



renewable
energy
& energy
efficiency
partnership

Erfolgsfaktoren bei der Schaffung von energie-effizienten Systemen

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Who is REEEP?

What do we mean by EFFICIENT?

Key factors for efficiency

Ambitious goal setting

Financing up-scaling

REEEP Facts

- Public Private Partnership
- Set up at WSSD in 2002, initiated by UK government
- 45 governments – 385 partners – 8000 Friends of REEEP
- 185 projects funded – €18.6 mio + 36.3 mio leveraged, 58 countries
- Info portal reegle.info with 2.5 million visitors in 2012
- Four Regional Secretariats hosted by strong partners
- Policy networks

Vision

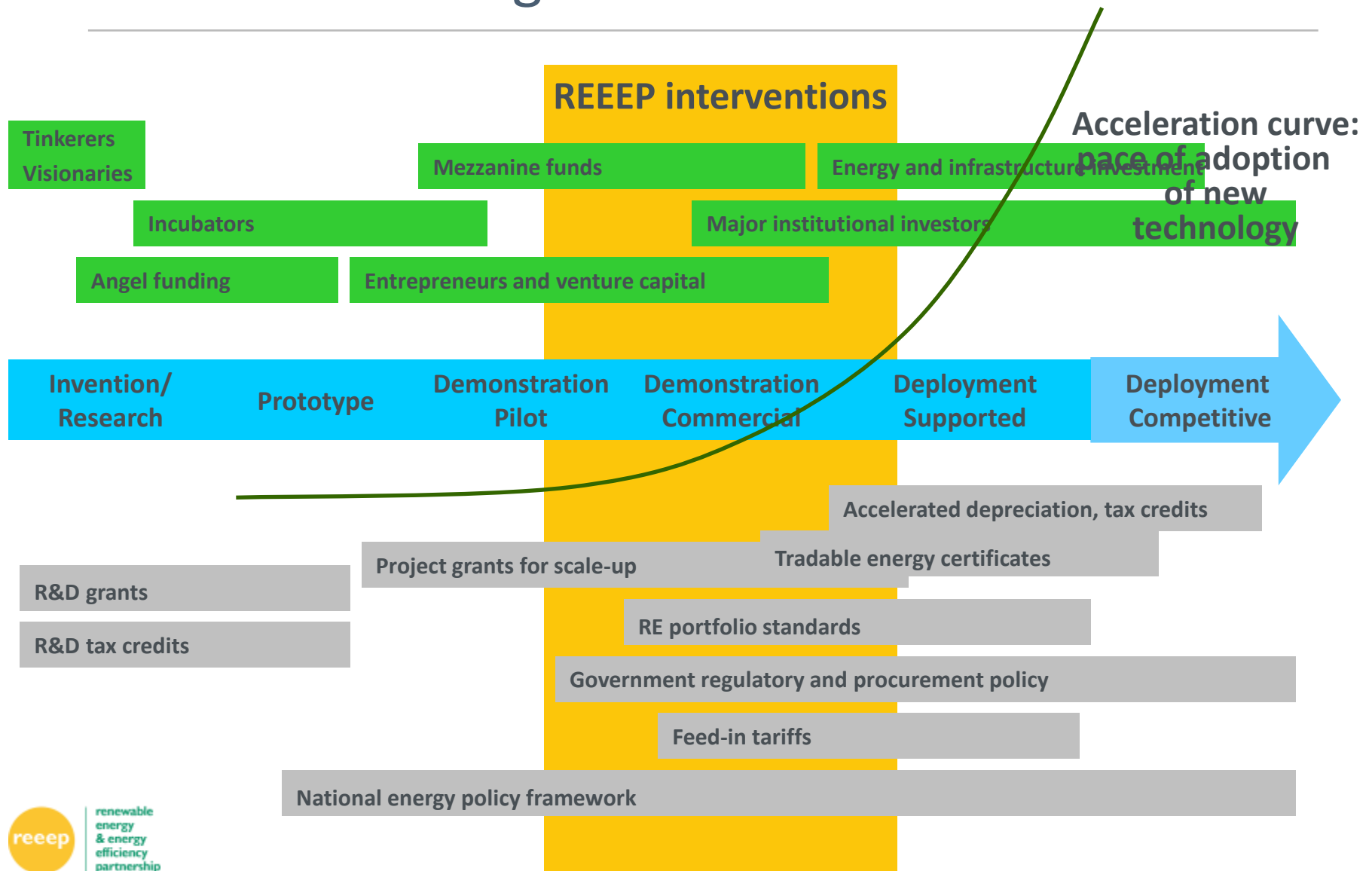
Vision:

global transformation
to clean energy systems

Mission:

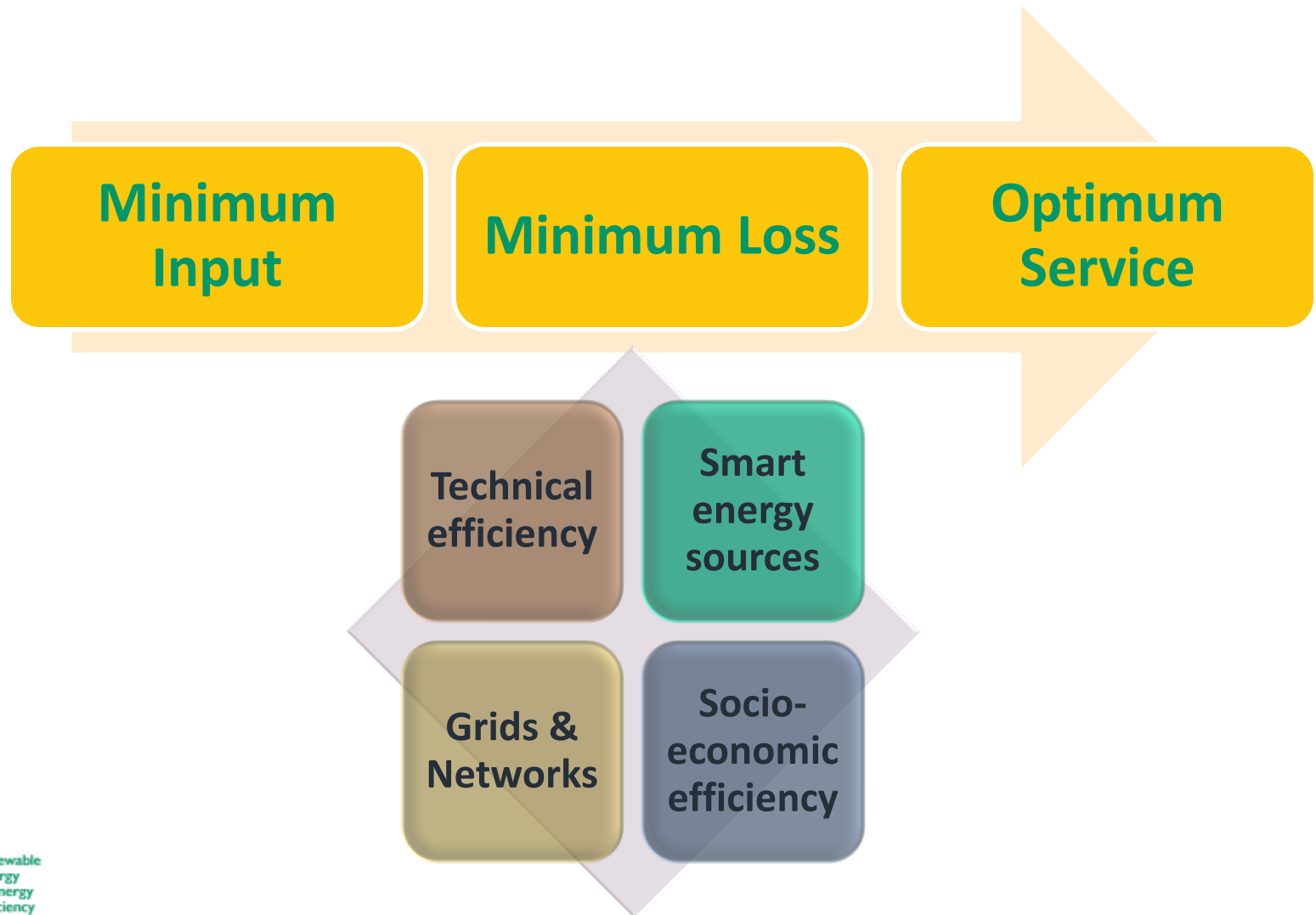
accelerate take-up of RE and EE in developing
countries and emerging markets through
focusing on scaling up successful solutions

REEEP specifically targets both at the acceleration stage



What do we mean by Energy EFFICIENT?

Energy-efficient systems





Up-scaling EE in metal-casting in Southern India

- Price, markets, information sharing

- Replicate a successful energy efficiency drive in Coimbatore in four other metal-casting clusters
- Establish and train advisory and technical back-up support in each cluster
- Install 12 new metal-casting demonstration units, three in each cluster
- Train local metal-casting firms in best operating practices
- Hold four state-level policy forums
- Reduce energy consumption by 5800MWh/y
- Cut CO2 emissions by 1.5 million tonnes



Greening of China's supply chains: a blueprint for optimising EE in factories

- Loans, investments, reduced risk

- Brands Levi Strauss, Adidas, H&M and GAP implement a comprehensive supplier EE programme for 20 factories in China
- Develop tools for suppliers to monitor energy use and track own performance
- Hold training workshops on energy and data management, analysis, energy saving measures
- Identify EE projects that can be bundled together for financing
- Recognise leading factories for their efforts
- Cut CO2 emissions by 38,000 tonnes and save 50,000 MWh energy annually



Photo: Tom Bannigan

Solar charging stations for E-bikes in Vietnam

- Social and economic impacts

- 40% of emissions in Hanoi come from motor vehicles; motorcycles being the primary source
- Electric two-wheelers (e-bikes) offer a solution - strong support from government
- Combine this innovative technology with a social entrepreneurship model – solar charging stations run by disabled people
- Contributes to Vietnamese government's goal of providing suitable jobs for 250,000 disabled people by 2015



Mainstreaming EE in building codes in West Africa

Regulation

- Develop a voluntary regional EE Model Building Code based on the Benin experience for implementation by UEMOA countries, with a regional standards body for support.
- Conceptual building code in Benin shows that 35% energy savings can be achieved through EE technologies and best practices
- Experts in Burkina Faso and Niger develop the draft regional EE Model Building Code
- Develop TORs for 3rd party certification programme and toolkit



Incremental progress – by % points – is not enough





Financing the up-scaling of integrated business models

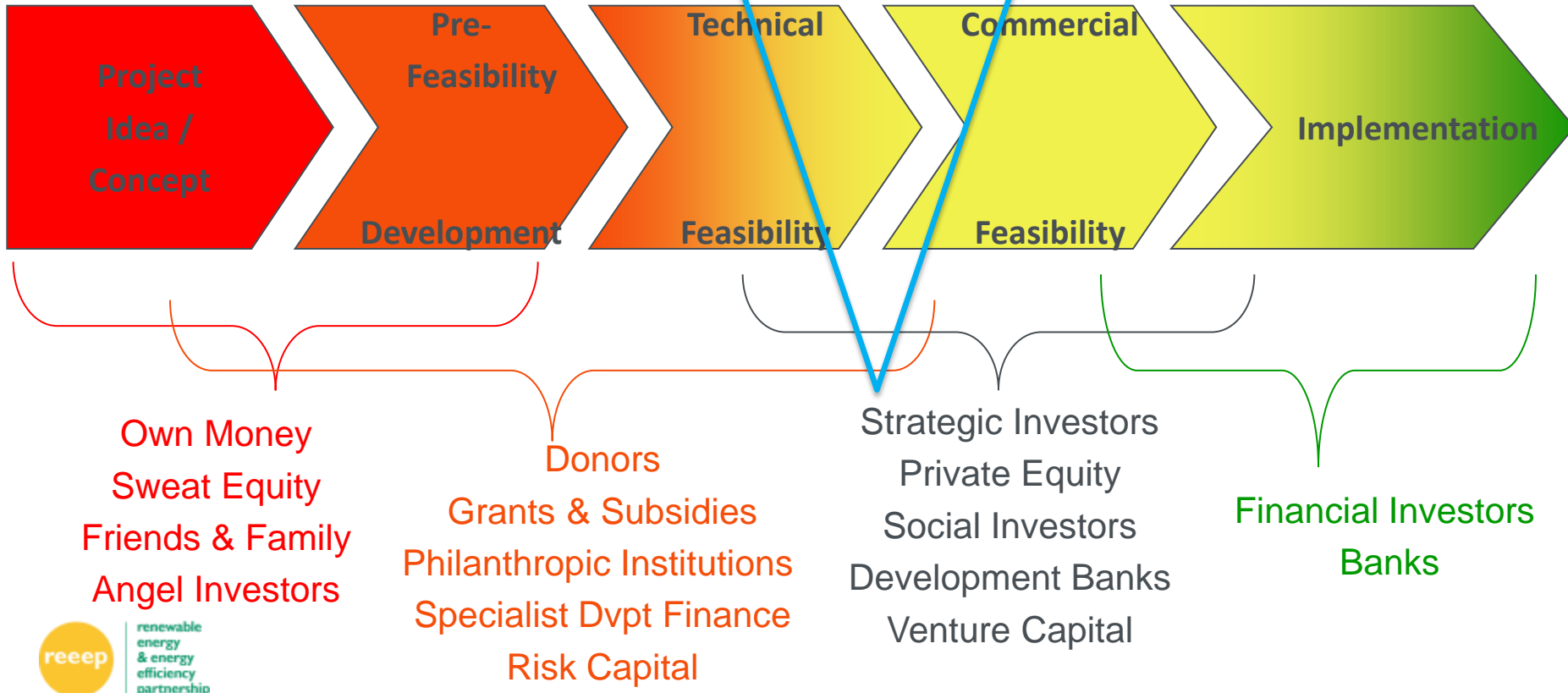
Project Development Value Chain

High Risk

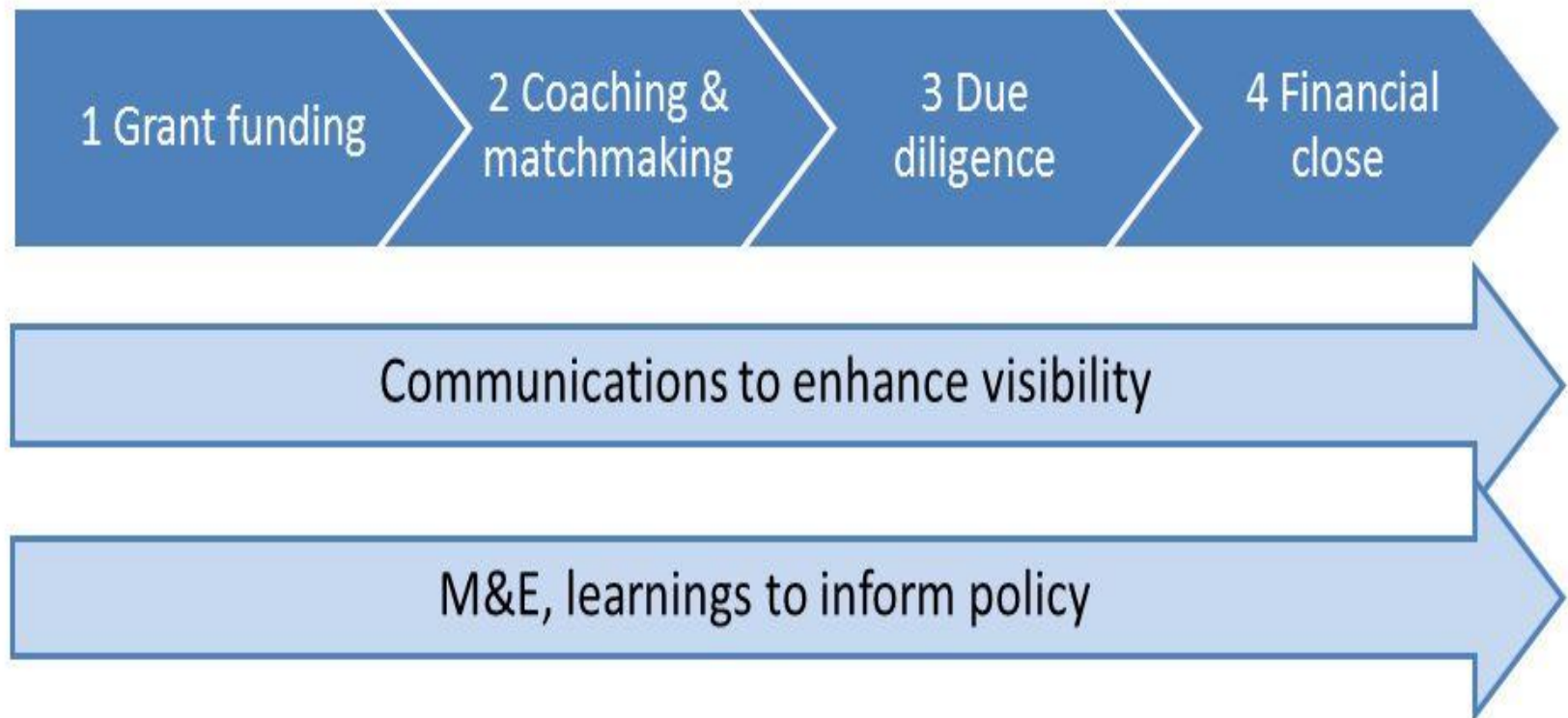


Decreasing Risk

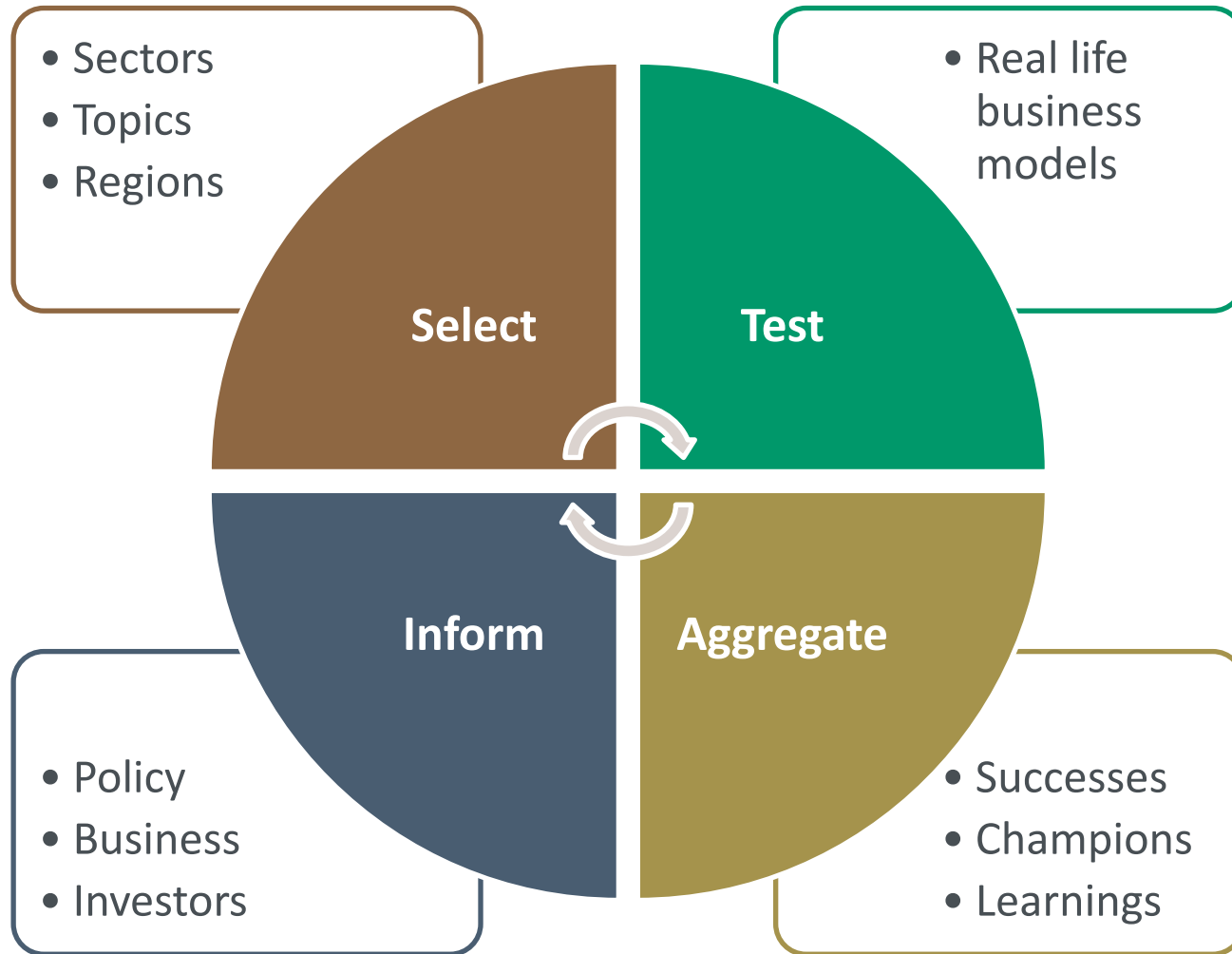
Investment Gap



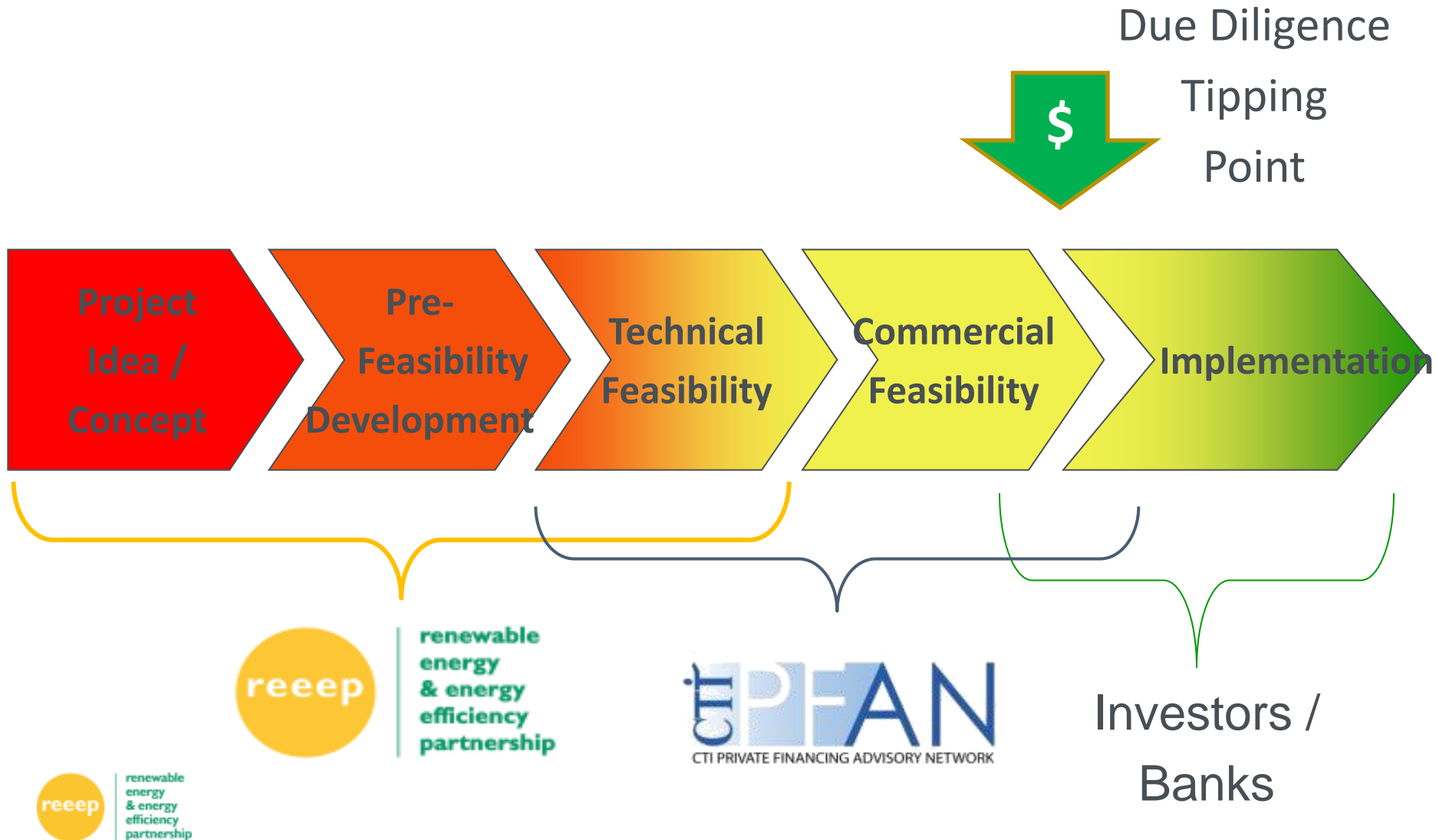
Phased Financing Facility – 6 Elements



Project Call Facility – Strategic Use



Critical Funding Points



REEEP 10th Project Call 2014

Enabling Environment

- Classic REEEP Call
- Legal frameworks
- Market analysis
- €150,000.-

Phased Financing Facility

- Promising business models
- Aims at private investment
- Up to €300,000.-

Planned for Q2 2014 – Target €10 mio

Make clean energy development relevant to co-benefits



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Thank you!

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