





EUROPEAN COMMISSION

#### DCI BOARD MEETING 14.10.2015 **FMO – Marc Buiting and Frederik J. van den Bosch**











#### **Delivering Electricity**







Many important investments are done at small scale and large scale, but mind the gap

Many initiatives do not come off the ground as they are

- Too big for some, too small for others hence "new" financial structuring is required
- Too risky combination of factors (techniques, parties, location)
- Or require new forms of cooperation (payment systems linked to energy)

ElectriFI aims to be a flexible answer, yet aligned with the developers/investors.

# HOW ELECTRIFI



## ElectriFI aims to

- upscale or bundle the small initiatives,
- support mini-grid initiatives,
- solutions that have outgrown grant funding and seek financial sustainability,
- etc.

## All with the goal to

- Provide new access to electricity
- In a financially sustainable way





#### This will be

- mostly renewable, not always
   (some systems require fossil fueled back-up for reliable service)
- for companies and households and social infrastructure





All financial products are possible; from TA and Investment Grants to Debt and Pref Shares. We foresee a few main levels (as very early, early and follow on financing)

- at a very early stage through <u>subordinated debt</u> and <u>convertible grants</u>: monies made available will be repayable upon reaching certain milestones (such as completion of feasibility studies, financial close, project completion, etc.) or
- at a somewhat later stage through <u>direct investment</u> by <u>subordinated/junior debt</u> or
- at a follow-on stage through <u>contingent risk capital</u> to be used to cover delay damages, cost overruns, etc. in order to reach completion of investments



#### Product, term & conditions

Overview				
Vintage	2015			
Strategy	<ul> <li>Provide support to electrification ventures in developing countries through:</li> <li>long term high risk finance (possible in different forms) and</li> <li>in-kind contribution through advisory services in making propositions bankable.</li> </ul>			
Currency Investments	EUR / USD / LCY			
Returns	<ul> <li>The goal is to align with the sponsors and share benefits as we share the risks.</li> <li>As a rule of thumb 2/3 of the expected equity returns of a specific ventures.</li> <li>Pending on the progress of the investment case ElectriFI can decide: <ul> <li>to not or only partially convert the TA or grants into a repayable version, or</li> <li>to (partially) convert but forgo (partially) on returns which can be low or zero interest</li> </ul> </li> </ul>			
Initiative Size	EUR 75 million			
Conversion	<ul> <li>Milestones envisioned are for example:</li> <li>Upon reaching financial close for projects</li> <li>Upon reaching certain solvency ratios for corporates</li> </ul>			









# Flow of Investment Proposals







Examples

	Early Stage Capital Project	Junior Loan Project	Closing Gap Capital Project	Junior Loan Company
Private Sector	Small scale hydropower projects grid-connected Minigrids	Grid-connected IPP with possibility of minigrid to surrounding villages	Grid-connected IPP in less bankable countries Groundbreaking IPPs like first large-scale windpark or solar plant Solar Home Systems, Solar Kiosks + minigrid ventures	Diesel-replacement by solar through service companies Lighting efficiency projects (LED) through service companies Anchor load business models
Public Sector	Rural electrification projects	Rural electrification projects		Diesel-replacement by solar through service companies Lighting efficiency

projects (LED) through

public utilities





#### **Project Selection and Support**

Most important for any project selection is

- Improved/new access to energy (for individuals, households, enterprises)
- Job creation, green, sustainable, inclusive growth
- ElectriFI financing will be additional, neutral, etc.
- Financial Sustainability is a very important short term goal (not a pre-condition)

#### Project support process

- TA Unit can help (financially) structure the investment
- Upon financial success (tbd) also TA to be repaid

#### **Financial products**

- Flexible financing, aligned with sponsors,
- From start up financing to early stage follow-on financing (until others take over)
- Target range for ElectriFI contribution EUR 2-5 mln (min EUR 500k max EUR 10mln)





Thank you. Stay connected:

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