

Insight Xchange Project Management in Construction

April, 2021

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PROJECT MANAGEMENT IN CONSTRUCTION

MARCH 26, 2021
13:45 GMT
15:45 PRETORIA
19:15 MUMBAI

Construction projects are complex, high-risk, involves a lot of manpower with specific sets of skills.

Jose Hidalgo
Project Development Director

Stibbaziso Chizwina
Permanent Secretary | Government of Zimbabwe

Adi Prasetyo
PMO Advisor | LRT JABODEBEK Project
Former President, PMI Indonesia

Harri Emari
Project Risk-Based Quality Manager | U.S. Banker

Ginen Dharamshi
Executive Assistant | Bombay Realty

Session Moderator

Inkd.in/eXa7cH0
Join the discussion.

THE INSIGHT XCHANGE

Project Management in
Construction

Priya Patra

**Anchor, PMI Chapter XChange,
Mumbai, India**

PMI Chapter XChange's second "Insight Xchange " nugget is here. This time we are exploring the Construction domain.

4 global experts across continents shared their views on March 26, 2021

Here is what they had to say !

Adi Prasetyo

Jakarta, Indonesia

In the aftermath of the COVID lockdown, what support did you receive in your country to neutralize the impacts and how did that help ?

The Indonesian Ministry of Finance has issued Minister of Finance Regulation (PMK) No. 143/PMK.03/2020 on tax facilities for goods and services required in the handling of COVID-19

The extension of income tax facilities stipulated by Government Regulation (PP) No. 29/2020.

The Indonesia Ministry of Finance issued Minister of Finance Regulation No. 138/PMK.05/2020 on guidelines for the provision of interest subsidies in the effort to implement the National Economic Recovery program.



Are you leveraging disruptive technologies in your construction projects if yes in which areas ?

We are using BIM (Building Information Modeling) to do some simulation related to project resilience

Harri Emari

Detroit, USA

In the aftermath of the COVID lockdown, what support did you receive in your country to neutralize the impacts and how did that help ?

Michigan was one of top 3 states with highest COVID cases in the beginning, but our governor handled the pandemic in a swift and strict way of stopping all work across the board and mandated a statewide "Shelter-in-Place" and "Stay-at-Home" Order.

We had to stop our construction projects for a few weeks, but after following the proper guidelines and imposed restrictions, we were back to work full-force and haven't had a problem at our job sites.

The key success factor was the Coronavirus Aid, Relief, and Economic Security Act that gave economic assistance to businesses with loans, waiving of fees or liquidated damages, and payroll assistance helped in keeping the sick workers home and in quarantine.



Are you leveraging disruptive technologies in your construction projects if yes in which areas ?

The Construction Industry is lagging behind other industries when it comes to leveraging the new technologies.

Major construction projects and high end clients are looking into new AI technologies for BIM and Design Assist Technologies, Automated Progress Tracking, Quality Control and Safety Supervision; however, it isn't a norm for most construction projects.

There have been great initiatives for BIM Adoption by some municipalities to mandate a LOD 200 BIM on public projects in some European countries, but I doubt there will be such measures in the USA, anytime soon.

Jose Hidalgo

Lima, Peru

In the aftermath of the COVID lockdown, what support did you receive in your country to neutralize the impacts and how did that help ?

Most of the companies have received loans from the government at a very low interest rate, to save their operations.

In addition, the government have paid many taxes, and taken legal measures to try to avoid the bankruptcy of companies.

All these measures have been beneficial to save companies and employment, however more than 1 million Peruvians have lost their jobs.



Are you leveraging disruptive technologies in your construction projects if yes in which areas ?

We have implemented many digital technologies such as; drone surveying, real-time project supervision cameras, operations management from a remote location and others.

Silibaziso Chizwina

Zimbabwe, Africa

In the aftermath of the COVID lockdown, what support did you receive in your country to neutralize the impacts and how did that help ?

I wouldn't say there was direct support but more like facilitating support through statutory instruments that protected workers on sites and allows them to leave work early in order to avoid crowding in public spaces.

So yes the workers were now coming to site but still the numbers were low. A lot of sites and areas also revived mobile hand washing facilities which allowed sites to stay open.

In terms of outstanding contract obligations - not much has been done in the sector as we haven't dealt with many claims as yet. Hopefully if claims start growing legislation can be put in place to cap or limit them



Are you leveraging disruptive technologies in your construction projects if yes in which areas ?

Currently we are looking at the 3D printing initiatives that Lafarge is undertaking in other African countries and looking at how it can be fitted into the Zimbabwean economy. However this is likely to disrupt a number of key elements that drive the construction sector- mostly cost and employment. Another initiative that I have also looked at applying on all sites is the use of drones for inspections- it doesn't have the clinical precision that the human eye will have but it goes a long way in reducing the possibility of infections on site and reduces cost to Clients as travel and site time is cut down. In addition I am encouraging my Project Team members to work in Teams platforms to share live information and keep project records up to date.

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Have a suggestion ? Feel free to drop a note to the PMI Chapter Xchange team here pmichapterxchange@gmail.com

