



Southeast Asia Clean Energy Facility ASEAN Energy Efficiency Outlook

Catalytic development capital to
accelerate the low carbon
transition in Southeast Asia

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Deploying early-stage development capital to accelerate the low carbon transition in Southeast Asia



High impact strategy

Deploy early-stage development capital via an experienced, local investment team creating a diverse, low carbon portfolio



Geographic focus

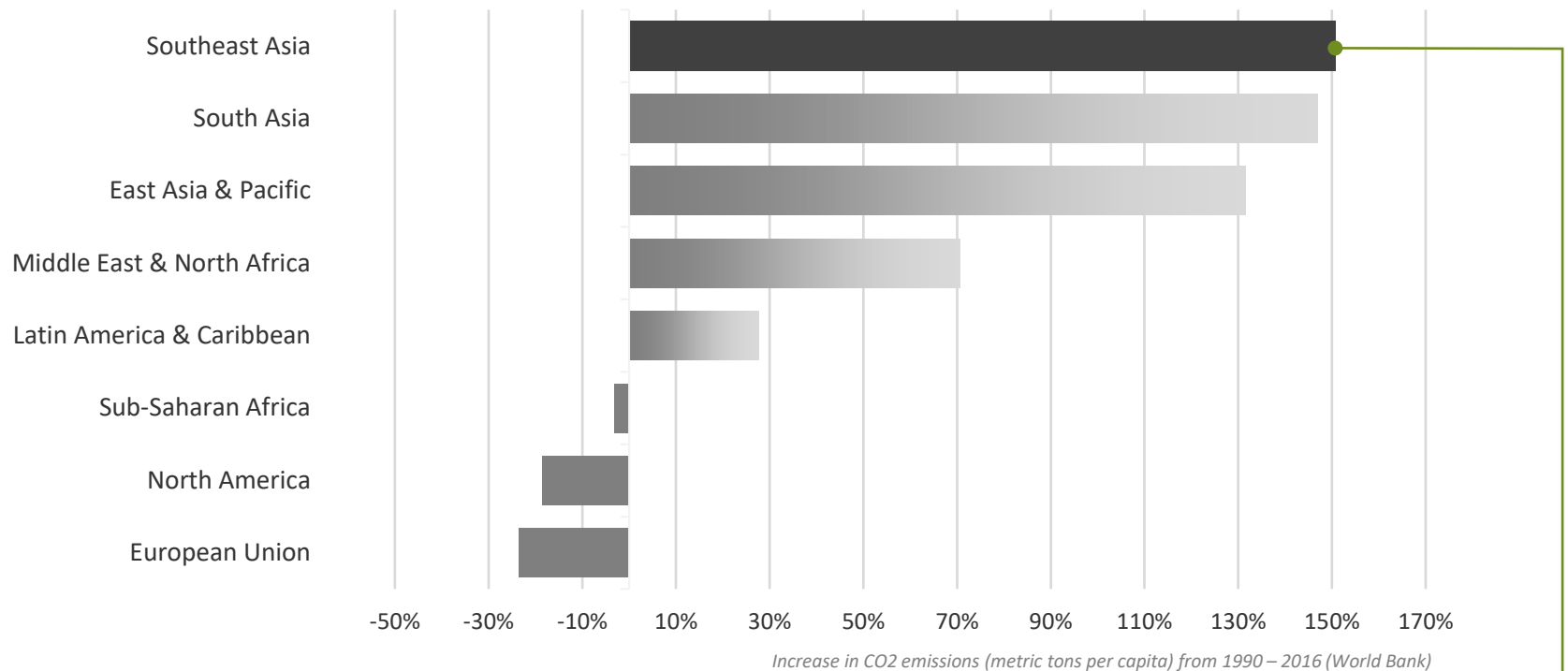
Indonesia, Vietnam, Philippines:
~75% of population, >80% of GHG emissions, and
~90% of the coal project pipeline



Sector approach

Focus on globally proven technologies and business models that are leading the clean energy transition – wind, solar, energy storage; as well as energy efficiency and electric vehicles

Significant capital is urgently required to stem CO2 emissions growth across Southeast Asia



Stemming the increase in CO2 emissions in Southeast Asia is the problem we seek to solve

We estimate that USD14b of early-stage development capital is required to unlock over USD500b of clean energy projects and businesses in Vietnam, Indonesia, Philippines

We focus on globally proven clean energy technologies and business models that will lead the low-carbon transition

Utility-scale projects:

- Solar
- Wind
- Energy storage



Distributed platforms:

- Distributed energy resources (DER)
- Demand-side management
- Energy efficiency
- Electric vehicles



SEACEF delivers climate impact at scale in Southeast Asia



Market moving

- Designed to ‘**crowd in**’ **private capital** through nimble, neutral structure
- Completed investments in **large-scale** early-stage projects supporting more than 1GW of clean energy capacity
- Focus on proven, **scalable**, **high-impact** technologies and business models fit for an immediate response



Unique in the region

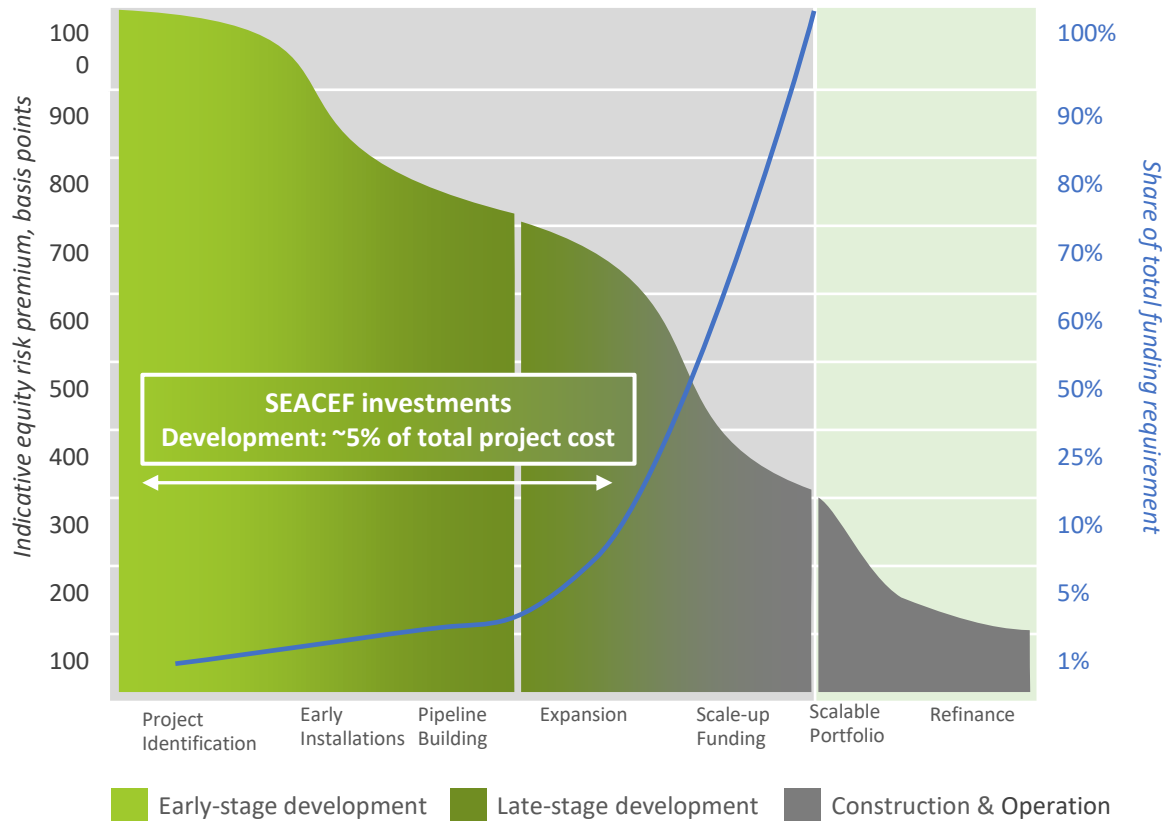
- Development capital to **seed early-stage clean energy** projects and companies
- Fund manager maintains **local country presence** allowing better deal flow, portfolio management
- SEACEF funders are amongst the **largest** international climate focused foundations, impact investors, and corporate investors



Leveraged impact

- Generate **large-scale climate impact** by catalyzing private capital at a targeted 50:1 ratio, catalyzing over **USD\$2.5b of clean energy** infrastructure
- **Diversified portfolio** across sectors and technologies
- **Serve as bridge** between local developers, private capital and multi-lateral donors

SEACEF addresses the “early-stage financing gap” for energy efficiency by providing high-risk capital expand platforms



- Relatively small amounts of early-stage capital provide significant catalytic support when purely private capital is unwilling or unable to invest
- Private sector appetite requires early-stage technical de-risking and advancement of key permits and approvals

SEACEF is advancing a portfolio of large-scale investments that delivers significant climate impact

	Capacity (MW)	Development Cost (USDm)	Project Cost (USDm)	Tons of CO2 offset over 25 years
Investment committed				
Indonesia Rooftop Solar Scale-up	300	3.0	165	9,200,000
Vietnam Wind Power Projects	330	9.0	460	15,180,000
Philippines Wind Power Project	500	10.0	870	22,990,000
Vietnam Floating Solar + Storage Project	500	5.0	500	9,360,000
Total	1,630	27.0	1,995	56,730,000

- SEACEF typically invests in convertible note structures, allowing conversion into a meaningful equity stake
- Opportunities exist for SEACEF LPs to provide additional capital
- Successful investments requiring co-funding / follow-on expected to provide 11-15% returns
- Current portfolio could absorb c.USD400m of equity to commissioning

SEACEF is funded and supported by recognized climate change leaders, many of which focus on the cooling challenge



INCUBATED AND
SUPPORTED BY:

Note: Fund LPs include ECF (as a feeder for CIFF, Sea Change, and other philanthropic investors), Microsoft, Sall Family Foundation, and a private trust

SEACEF benefits from grants and financial resources from recently established aligned programs that support EE

A number of globally-recognized foundations jointly support TARA, SEACEF, and ETP. SEACEF LPs benefit from this funding, insight, and early-stage to support regulatory change.



- Regranting initiative working in South, Southeast and East Asia (excluding India and China) and focused on climate and energy transition issues
- Supporting civil society actors to achieve a rapid transformation in the energy sector in order to meet global climate targets and ensure clean air for all citizens



- Partnership formed of governmental and philanthropic donor partners to support sustainable energy transition in Southeast Asia, with an initial focus on Indonesia, Vietnam and the Philippines
- Mobilizing and coordinating technical and financial resources to create an enabling environment for renewable energy, energy efficiency and sustainable infrastructures



- Capital facility providing catalytic capital and development support to early-stage clean energy projects and businesses in Southeast Asia
- Supporting globally proven technologies and business models that are leading the clean energy transition – wind, solar, energy storage; as well as energy efficiency and electric vehicles

Clime Capital provides extensive regional experience with Singapore hub and local presence in each target market



- Clime Capital is a licensed venture capital fund manager with the Monetary Authority of Singapore
- Members of the executive team have led other similar businesses and teams from early-stage development entry to exit and have worked together for 5 years
- The team incorporates investment and development expertise with long-term deep regional experience and relationships
- Senior country managers in each of Vietnam, Indonesia, and the Philippines identify and support investment origination, execution and management
- Clime Capital was selected as the best manager for SEACEF through a competitive process among 30 other candidates



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