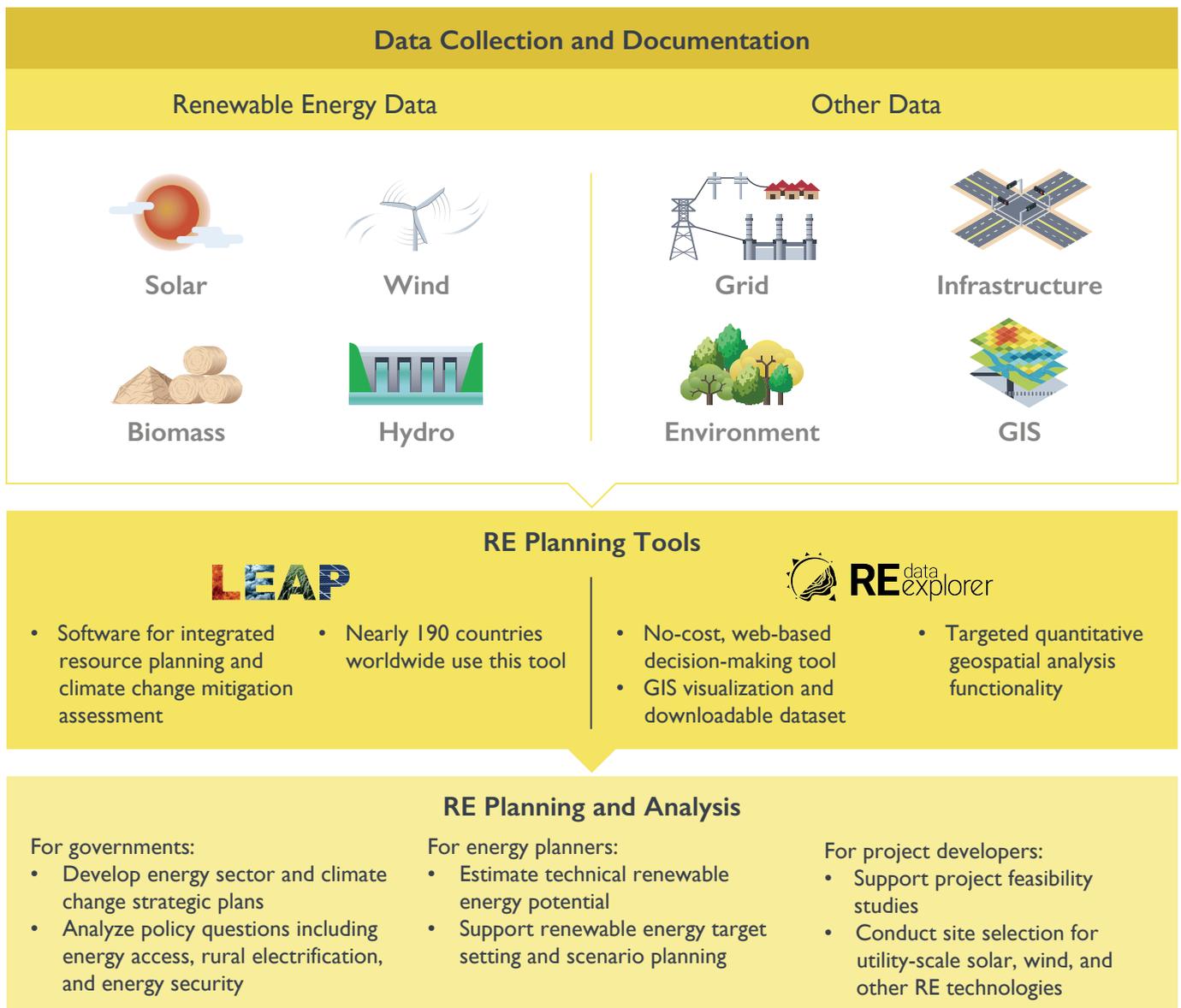


IMPROVING POWER SECTOR PLANNING

USAID Clean Power Asia works to promote renewable energy (RE) in Lower Mekong countries by collecting and documenting data, identifying tools, supporting RE analysis and planning, and increasing stakeholders’ understanding of planning for higher levels of renewable energy.

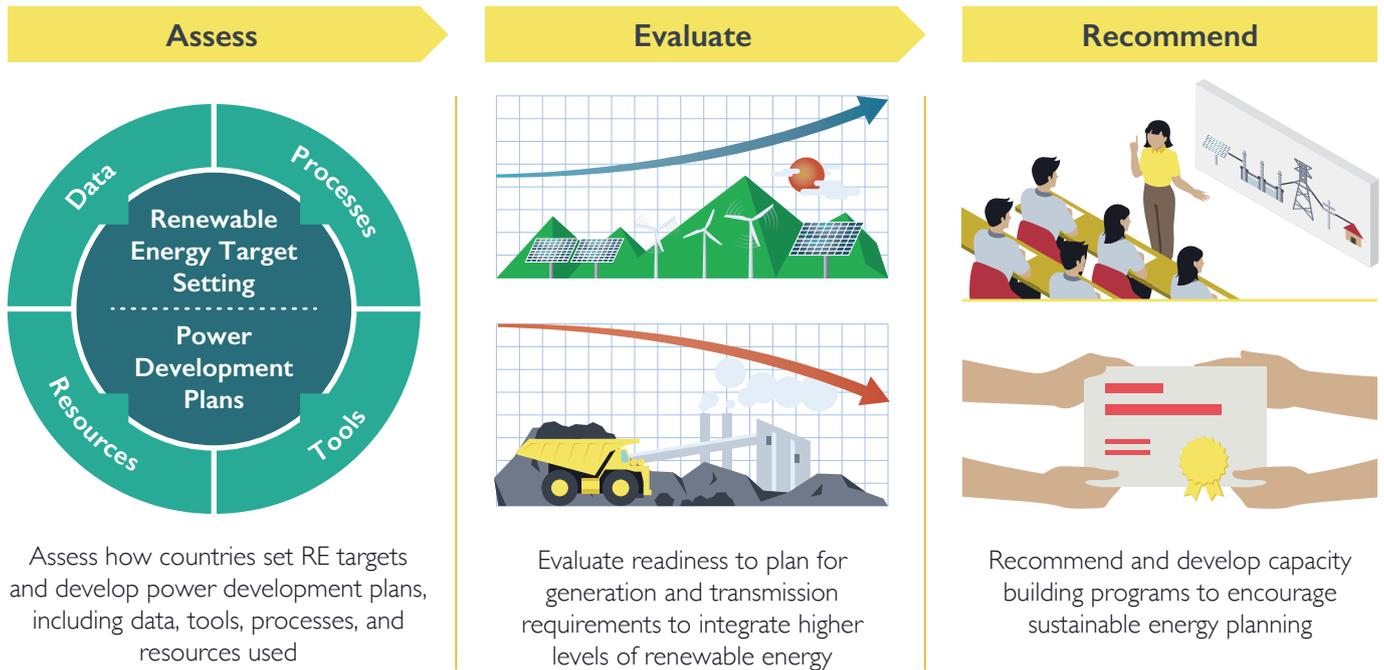
Improving RE Planning Data and Tools

Promoting higher amounts of renewable energy requires the improved availability and quality of RE data and tools for analysis, including technical and economic potential, RE zones, and grid integration studies.



Building Capacity to Plan for Increased Renewable Energy

Power generation planning assessments identify capacity building needs in order to incorporate higher RE targets into planning processes.



Expected outcomes

Country	RE Analysis	RE Target Setting	RE Zones	Grid Integration Studies	Improved Understanding
Cambodia	Technical potential	RE targets established			Improved understanding of RE Data Explorer and how to use tools for RE planning (Cambodia, Lao PDR)
Lao PDR	Technical potential and levelized costs	RE targets revised	RE zone designated/ established in at least one country		
Thailand	Technical potential and grid integration studies			Conduct grid integration studies in Thailand and/or Vietnam	Introduce approaches for analyzing higher RE levels, RE zones, and planning for grid integration
Vietnam	Technical potential and RE zones				

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