BIM4Project: BIM and GIS!

Strengthen each other in construction projects?
About Ballast Nedam

Ballast Nedam develops future-proof buildings and infrastructure with a smart view of cost efficiency, technology and worldwide expertise.

The projects on which Ballast Nedam focusses include the major part of our built environment and ensure diversification within the group.

Ballast Nedam industrialises the construction process by using innovative modular concepts and standardising its approach.

Ballast Nedam is part of the Renaissance Group.
Orderbook
> €1,5 billion

Number of employees
1800

Revenue in 2017
> € 700 million
The evolution of our logo
Data management

- Conceptual design
- Detailed Design
- Construction 4D/5D
- Machine control & Construction monitoring
- Quality Control
- Maintain & Operate
- Completion
Functionalities used: viewing information
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7-3-2019

BIM: METHOD OF STATEMENT 3D + MACHINERY – VIRTUAL BUILDING

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BIM: METHOD OF STATEMENT 3D + MACHINERY – VIRTUAL BUILDING
Functionalities used: viewing information

GIS: FIELD RESEARCH 2D
Functionalities used: viewing information
Functionalities used: connecting & delivering information
Functionalities used: connecting & delivering information

BIM: CONNECTING SCHEDULE 3D
Functionalities used: connecting & delivering information

GIS: CONNECTING DRIVE NAVIGATION INFORMATION
Functionalities used: gathering information
Functionalities used: analyzing information
Functionalities used: analyzing information
Assign a BIM-leader, GIS-Leader and Information Manager in your project as coreteam for information management.

Uniform your Systems Breakdown Structure (SBS) and Work Breakdown Structure (WBS) for connecting information.

Use a Configuration Management Database (CMDB) to manage your project data structures.

Own created 3D-files always have clone 2D-files: metadata in visual representations based on uniform project data structures.
NEAR FUTURE.....
Breaking new ground together with GIS&BIM4Project at Geospatial World Forum