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CAPACITY
BUILDING

Webinars and Expert-Insights videos

Training on Mobilizing private capital through PPPs and Blended Finance for the Clean Energy Transition

Welcome to the IDFC Facility Training on Mobilizing Private Capital through PPPs and Blended Finance for the Clean Energy Transition. This training toolbox gives you access to tutorial sessions recorded during the IDFC Facility training held in Paris, hosted by AFD from July 7-11, 2025. Through this content, you will gain insights into global and regional trends in renewable energy investment, core concepts of Public-Private Partnerships (PPPs) and blended finance, financing structures and the role of stakeholders in PPPs, as well as practical case studies. This training was designed to:

- Enhance participants' understanding of PPPs and their application in clean energy transitions.
- Equip participants with tools to identify, assess, and structure PPPs and to apply blended finance approaches for renewable energy projects/investments.
- Provide insights into global trends, policy frameworks, and financing mechanisms that have proved effective in Emerging Markets and Developing Economies.
- Facilitate peer learning and exchange among IDFC members and key public and private sector stakeholders.

Click here to access the videos playlist

Or scroll below to see each session and click directly to open the videos on YouTube.

NEW series of 5-minute Expert Insights videos !

As part of our effort to enrich the training materials, the IDFC Facility has launched a new series of short videos featuring leading experts. These 5-minute videos capture authoritative perspectives on key themes, and for this training, in energy finance and blended finance strategies. The series kicks off with 3 distinguished experts from the global energy investment ecosystem:

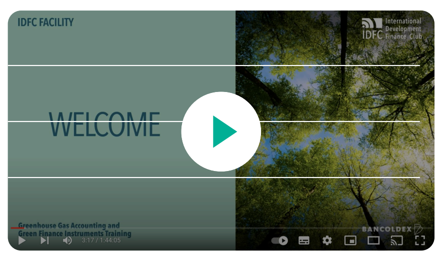
- Cecilia TAM, Head of Energy Investment Unit, International Energy Agency,
- Regina ROSSMANN, Manager, Training & Engagement, Convergence,
- Paul HORROCKS, Head of the Private Finance for Sustainable Development Unit, OECD

Click here to access the Expert Insights series playlist

Click on a video to open it in youtube

Cecilia TAM

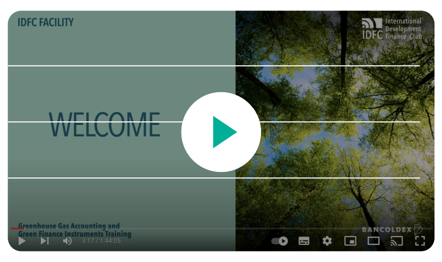
Head of Energy Investment Unit, International Energy Agency



VIDEO

Regina ROSSMANN

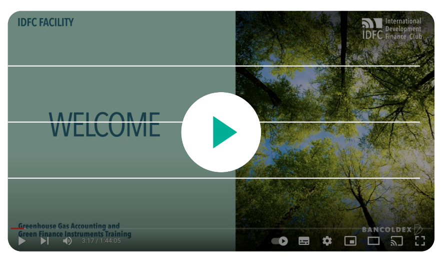
Manager, Training & Engagement, Convergence



VIDEO

Paul HORROCKS

Head of the Private Finance for Sustainable Development Unit, OECD



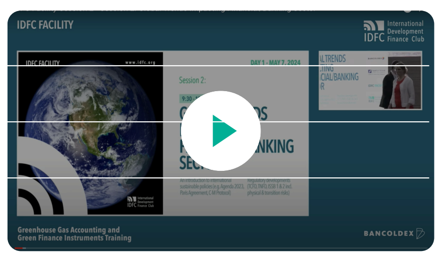
VIDEO

Click on a video to open it in youtube

Recent trends in clean energy investments

Insights from IEA’s world energy investment 2025 report

Part I.



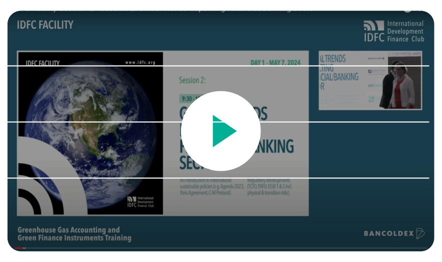
VIDEO

The IEA share key findings from its World Energy Investment 2025 report, a global reference for tracking capital flows in the energy sectors. The presentation explores how investors are navigating risks and opportunities across fuel and power supply, critical minerals, efficiency, R&D, and energy finance. It highlights major trends shaping energy investment over the past decade across technologies and regions, and offers fresh insights into financing sources and the pivotal role of development finance institutions in emerging markets and developing economies.

Recent trends in clean energy investments

Insights from IEA’s world energy investment 2025 report

Part II.



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Understanding the clean energy finance ecosystem

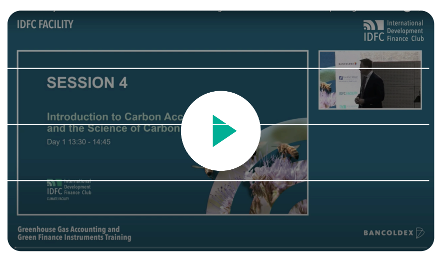
Challenges

VIDEO

This session provides an overview of the characteristics and key challenges specific to renewable energy (RE) projects, along with the features of electricity production and market organization that directly impact financing, from appraisal and risk assessment to structuring. It then introduces methodologies to categorise RE projects and presents a matrix to assess outcomes for financiers, helping tailor financing models to different risk appetites regarding market exposure and production variability.

Understanding the clean energy finance ecosystem Key projects and stakeholders

Part I. RE projects risk identification and assessment



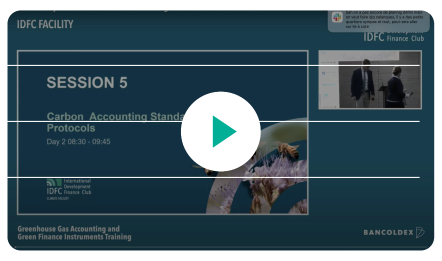
VIDEO

This session introduces the critical components of risk identification in RE projects, considering both their relative importance and impact on project viability, as well as the underlying assessment methodologies and key appraisal considerations. It highlights how RE projects face many risks common to infrastructure and power investments (e.g., construction risk, off-take risk), while also dealing with risks specific to renewables such as intermittency, grid integration constraints, and natural resource variability.

Click on a video to open it in youtube

Understanding the clean energy finance ecosystem Key projects and stakeholders

Part II. Risk mitigation and financing plan

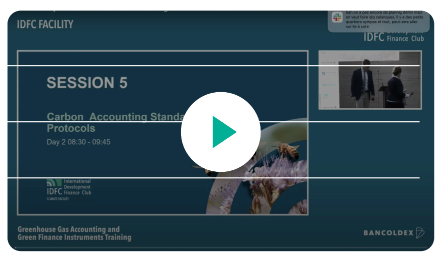


VIDEO

This session focuses on risk-mitigation measures with particular attention to financial planning, including full project-costing and identification of funding and financing sources. From a lender's perspective, it examines how risks can be allocated across financiers and project stakeholders within the financing structure, notably in PPPs and blended-finance approaches. It also outlines the conditions lenders typically set to monitor risks and their occurrence, and explains how blending instruments can support mitigation. Concepts covered include IFIs' preferred-creditor status, seniority and ranking, co-financing structures such as A/B loans, and the use of grants (for technical assistance or CAPEX) and first-loss guarantees.

Financing renewable energy PPP projects Development methodology

RE projects stakeholders



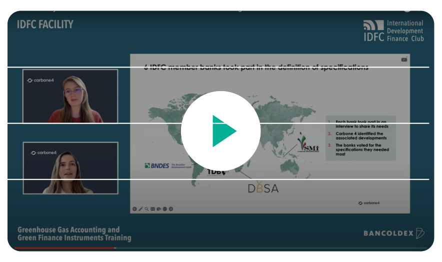
VIDEO

This session covers the project-development methodology for PPP-structured investments and the typical due-diligence process for large, utility-scale power and renewable energy projects, from early inception through approval and monitoring. It provides guidance on structuring PPPs and defining the terms and conditions for the various public and private stakeholders involved. It also introduces key financial concepts particularly relevant for RE projects, such as cash-waterfall structures.

Financing renewable energy PPP projects

Development methodology

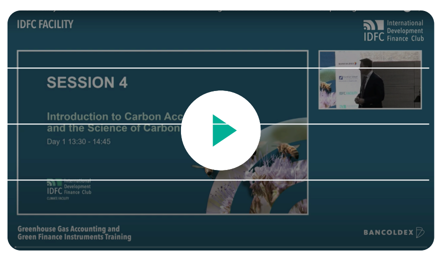
RE Projects financial modeling



VIDEO

This session reviews the generic settings and standards for financial models, what should be expected from them, and the specific features of debt structuring for RE projects. It will then offer a hands-on exercise to conduct a sensitivity analysis and define the requirements needed to ensure sound and transparent operation of the model across versions, taking into account generic and RE-specific parameters (e.g., PPA price or tariff, degradation rate of installations, energy yield, financing terms).
The sensitivity analysis applies the FAST model to perform calculations enabling financiers to measure key ratios such as EBITDA and forward-looking DSCR based on different scenarios.

Introduction to Blended Finance by Convergence



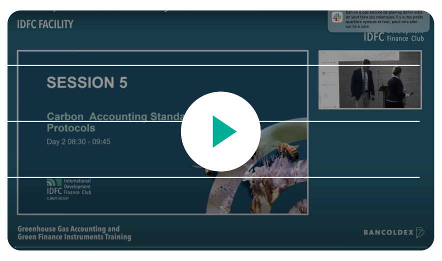
VIDEO

This session introduces the latest data from Convergence, the global network for blended finance that manages the most comprehensive database of historical blended-finance transactions. It reviews the key archetypes and instruments used in blended finance, and provides a deep-dive into selected case studies of blended-finance structures for RE projects, illustrating how different archetypes are applied across various regions.

Click on a video to open it in youtube

Improve RE project pipelines through systematic data collection and smarter project preparation.

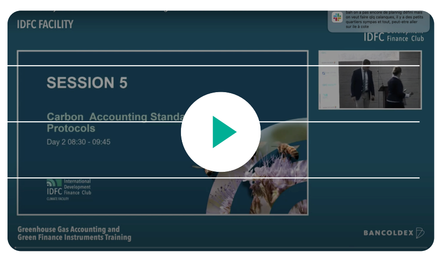
Data collection and smarter project preparation with Source



VIDEO

This session welcomes Christophe Dossarps, CEO of the Sustainable Infrastructure Foundation, a Swiss non-profit that coordinates the SOURCE platform. SOURCE is an online infrastructure project-development software, hosted on UN servers, designed to help governments integrate and manage infrastructure project-pipeline data for both traditional procurement and PPPs. The platform aims to strengthen accountability and transparency, and support more informed decision-making aligned with local, regional, and global standards.

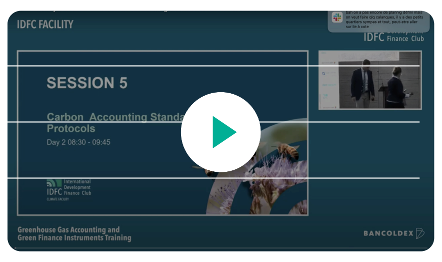
Managing currency risk and increasing local currency financing by TCX



VIDEO

With currency and interest-rate risks among the most critical challenges in emerging and developing markets, in a context where DFIs and sponsors predominantly provide hard-currency financing, this session explores the use of currency and FX-risk-mitigation products offered by TCX. The session also examines the importance of local-currency financing for RE projects, which require long tenors and predictable financing conditions to ensure investment viability and protect debt-service resilience. TCX is a development-finance initiative designed to protect borrowers from exchange-rate fluctuations and now operates in more than 90 countries.

Panel discussion on experience in blended finance



VIDEO

The panel discussion brings experience and insights on blended finance and RE financing from both IDFC members and private investors. The Development Bank of Rwanda (BRD) presented Ireme Invest, a green investment facility that provides soft loans and channels credit lines, grants, and guarantees. The Development Bank of Southern Africa (DBSA) outlined its move toward more programmatic approaches to support the energy transition, including piloting blended-finance structures using first-loss mechanisms and presenting the flagship Renewable Energy Independent Power Producer Programme (REIPPPP). Mirova, a French-based asset-management company, shared its approach to investing across the energy sector, from renewable generation to battery storage, while adhering to high sustainable-finance standards.