

The Green Finance Challenge and Response provided by EBRD's Infrastructure Project Preparation Facility

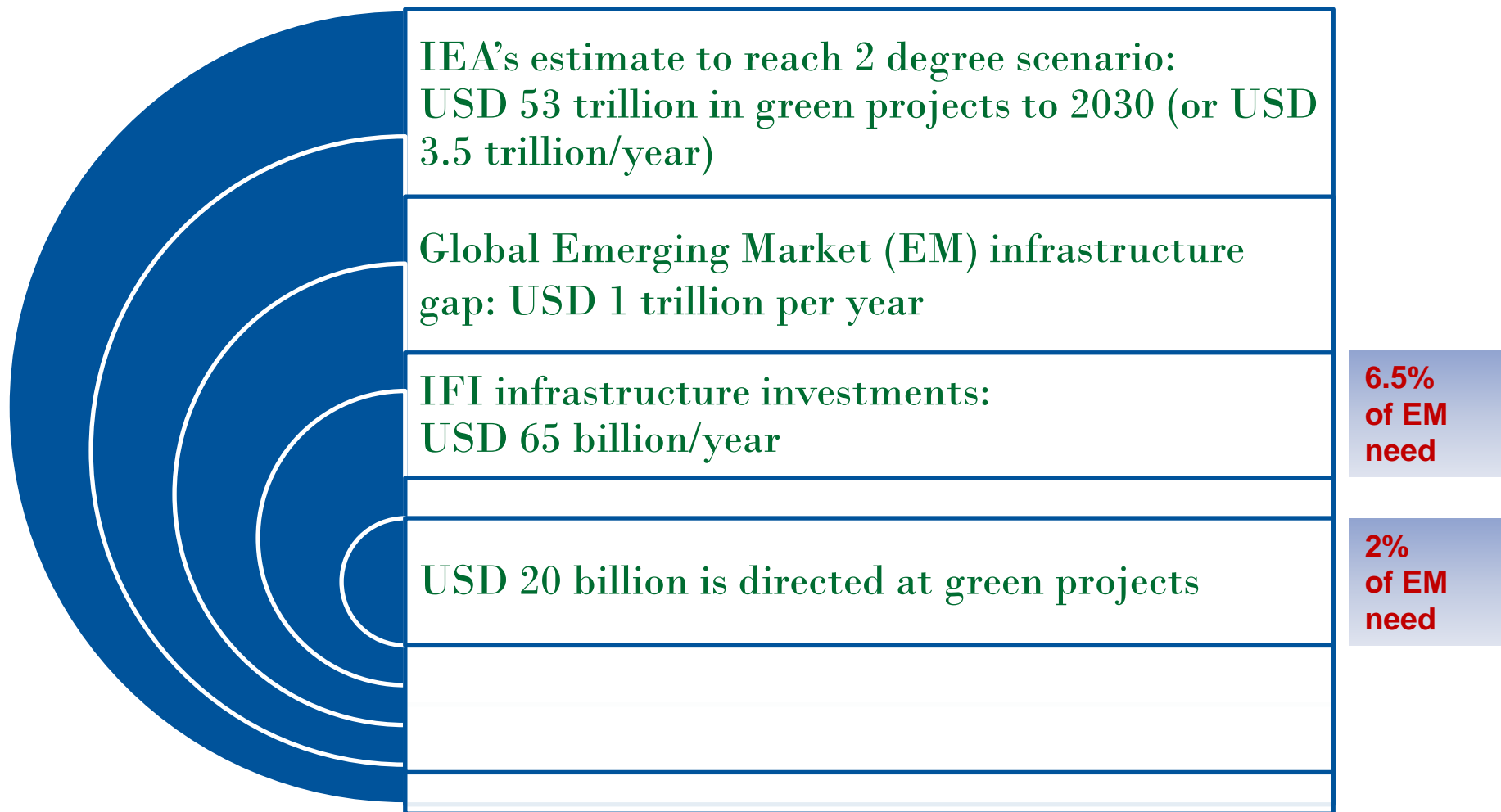
EPF – IISD Roundtable on Sustainable Infrastructure
Development, June 6-7, 2016 Geneva

- Green finance challenge for IFIs
- EBRD's IPPF as a response vehicle

Challenge of green infrastructure financing

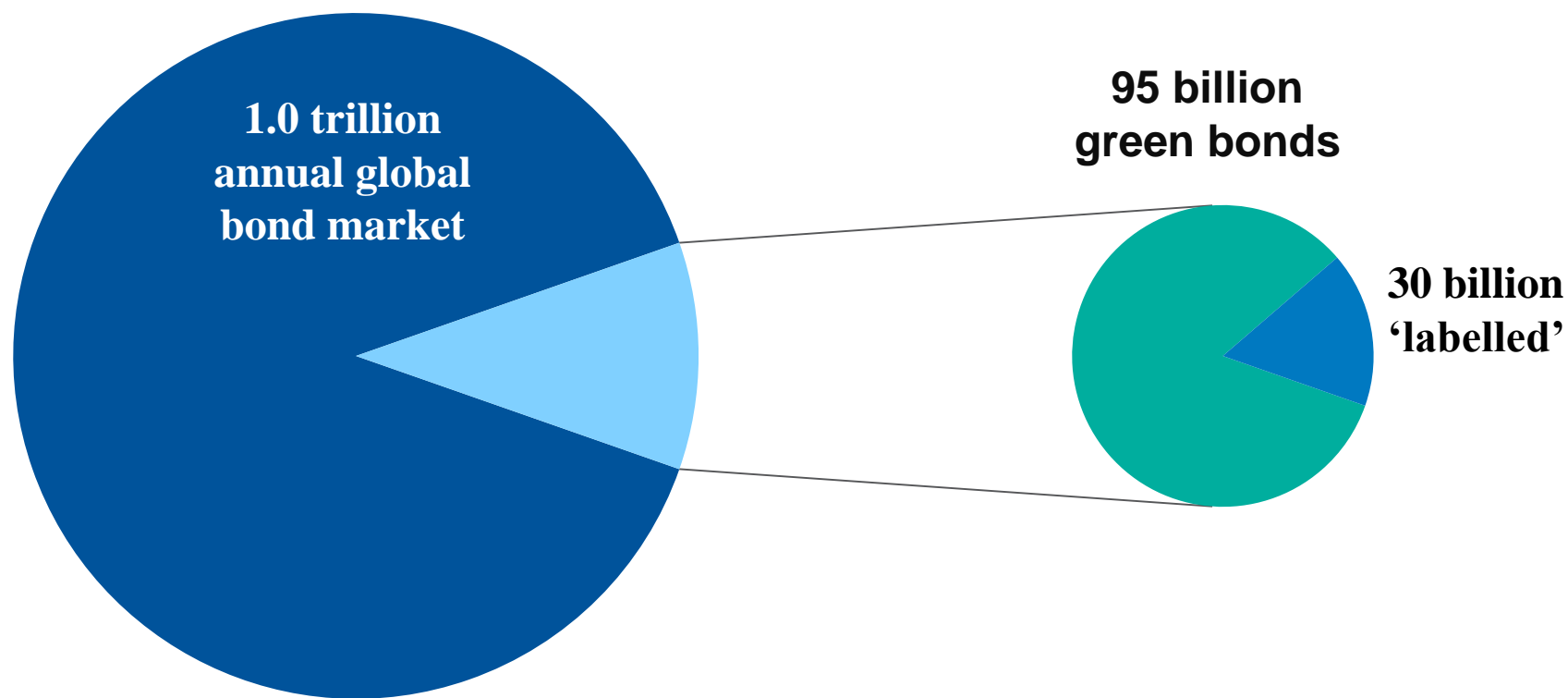


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❑ Mobilisation and catalysation of private resources by IFIs are key

Raising Green Finance via Green Bonds



- ❑ Climate (Green) Bonds: Approx. 2800 bonds by 400 issuers
- ❑ Only 3% of total annual bond issuance are 'labelled' green bonds

Action Plan to scale finance levels for green projects



- ‘Infrastructure gap’ mostly explained by lack of proper project preparation and enabling environment issues
- EBRD created special facility (EUR 40 million) in 2015 to:
 - Promote more efficient delivery of projects
 - Improve quality of service offered to clients
 - Deepen focus on commercialised approaches
 - Strengthen institutional capacity
 - Integrate project preparation with higher level policy dialogue
- Two windows: Sustainable Infrastructure Window & PPP Window (PPPs are reimbursable)
- 14 projects already underway since Oct '15 operational launch, including Dry Port PPP near Cairo (Egypt) and M10 Motorway PPP (Belarus)



Quick consultant mobilisation: 6-8 weeks from Contribution Agreement signing to mobilisation of consultants

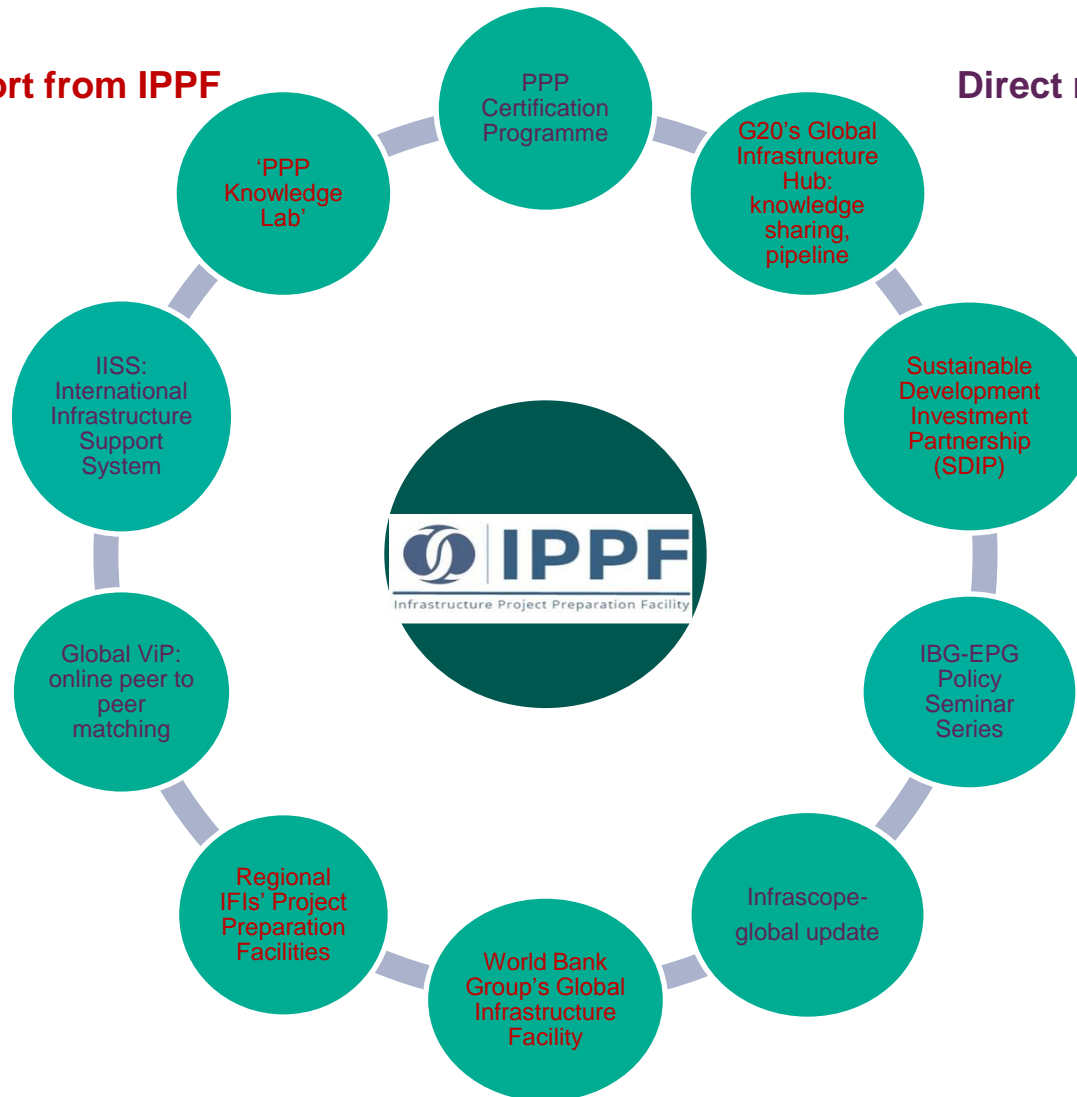
Sharp project focus: IPPF directly contracts and supervises Framework Consultants, in close coordination with Public Sector Clients

Contribution Principle for PPPs: IPPF pre-pays 100% cost of project preparation, and public sector client contributes a percentage (~10%) of that cost to IPPF in form of a transaction support fee

Reimbursability of PPP preparation: At financial close, private sector PPP concessionaire reimburses both public sector and IPPF for ALL costs incurred

Institutional support from IPPF

Direct resource support from IPPF



INFRASTRUCTURE POLICY SEMINARS

- Completed Policy Dialogue Seminar (Facilities Management PPPs, Marcos) in November, 2015
- Second seminar in progress (Performance-based Contracting for Roads, Marcos) held on May 27, 2016
- Private Sector Participation in Automated Ticketing and District Heating Full-Cost Recovery Model 2H 2016
- Seminar with GIH, IISS, GViP and PPP Certification for EBRD clients planned for October in Istanbul

KNOWLEDGE DISSEMINATION PLATFORMS

- International Infrastructure Support System (IISS) – project dissemination
- Global ViP – peer to peer amongst infra practitioners

PPP CERTIFICATION

- ‘Body of Knowledge’ course material now ready
- Training organisations being selected
- IPPF to support cost on 50-50 matching basis



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ANNEX

Follow Up info for IPPF supported and affiliated activities



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- **PPP Certification Programme**
www.ppp.apmg-international.com/ppp-certification-guide/about-ppp-guide
- **International Infrastructure Support System**
www.public.sif-iiss.org
- **Global ViP:**
www.gvip.io/
- **G20's Global Infrastructure Hub**
www.globalinfrastructurehub.org
- **Sustainable Development Investment Partnership**
www.sdiponline.org
- **World Bank Group's Global Infrastructure Facility**
www.worldbank.org/en/programs/global-Infrastructure-facility#1
- **PPP Knowledge Lab**
<https://pppknowledgelab.org>
- **Infrascope**
www.eiu.com/public/thankyou_download.aspx?activity=download&campaignid=Infrascope2014

International Infrastructure Support System



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IISS

International Infrastructure Support System

What?

An online project development resource facilitating project delivery.
Not a funding source such as a project preparation facility

Why?

Well-prepared projects are fundamental to attracting and increasing investment into infrastructure and reducing the infrastructure gap

How?

Building capacity through expert guidance utilising recognised global templates, reference sources and examples. Online, secure, multi-user preparation platform/service, accessible to public and private sector, scalable, details attract and maximise finance options for project.







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International Infrastructure Support System

Almaty LRT PPP



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SECTOR/SUBSECTOR
Transport/Light Rail Transit

TYPE OF PROJECT
New

PROJECT CREATED ON IISS
April 2016

ESTIMATED CAPITAL COST
400,000,000 USD
95,300,000,000 KZT

TERRITORY/CITY
Kazakhstan/Almaty

LEVEL OF PUBLIC SECTOR
City/Municipal

LAST MODIFIED
03 June 2016

LRT project will be realized through the creation of new facilities in Almaty and will consist of modern high quality trains which will be used for transportation services for the Almaty city population. Implementation of the project will reduce the usage of private vehicles, traffic congestion, time spent on the road, emissions of air pollutants and greenhouse gas.

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Key Milestones

Project
Preparation
Initiated



General Design



Public Sector ESG
Analysis



Source of
Funding



Identity of
Procuring
Authority



Support from
Development
Bank(s)



Contractual Doc
Preparation



Timetable for
Procurement



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Project Preparation Status

Overall

38%

Governance

42%

Economic

34%

Legal

33%

Technical

35%

Financial

31%

Environmental & Social

94%


Engage the World of Infrastructure

Engaging in the infrastructure marketplace presents complex questions every day. GViP is a tool that enables you to find the right solution, quickly. We connect you to the right experts—putting you in conversation with the best resources in the global expert marketplace. With GViP you can follow projects around the world, engage the right expertise, and create a powerful dashboard that lets you see opportunities, and dangers, at a glance.

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PROJECTS
 >
 Puente Chacao

Need expertise?
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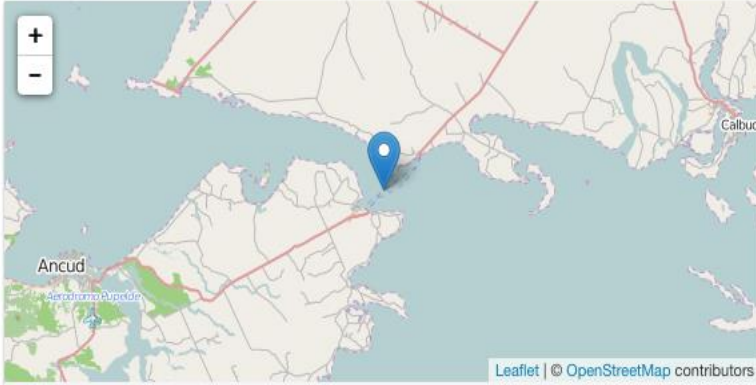
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Puente Chacao

The 2.6 kilometer bridge is expected to have two spans of 1.0 kilometer each and a deck preferably of 4 lanes, with a minimum of 3 lanes. With an estimated value of USD 750 million, the project has been reassessed adjusting expected demand resulting in a socially profitable project. The Chacao bridge project will now be carried out under a traditional modality of contract by the Chilean Ministry of Public Works. The international request for qualifications started in August 2012 and the bidding phase will be held in the first quarter of 2013, the adjudication of the project is expected...

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[Financial](#)
[Participants](#)
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W-129, Tres Cruces, Los Lagos Region, CL

Stage:	Procurement	Location:	Tres Cruces, Los Lagos Region
Sector:	Transport	Sub-Sector:	Transit
Financial Structure:	Public	Budget:	\$750
Est. Start:	Mar 04,2014	Est. Completion:	Oct 04,2017


GLOBAL EXPERTS




Shahir Badr
Director of Transportation Engineering




Dan Kaloutsky
Director of Business Development



Eric Rehswoldt
Principal/Sr. Vice President




Aaron Singer
Bid Director




Manuel Torres
Products and Programs Development Division Manager

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SME SERVICE PROVIDERS



Anand Hemnani
Senior Vice President & Chief Investment Officer



Jun Ji
General Manager

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OVERVIEW APPENDIX A](#)

ABOUT THE PPP CERTIFICATION PROGRAM GUIDE

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PURPOSE AND BENEFITS

The PPP Certification Program Guide, referred to as the PPP Guide is the Body of Knowledge (BoK) on public-private partnerships (PPPs), will help public officials and their advisors implement efficient, sustainable PPPs. The PPP Guide is part of the family of CP3P credentials that, once mastered, enable PPP practitioners to achieve the title "Certified PPP Professional" under the auspices of the APMG PPP Certification Program. The APMG PPP Certification Program, referred to as the Certification Program is an innovation of the Asian Development Bank (ADB), the European Bank for Reconstruction and Development (EBRD), the Inter-American Development Bank through its Multilateral Investment Fund (IADB through its MIF), the Islamic Development Bank (IsDB), the Public-Private Infrastructure Advisory Facility (PPIAF), and the World Bank Group (WBG).

Although the underlying principles of PPPs are the same everywhere, circumstances around the world dictate that government officials apply these principles in ways that are specific to their nation's needs. The PPP Guide identifies the underlying principles and the elements of good practice that are applicable in most circumstances in emerging markets and developing economies, while recognizing the need for local variations. In this respect, the PPP Guide complements existing guidance materials on PPPs prepared by governments and international institutions, such as multilateral development banks (MDBs).

The primary focus of the PPP Guide is on emerging markets and developing economies, but much of it is also relevant to developed economies. Developed economies are at varying levels of maturity in their use of PPPs and may have become dependent on practices that have been tailored to their situations over time. They may benefit from knowledge of good

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