



renewable
energy
& energy
efficiency
partnership

Developing markets for clean energy

REEEP: Global Strategy

Eva Oberender, Programme Director

Renewable Energy and Energy Efficiency Partnership (REEEP)

IEA Gaps and Strategic Opportunities in International Collaboration on low-carbon energy technologies, Paris, 27 February 2014

1. Context of REEEP's initiation
2. Scope and mode of REEEP's activities
3. Mechanisms for collaboration



Environmental Finance, October 2003



REEEP is “a new kind of partnership that draws on the expertise of everyone with a stake in sustainable development”.

Tony Blair, 2002

REEEP is a public-private partnership set up to accelerate the market for clean energy

Established through the WSSD in Johannesburg in 2002

- **10-year track record of finding innovative projects and cutting edge information and knowledge management**

Works with both governments and the private sector

A strong network of 385 partners, 8500 Friends of REEEP and specialised networks such as:

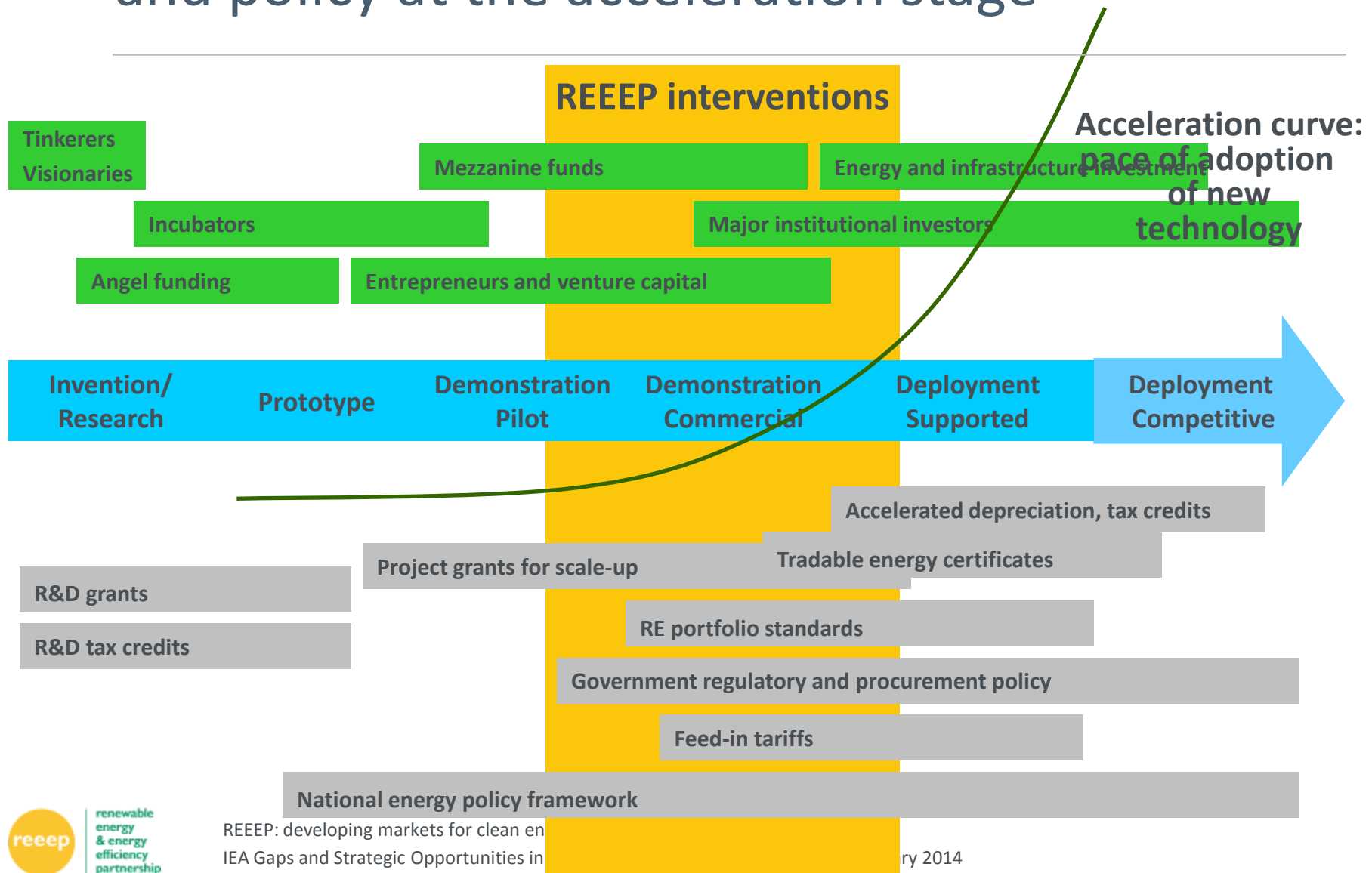
- **SERN (Sustainable Energy Regulation Network)**
- **REIL (Renewable Energy International Law)**

Driven by a bottom-up approach to meet specific needs



Vision

REEEP specifically targets both investment and policy at the acceleration stage



REEEP is deeply rooted in a collaborative approach: 385 partners, 8500 network partners

Strategic alliances



Ongoing activities



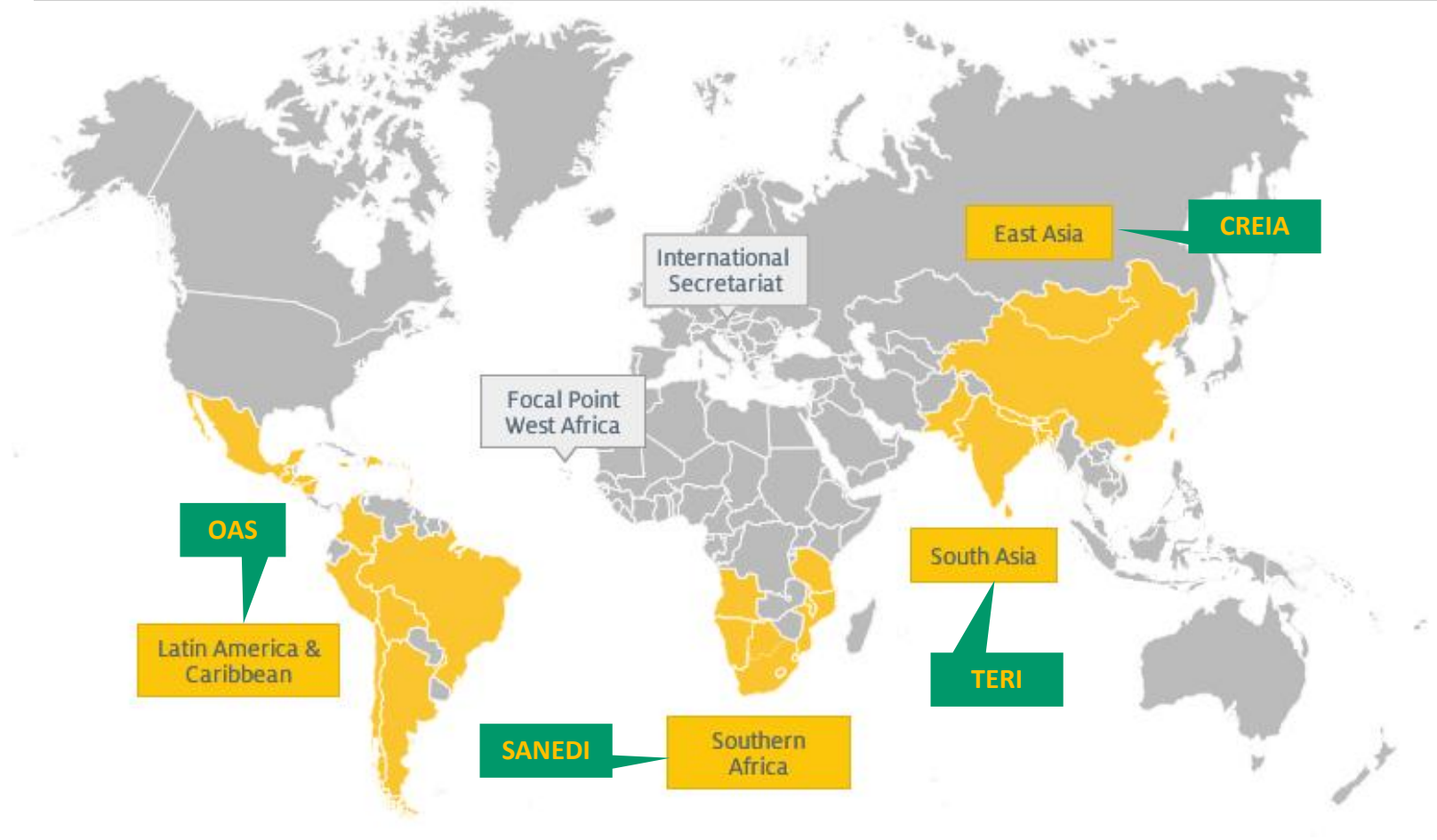
UN processes



Governments



REEEP's regional offices are anchored in established research, industry and intergovernmental org's



REEEP focuses on four categories of activities



REEEP TOOLS



PROJECT CALL FACILITY

Search engine for entrepreneurs and business models



INVESTMENT ACCELERATOR

Business mentoring and matchmaking for private growth financing



OPEN DATA & KNOWLEDGE

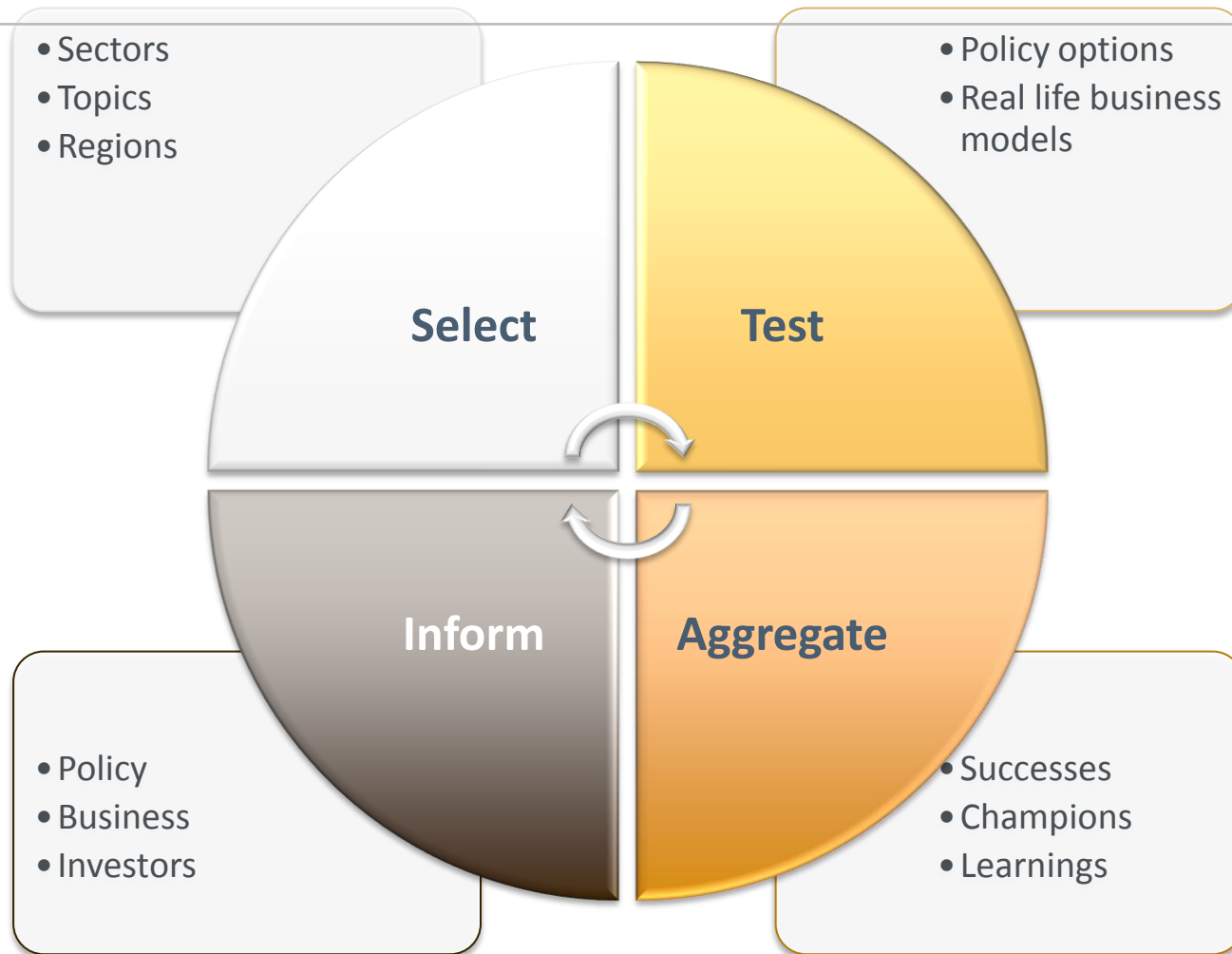
Clean energy information resources for business and policy



PRACTICE-BASED POLICY

Evaluating and distilling practical experience into conducive policy prescriptions

Project Call Facility – Strategic Use



[illegible]

Examples of support initiatives

- Direct assistance government agencies for policy or regulation development and implementation
 - China Wind Roadmap
 - Namibia Feed-in Tariff
 - Tonga Energy Roadmap
- Industry energy efficiency programmes
 - Metal casting in Karnataka (India)
 - Fuels switching in Indonesian tofu and tempe factories
- Regional and global initiatives
 - Development and implementation of building codes for the UEMOA region of West Africa
 - Development of RETScreen software (CanMET, GEF, NASA) – 400,000 users, 33 languages

REEEP Knowledge Building

Data management

- reegle.info – 2.5m users per year



Knowledge management

- Valuable experience and policy learnings from REEEP projects

Energy Data Exchange

- Increase availability and accessibility of data for stimulating clean energy markets

Knowledge networks

- Energy regulators SERN
- Policy and legislation networks REIL



Image from http://www.wheels24.co.za/News/General_News/Jozi-traffic-among-most-painful-20110908

With increasing wealth, under a 'business as usual' scenario the world will buy hundreds of millions of cars in the next 30 years

Linked Open Data for sustainable transport

- Congestion costs cities \$billions/yr in productivity, crashes and traffic management
- Transport sector fastest growing source of GHG emissions - projected to increase by 57% (2005-2030) and by over 80% by 2050
- Work across sectors to support planners, policy-makers and operators to analyse and make use of both transport and non-transport data to **identify sustainable transport interventions** to meet demand effectively and to support consumers



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Thank you!

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Global strategy to accelerate clean energy markets

Three ways to help create markets

PROJECT CALLS linked to PHASED FINANCING FACILITY

**INTERVENTIONS:
large scale, sector specific, targeted**

**ENHANCED LEARNING AND BEST PRACTICE:
Policy, data, knowledge management**

Interventions

We are past ideas. Now we entering the **age of implementation.**

REEEP Interventions

- Strict focus on **scale-up** – design around sectors, topics, and regions
- Retains REEEP's ability to drive long-term outcomes
- Based on evaluation of projects in the clean energy field
- Building long-term **insight, knowledge** and cooperation
- Includes opening up **access to information** through reegle.info
- Stimulate specific networks to find, foster, and fund **champions** as the central agents for scale-up



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1bn m2 of Energy Positive Buildings

- Lock-in of housing policy unsustainable
- Potential for GHG emissions high
- Market transformation as a theory of change
- **Developing markets for positive energy buildings** in emerging economies, with a particular focus on affordable urban housing.
- Focus on providing positive energy building **solutions for people shifting from the informal building sector to the formal building sector.**

Enhanced learning and best practice

REEEP Knowledge Building

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Knowledge management

- Valuable experience and policy learnings from REEEP projects

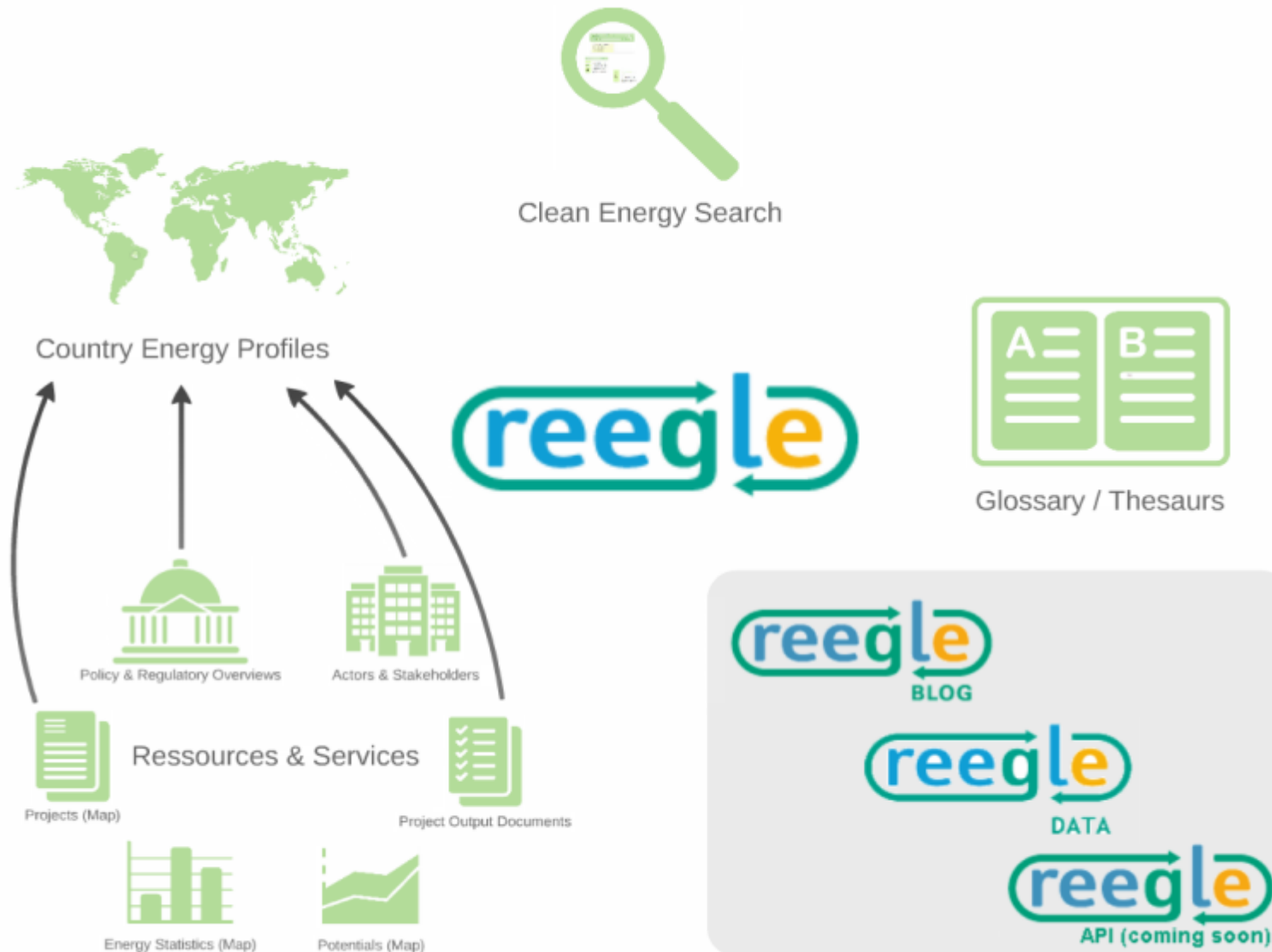
Energy Data Exchange

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Knowledge networks

- Energy regulators SERN
- Policy and legislation networks REIL

REEEP operates reegle.info, the clean energy portal with 220,000 unique users per month



Project call facility

REEEP Project Call Facility as a key asset

Large network of project developers

Solid management and reporting system

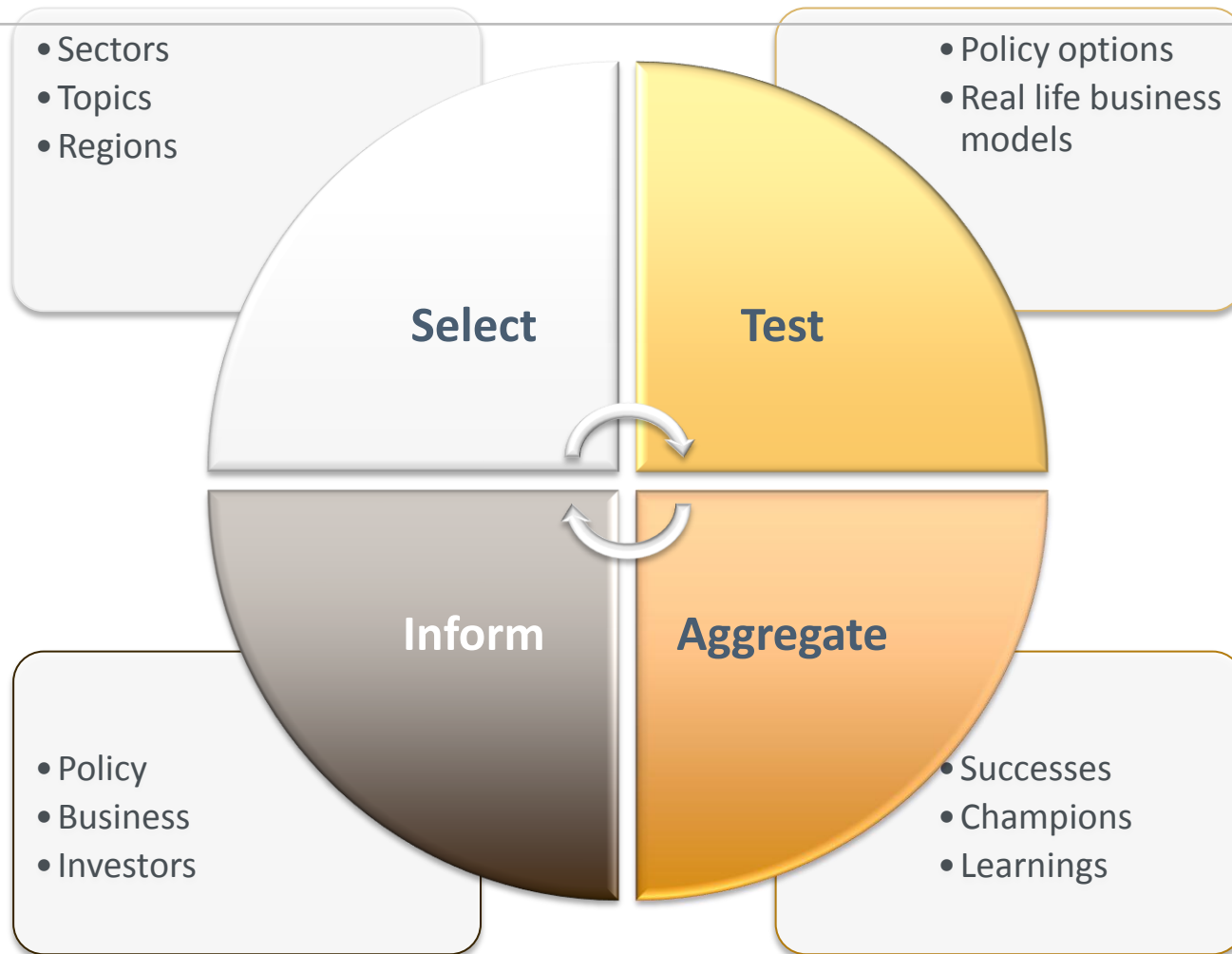
Rapid deployment – only 4 months from call to project award

MRV through local Regional Secretariats

Grants up to EUR150,000 - ideal for start-up funding

Aggregate learnings for policy and investment

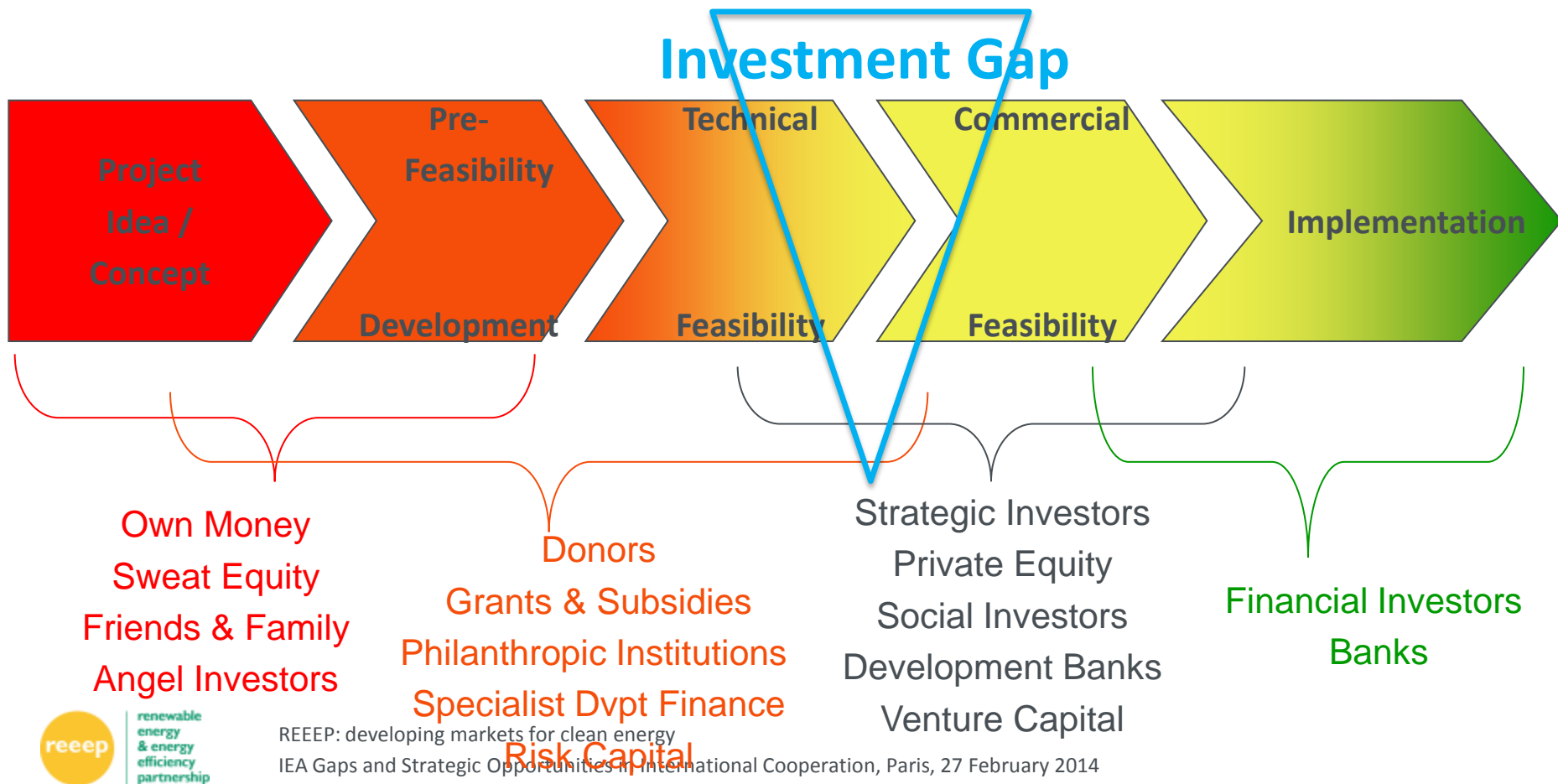
Project Call Facility – Strategic Use






Phased Financing Facility for effective scale-up

Addressing a key investment gap in the project development value chain

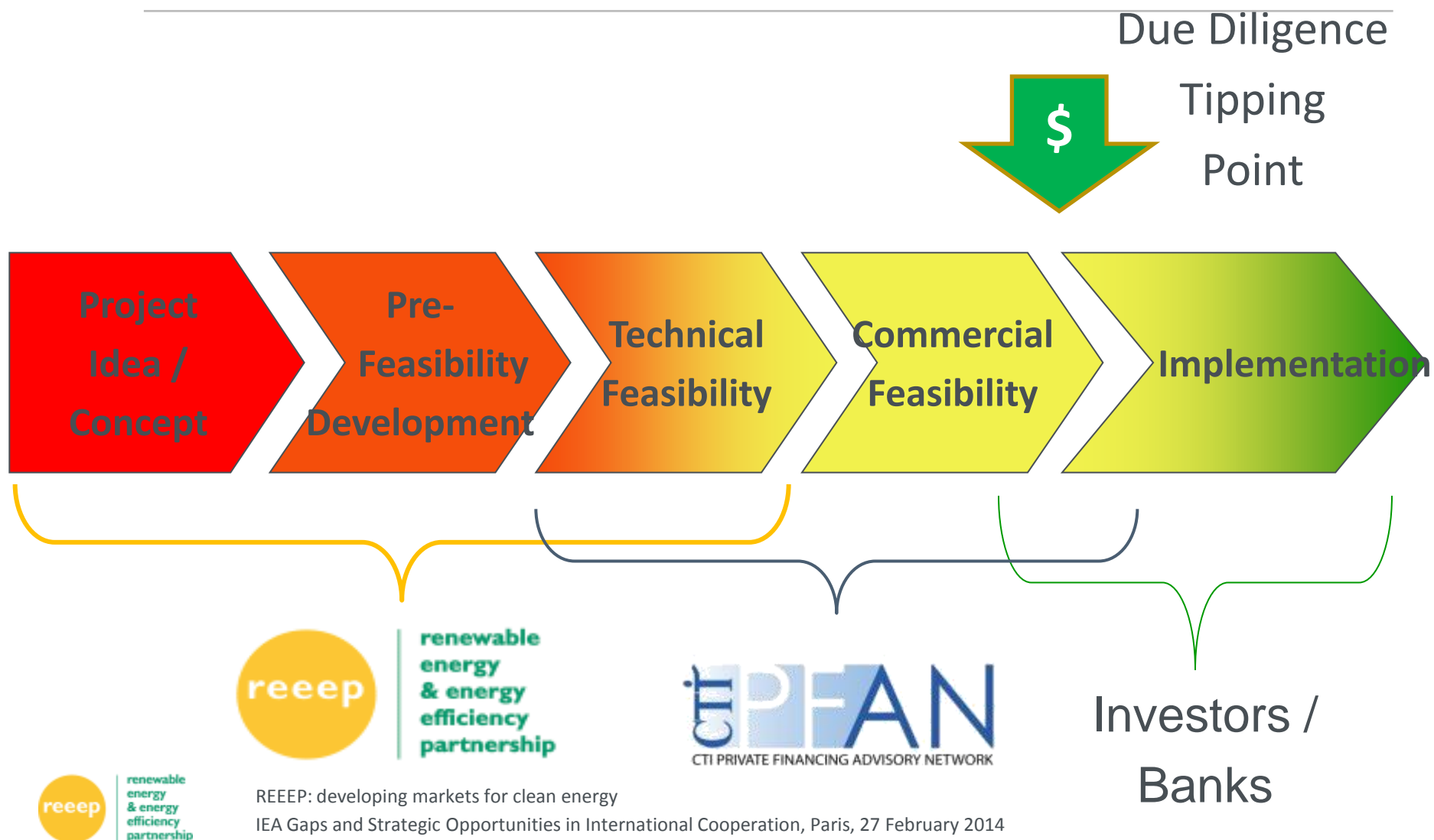
High Risk → **Decreasing Risk**



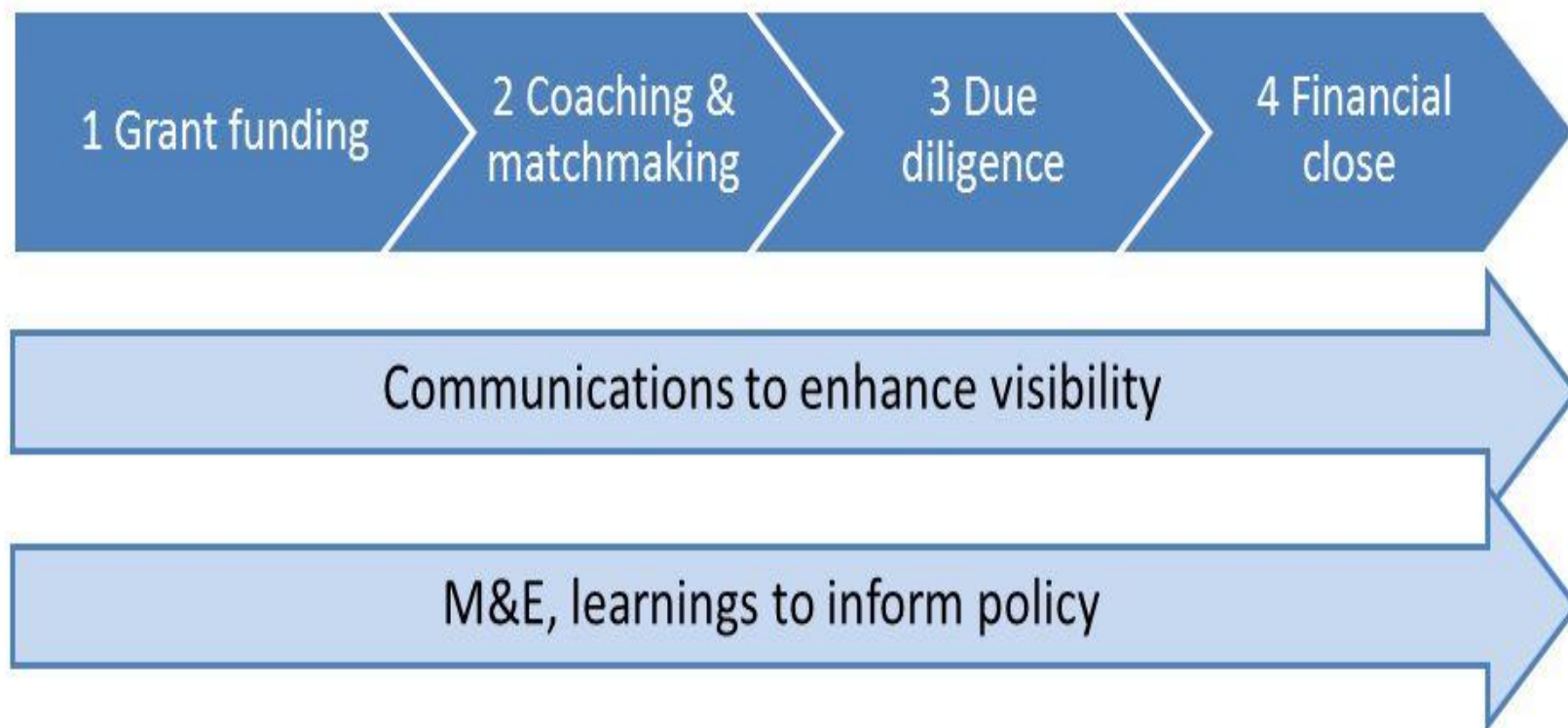
REEEP and CTI PFAN cooperation for effective successes in clean energy projects

- 
 - 185 clean energy projects – focus on stimulating markets in developing countries and emerging economies
 - €25 million in grant funding / leverage 1:2
- 
 - 164 Projects in project development pipeline: US\$5 bn investment
 - >2000 MW of clean capacity / > 7 bn tonnes CO2 e pa
 - US\$500 million investment raised / 40 projects
- We understand Project Development, Financing & Implementation

Critical Funding Points

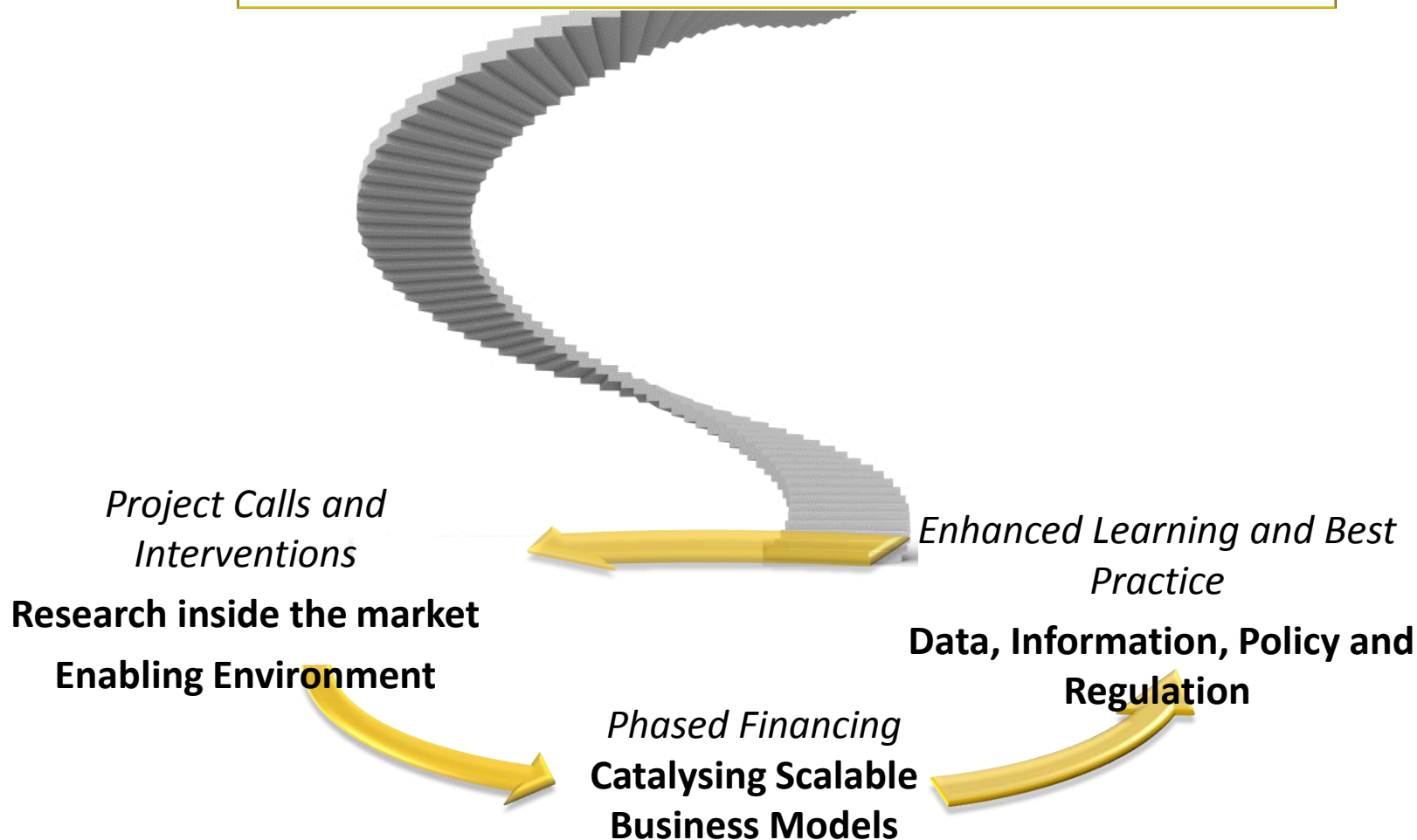


Phased Financing Facility – 6 Elements



IN SUMMARY

Scaling up clean energy solutions





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