

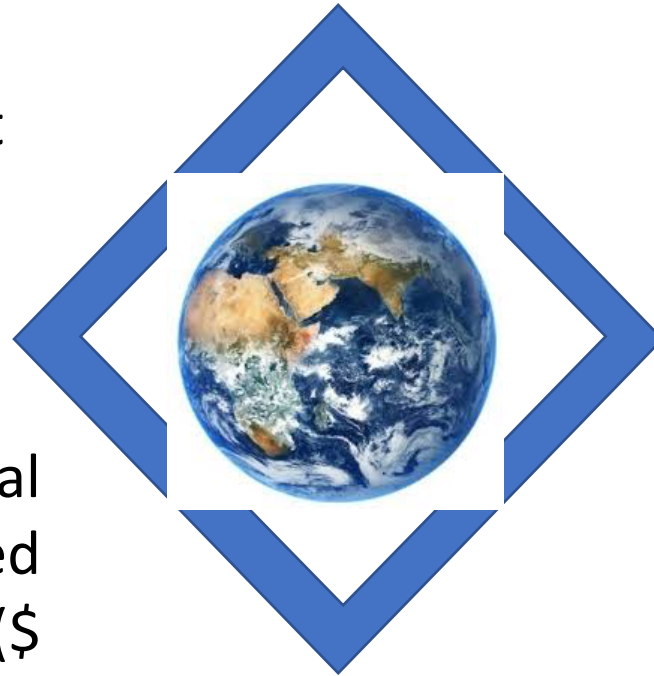
# Sustainable Public Procurement of Construction/Infrastructure in India – A Case Study

– Sanjay Kumar

# Key Rationale for Infrastructure?

Major part of Govt.  
expenditure on  
procurement

Major part of  
lending by MDBs,  
World Bank etc.



Large annual  
investment needed  
to meet SDGs (\$  
1.6-2.5 trillion  
annually)

Massive flow of  
investment in OBR  
project (\$ 4-8 trillion)



# Infrastructure & its Linkage with SDGs



# What are Gaps in Implementation?

Lack of Legal and regulatory frameworks for sustainable procurement of works in many countries

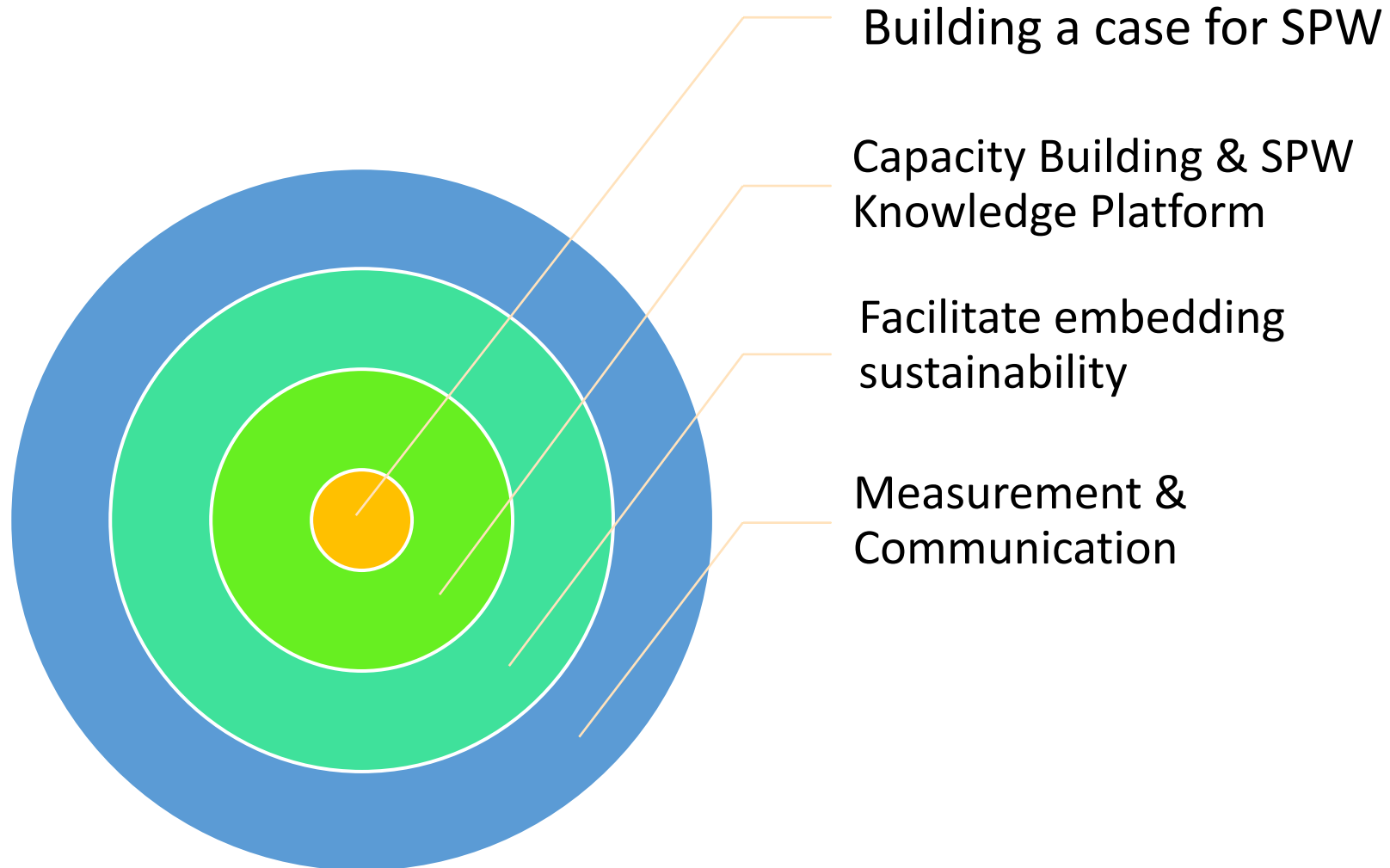
Insufficient documentation and dissemination of concept at local, regional or national levels

Procurers (and bidders!) need better tools to quantify and evaluate these sustainability aspects

Lack of financial resources in low and developing countries

Sustainability agenda not reaching to the decision making level

# Objectives of Strategic Implementation Plan



# Recent Activities of IG on Construction

**4<sup>th</sup> Edition**  
**GreenPro**  
 Virtual Summit & Expo on  
 Green Products, Materials and technologies

GreenPro - Ecolabelling launched by Confederation of Indian Industry has gained significant momentum since its inception in the year 2015. More than 1500 eco-labelled green products from more than 110 manufacturers are available in the market today. The demand for Green products has increased substantially in recent past due to the Green Building movement across the globe and large number of manufacturing companies adopting green procurement across their supply chain.

Against this background, CII - Sohrabji Green Business Centre is organising **4<sup>th</sup> edition of 'GreenPro Summit' 2020** with a focus on driving 'Sustainable Production and Consumption' and 'Getting Growth Back' for the nation.

**Key Focus Area**

- Day - 1 Sustainable Procurement
- Day - 2 Health and Well Being
- Day - 3 Towards Net Zero Buildings
- Day - 4 Sustainable Product and Materials for Green Buildings

**Supporting Councils:**



**Supporters - GREENPRO 2019**



For Registration, Sponsorship & Expo Participation Please Contact  
**Himanshu Shah**  
 himanshu.shah@cii.in | +91 96872 63050  
 www.ciiigreenpro.com

**CII**  
 Confederation of Indian Industry  
 125 Years - Since 1895

**4 - 7 August 2020**  
**1400 - 1700 Hrs.**  
**CII Digital Platform**

**Objectives:**

- ▲ To create awareness about green products, materials and technologies
- ▲ Encourage product manufacturers to adopt green concepts
- ▲ Generate demand for procurement and utilization of green products
- ▲ Ultimately to facilitate market transformation in production and consumption of green products in the country

**Delegate Fee (INR inclusive of GST):**

CII / IGBC Members	1,000/-
Non Members	1,200/-
Educational Institutes & Students	750/-

**1 Complimentary Delegate\* for every 3 registrations**

**SUPPORTERS - GREENPRO 2019**





Vadodara, India in July 2019  
 Sydney, Australia in Nov 2019  
 Gwalior, India Dec 2019  
 Webinar, August 2020  
 Webinar, September 2020



**APRSCP's Webinar Series**

**27 AUGUST 2020**  
 12:00 - 1:30 pm Bangkok Time

**Sustainable Public Procurement 2.0 - Accelerating Growth in Asia Pacific**

**Webinar Speakers (\* Board Member APRSCP):**

- Hari R. Ragavan\*, Council Member, Environmental Management and Research Association of Malaysia (ENSEARCH), Malaysia
- Sylvia Aguilar-Camacho, Senior Consultant Procurement Advisory Service, UNOPS, Denmark
- Haiping Hu, Freelance Consultant, Sustainable Procurement, Sweden
- Tanya Harris, Sustainable Procurement ISO 20400:2017 Expert, Australia
- Sanjay Kumar\*, Chief Materials Manager, Indian Railways, India

**Discussion will include:**

- ❖ Country specific experiences from the region;
- ❖ Rebooting Sustainable Procurement in the region;
- ❖ Building a resilient and regenerative supply chain post-pandemic.

**Register**

**Contact Details:**  
 Sanjay Kumar  
 Email: sanjayviti@gmail.com  
 secretariat@aprspc.net

**Webinar Partner:**

**One planet**  
 procure with care  
 One Planet Network SPP Programme





# A Case Study on Construction of Administrative Building & Hostels





Public Works Department,  
Maharashtra  
India



1

## Name of Work

Construction of Construction of Administrative Building, Academy Buildings, Hostel and Canteen Building for Bamboo Research & Training Center at Chandrapur

2

## Estimated Cost

\$ 3.69 million USD

3

## Qualification Criteria

Tenderer shall have completed building work using pressure treated bamboo as material.

4

## Special Conditions

- Bidder shall have Pressure Vacuum preservative treatment plant approved by National Mission on Bamboo Application (NMBA) or International network of Bamboo & Rattan- INBAR
- Five Year AMC maintenance of the bamboo structures.
- Local community /users should be given enough training and knowledge for the operation and maintenance of the bamboo structures.



















## Government of Maharashtra

State Schedule of Rate (SSR) for 2020-21



**For State of Maharashtra  
(w.e.f. 01/10/2020)**

10 New Items related to modern  
Bamboo construction has been  
added in the new SSR

# Key Learnings

1

An opportunistic approach can help build case for SPP in Construction/Infrastructure

2

A Programmatic Approach is a must for a broader uptake of SPP in Construction

3

A Programmatic Approach

- A Comprehensive Legal SPP Framework
- Leadership Support
- Awareness & Capacity building

4

A collaborative platform for exchange of best practices in the South Asia region

# Thank You

#WeSwitch

*Implemented by*

