



**SIF**  
SUSTAINABLE  
INFRASTRUCTURE  
FOUNDATION

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# International Infrastructure Support System - IISS

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March 2017



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# Introduction

## What?

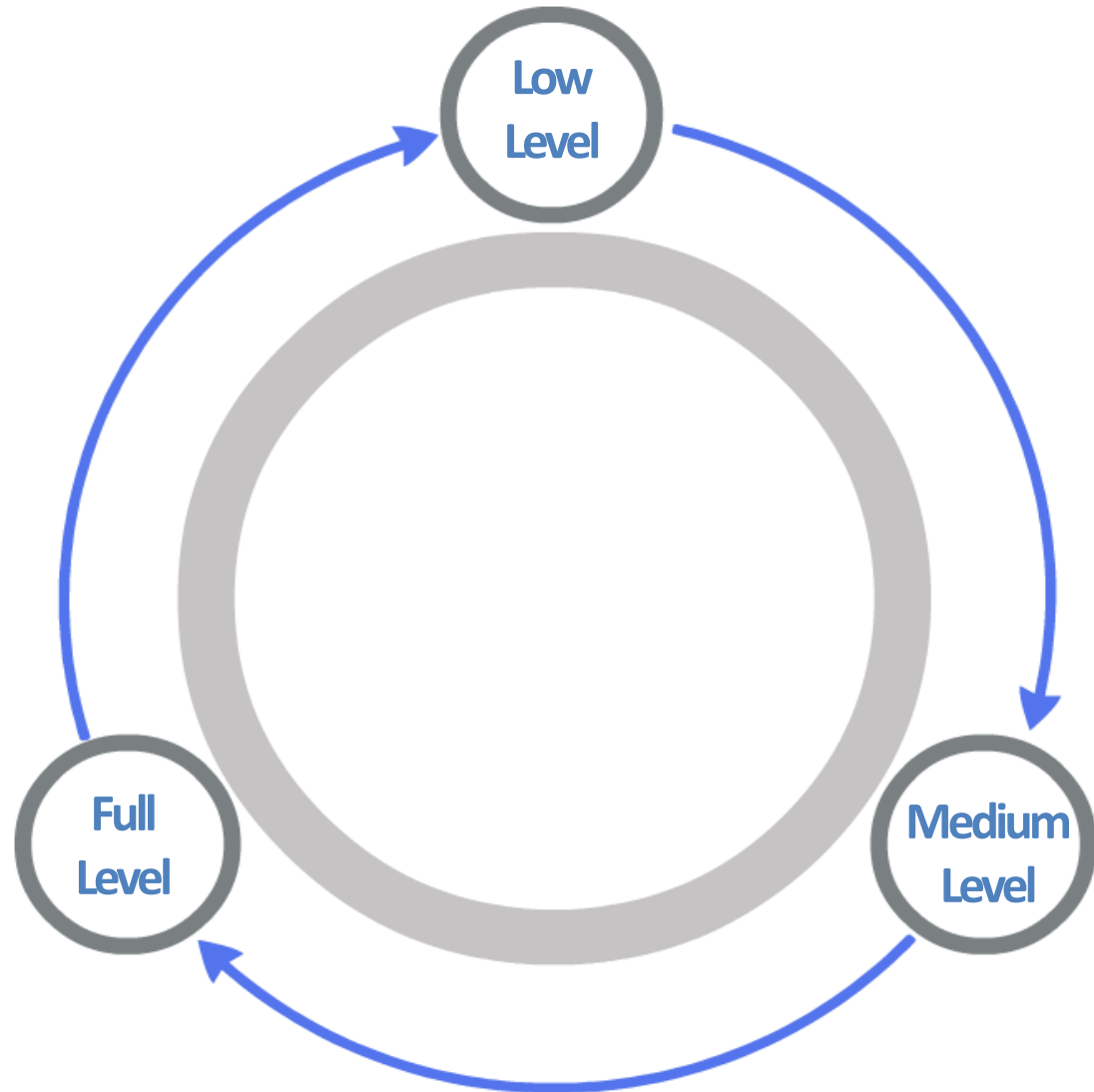
- ✓ Online development tool
- ✓ accessible to the public and private sector

## How?

- ✓ Tested templates and reference sources
- ✓ Clear presentation of developed projects

## Why?

- ✓ Consistency
- ✓ Efficiency
- ✓ Transparency



# National Infrastructure Information Systems

## NIIS National Infrastructure Information Systems

Home About News Contact Project Platform Knowledge Hub



If you work for a public agency responsible for project development, in an ADB member country you may be eligible for free NIIS support & membership. To request access, please click [here](#)

### Welcome to NIIS

NIIS is an electronic system to support infrastructure project preparation and financing, particularly in the initial and early development stages, by providing a series of tools to:

- capture key project data in a systematic and consistent way across multiple locations and multiple sectors,
- identify and fill any gaps in project planning and preparation,
- identify and mitigate project risks, and
- guide a project towards PPP structuring and private-sector institutional and commercial investment by providing links to marketing and funding resources

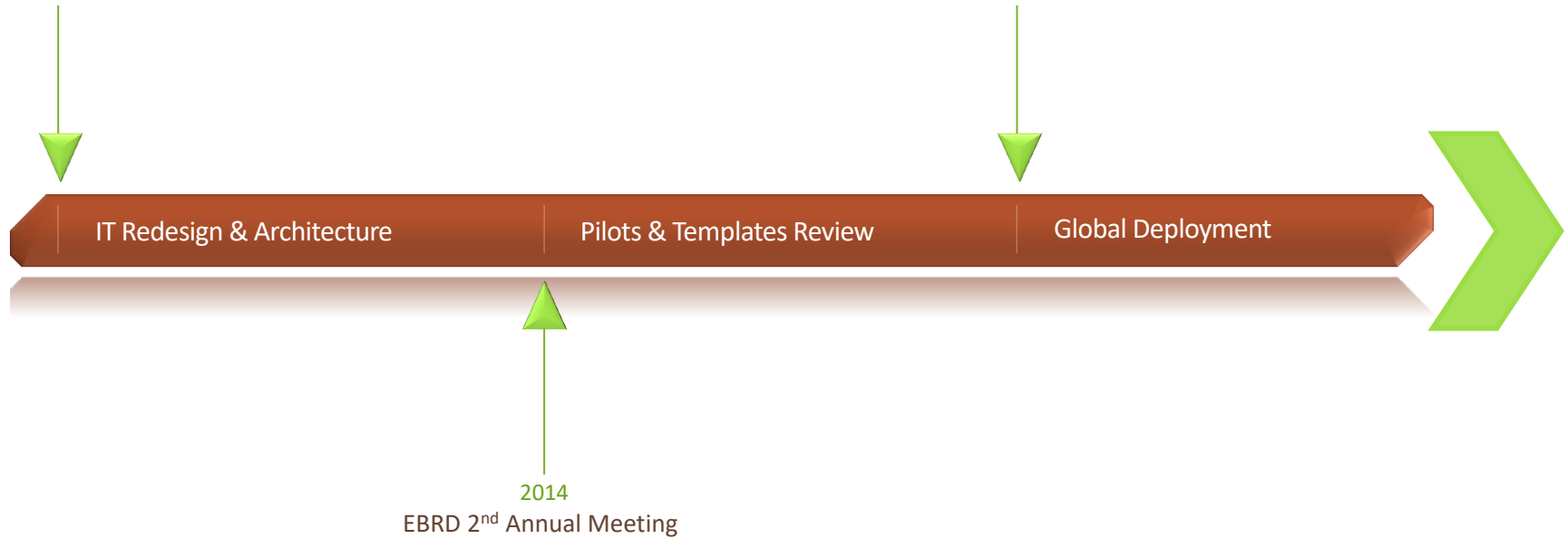
NIIS was developed with support from the Asian Development Bank and the Republic of Korea through the ADB's Regional Technical Assistance 7379 "Establishment of e-Systems to Support Infrastructure Financing in Asia".



# Timeline

**ADB 1<sup>st</sup> Annual Meeting**  
2013

**IDB 3<sup>rd</sup> Annual Meeting  
IISS Global Launch**  
2016



# Governance



# Timeline

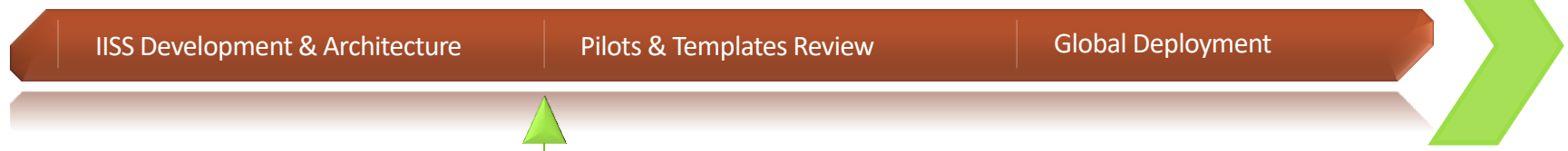
ADB 1<sup>st</sup> Annual Meeting

2013



IDB 3<sup>rd</sup> Annual Meeting  
IISS Global Launch

2016

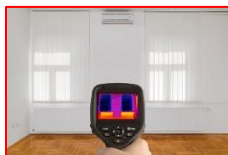


2014

EBRD 2<sup>nd</sup> Annual Meeting



# Template review update



# Working in association with IISS

## Private Sector



## Global Organisations



## Advisory Committee





# Timeline

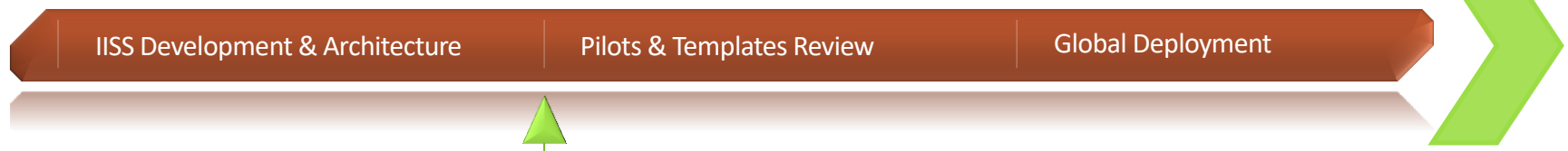
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2014

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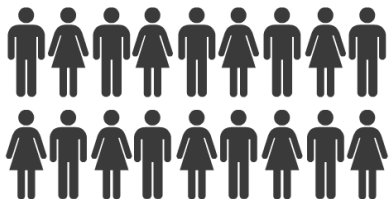


# IISS Success

Countries Trained and with Projects on Source.

## Active users

730+ Active users from 28+ governments

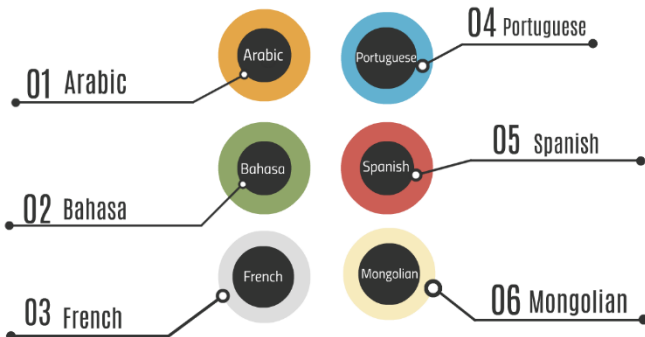


## Templates

Total	36	2,634	38	215	4,683
January 2017	+1	+71	0	+7	+70
August 2016- December 2016	+3	+228	+4	+69	+926
January 2015-July 2016	32	2,335	34	139	3,687

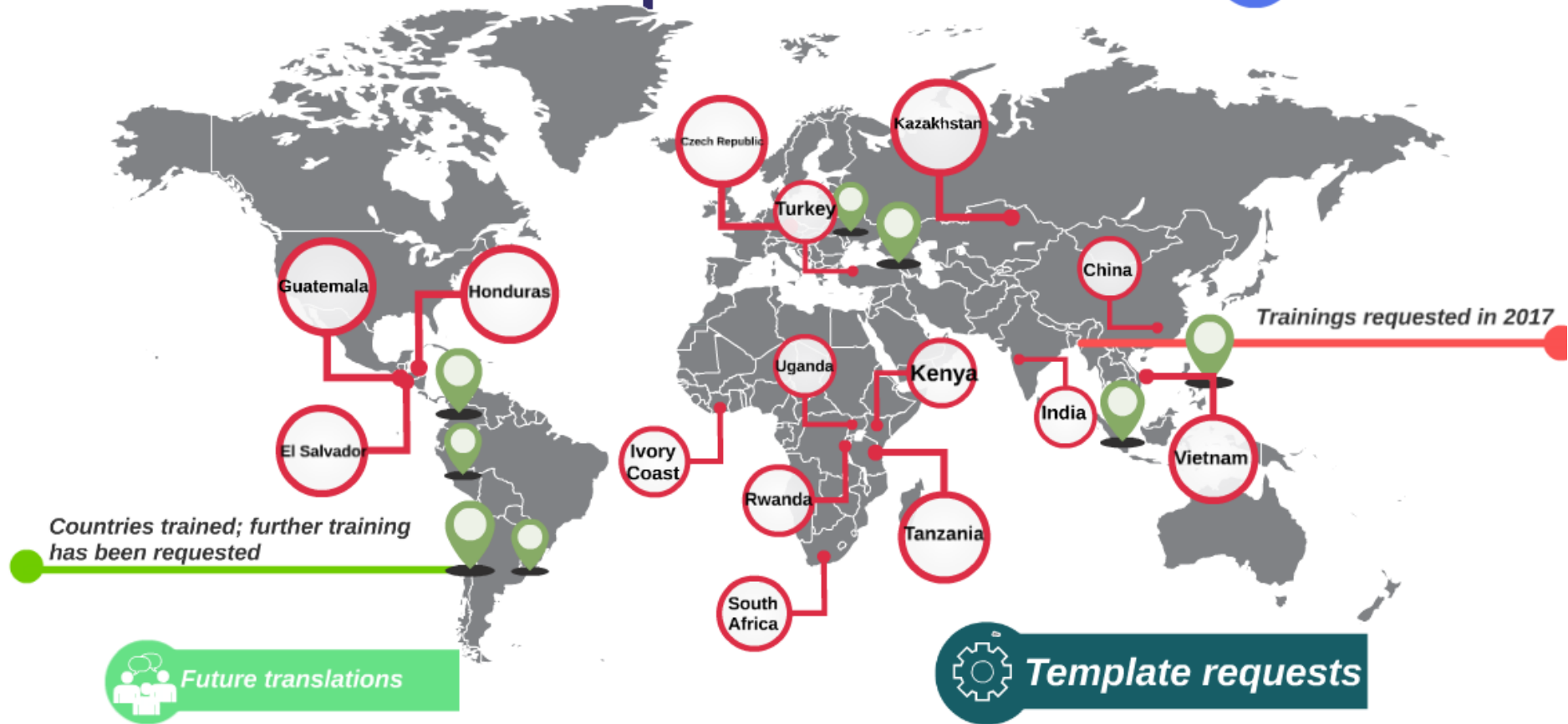


## Translations



● Social Infrastructure 
 ● Transport  
● Energy 
 ● Water and Wastewater  
● Urban Services

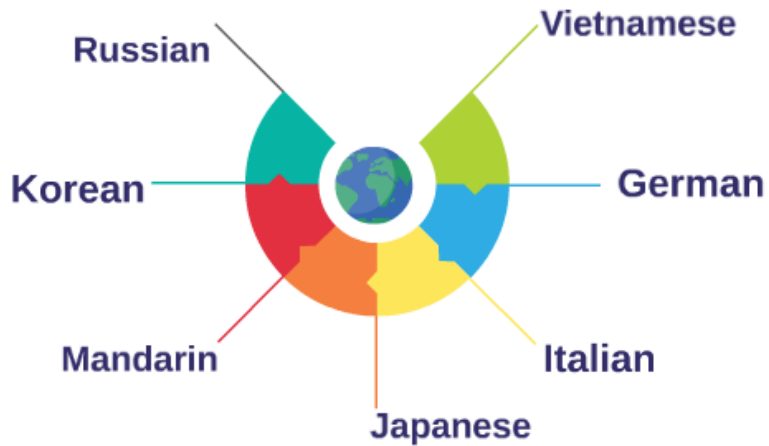
# IISS Future Developments



Future translations

Template requests

5 New Templates



# IISS Walkthrough – <http://sif-iiss.org>

## IISS

International Infrastructure Support System

6 Information on this website is secured

### What?

An online, secure, multi-user project development tool to promote and facilitate high quality and efficient global project delivery, accessible to the public and private sector.

### Why?

Consistency and well-prepared projects are fundamental to attracting and increasing investment into infrastructure and reducing the infrastructure gap.

### How?

This resource builds capacity through expert guidance using tested templates and reference sources. Provides clear presentation of developed projects enabling access to further funding and clarifying public private interfaces to facilitate optimal financing.



User Name

Password

Forgot your password? [Click here](#)  
Don't have an account yet? [Register](#)



Sustainable Infrastructure Foundation  
2 avenue Henri-Dunant  
1205 Geneva, Switzerland

[support@sif-iiss.org](mailto:support@sif-iiss.org)



## Create Project: Initial Information & Estimation

\* All fields are mandatory

Create a Project

### Project Name \*

Enter the project name

### Sector \*

### Subsector \*

### Territory \* ?

### City \*

### Description \*

Enter a description for the project

### Type of project \* ?

- New
- Expansion of existing facility/asset
- Replacement/Maintenance

### Level of Public Sector \*

- City/Municipal
- Provincial/State
- National/Federal

### Public Sector \*

Organisation (Agency, Ministry, PPP Unit, ...)

### Contact Person \*

→ Create Project

# Prepare Your Project

## Beta Solar CD

PUBLISHED PAGE | REPORTS | UNPUBLISH | PROJECT COMMENTS | EXPRESSION OF INTEREST

Home | Governance | Technical | Economic | Legal | Financial | Environmental & Social



Build a solar farm

Edit

**SECTOR/SUBSECTOR**  
Energy/Solar Array

**TERRITORY/CITY**  
Argentina/Bella Vista

**TYPE OF PROJECT**  
New

**LEVEL OF PUBLIC SECTOR**  
National/Federal

**PROJECT CREATED ON IISS**  
July 2016

**LAST MODIFIED**  
10 August 2016

**ESTIMATED CAPITAL COST**  
20,000,000 USD

### Key Questions Answered?



- 1 Construction cost evaluation
- 2 Construction start date decision
- 3 Funding structure decision
- 4 O&M budgetary impact
- 5 assessment
- 6 Contract duration definition
- 7 Annual energy production investigation
- 8 Climatic data assessment

1 Followers

**Project Manager Contact**

Project Manager: projectmanagerdemo@sif-iiss.org  
229962926345 SIF

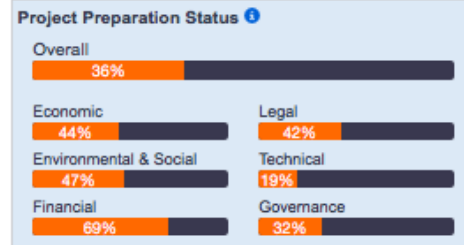
Edit

**My Tasks**

- Publish Project to attract investor 24-Jul-2016
- Review Governance Section 24-Jul-2016
- Review Financial Section 24-Jul-2016
- Add Feasibility document 29-Jul-2016
- Add a New Task
- All My Tasks
- Team Tasks

**Project Team**

- Project Manager



**Project Documents**

- Pre-feasibility study 22-Jul-2016 projectmanagerdemo@sif-iiss.org
- Environment and Social Impact Assessment 22-Jul-2016 projectmanagerdemo@sif-iiss.org

Add a New Document  
Create a New Folder

**Last Updates**




projectmanagerdemo@sif-iiss.org	Governance	10-Aug-2016
projectmanagerdemo@sif-iiss.org	Governance	10-Aug-2016
projectmanagerdemo@sif-iiss.org	Governance	10-Aug-2016
projectmanagerdemo@sif-iiss.org	Financial	22-Jul-2016

Prepare  
Your  
Project

## BETA Solid Waste

- Home
- Governance
- Technical**
- Economic
- Legal
- Financial
- Environmental & Social

Check to accept ()  
Uncheck to reject ()

-  In revision by Project Manager
-  Reviewed by Project Manager
-  To be updated by Team Member(s)

### Project Definition

Provide an outline of the works to be undertaken as part of this project

- To add additional capacity to an existing facility
- To build a new facility
- To upgrade an existing facility
- To replace and old facility
- To develop a new landfill
- To improve an existing landfill
- Other

What is the status of the prefeasibility study?

Not yet started  
 In progress  
 Completed  
 Complete and the report is available on the website

...ms of quality of technical specifications and CO<sup>2</sup> reduction?

### New Facility (/Asset) / Extension of an existing one

Please describe the project geographical location. 



# Projects search

## Criteria

Territory ?

-- All territories --

Sector

-- All sectors --

Estimated capital cost

10,000,000 USD - 5,000,000,000 USD



Project preparation status ?

0% - 100%



→ Search

Clear

## Results

▼	▼	Project name ▼	Territory ▼	Sector ▼	Est. capital cost ▼	Prep. status ▼
		BETA Highway	United Republic of Tanz...	Transport	900,000,000 USD	72%
		BETA Solid Waste	Indonesia	Water & Waste	45,000,000 USD	12%

# Beta BRT SR



150 km for a BRT

**SECTOR/SUBSECTOR**  
Transport/Bus Rapid Transit

**TERRITORY/CITY**  
Gabon/Kouilamoutou

**TYPE OF PROJECT**  
New

**LEVEL OF PUBLIC SECTOR**  
Provincial/State

**PROJECT CREATED ON IISS**  
July 2016

**LAST MODIFIED**  
08 August 2016

**ESTIMATED CAPITAL COST**  
30,000,000 USD

[Unfollow this project](#)

## Key Questions Answered?

Project Definition



Detail Project



Procurement Process



Work Process



Project Investigation



Business Case



Financial Process



Operation Period

## Project Comments

Comments are anonymous. All comments are approved by a moderator before being made available to other users.

New comment...

Submit

- 1 Bid evaluation definition
- 2 Expression of Interest
- 3 Prequalification document completion
- 4 Prequalification submission date set
- 5 Procurement method decision
- 6 Tender documents completion
- 7 Tender launch date set
- 8 Tender submission date set
- 9 Type of contract definition
- 10 PPP law assessment

## Project Preparation Status

Overall

16%

Economic

0%

Environmental & Social

0%

Financial

Legal

3%

Technical

7%

Governance