



GWFF

GEOSPATIAL WORLD FORUM

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INTEGRATED BIM FOR FACILITY MANAGEMENT AND LIFECYCLE PLANNING

-GEOSPATIAL WORLD FORUM-

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PT. Waskita Karya (Persero), Tbk

Postillion Hotel & Convention Centre WTC Rotterdam, May 2024

OUTLINE

01. Company Introduction

02. BIM in Construction Industry

03. Project Overview

04. Integration Of BIM

05. Conclusion

Waskita Karya

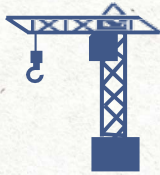
The Art of Construction

Vision

The Leading Company that Fosters
Ecosystem Sustainability

Business Lines

Construction

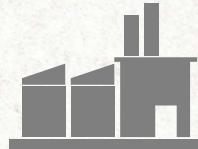


Construction

Industry



Dedication for Movement



Precast & Readymix

Investment



Realty



Toll Road



Infrastructure Non-Toll Road

Waskita On Going Projects



Connectivity Infrastructure
64%



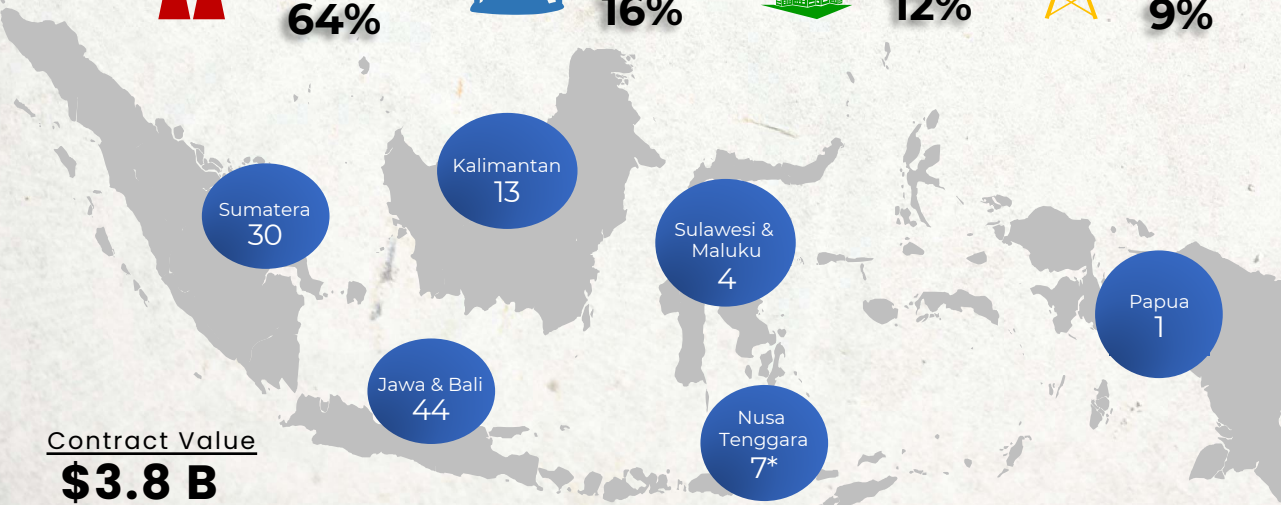
Water Infrastructure
16%



Building
12%

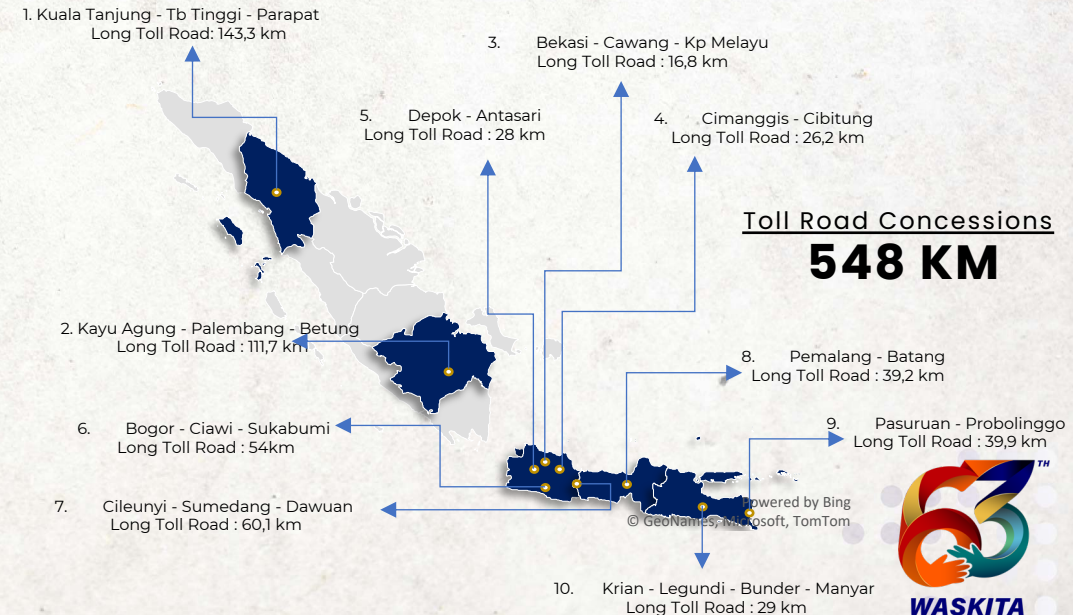


EPC, Industry, Subsidiaries
9%

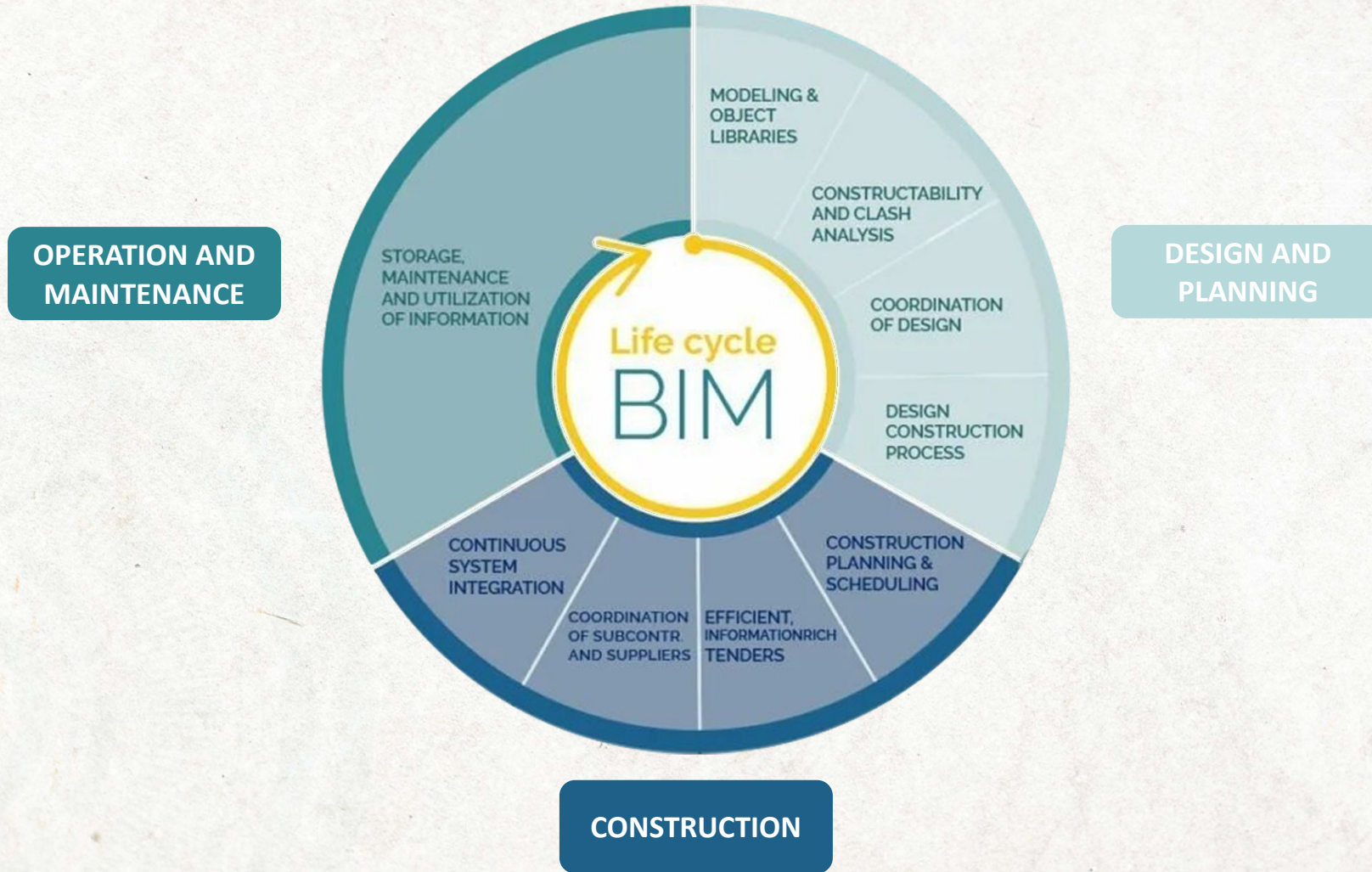


Contract Value
\$3.8 B

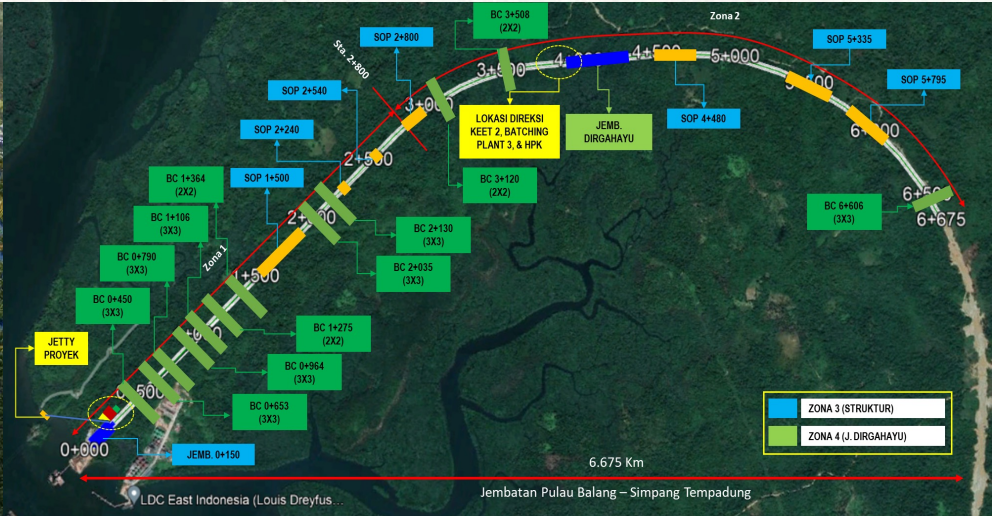
Biggest Assets Among its Peers



BIM in Construction Industry



Project Overview



New Capital City of Indonesia "Nusantara" Toll Road



75,62 km

Plan of IKN Toll Road Section 5A Simpang Tempadung-Jembatan Pulau Balang



6,675 km

"DIRGAHAYU" Bridge icon of Toll Road connecting VVIP Airport to Central Government Core Area

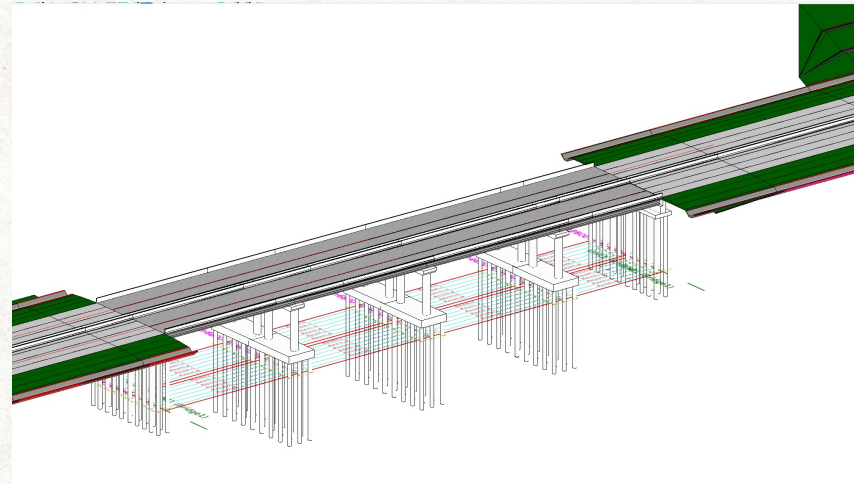


360 m

Sustainable Design Optimization



Superimpose Basic Design & Reality Mesh



Saving Potential
Re-Work / km

\$ 850,000

Eliminate Truck
Movement

20,000



Project Field Conditions



Saving Fuel
Consumption

32,800 liters

Combining New Technologies with BIM



Conclusion



“When Integrated BIM takes center stage in facility management, it's more than just a tool. It's a transformative approach to facility management that empowers us to achieve new levels of efficiency, collaboration, and sustainability.”

Thank You!

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