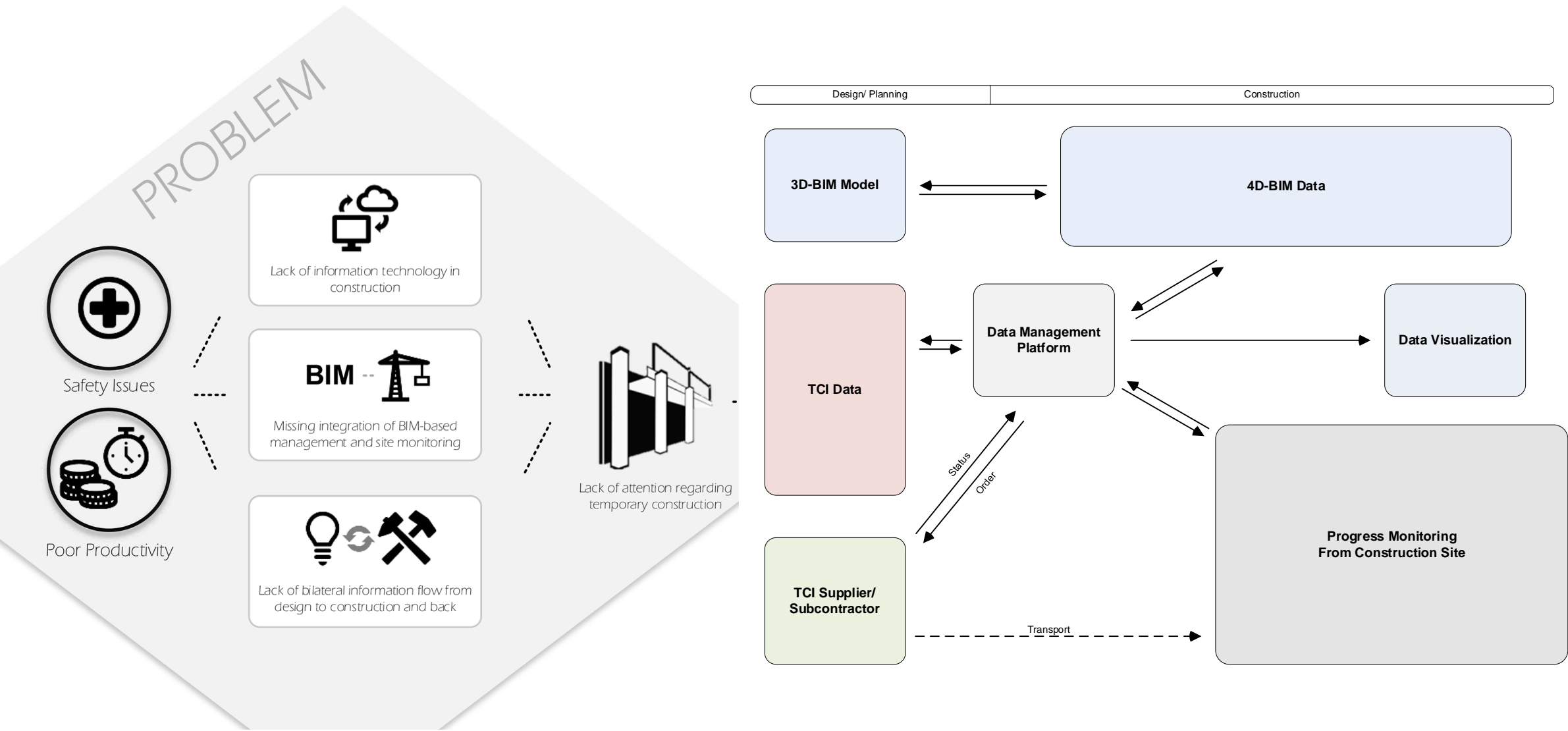


Integrative and lean logistic management process of temporary construction items

Interview for validating theory about temporary construction items (TCIs) and receiving new solutions from the industry.

Key Question: *How can productivity and safety issues in construction be resolved by integrating temporary construction items (TCIs) in the logistics and site management process?*

Improved management process of TCIs



Section 1: General

Question 0

Can you give a background about yourself and your career?

Section 1: General

Question 1

What products does your organization provide for construction sites? How's the future demand regarding these products expected?

Section 1: General

Question 2

How do you supply construction sites with your product and what services do you provide with your products? Do you use any technology to facilitate this process?

Section 2: Problem Space

Question 3

How are temporary construction items considered in a construction site regarding budgeting, management and monitoring?

BUDGETING	MANAGEMENT	MONITORING

Section 2: Problem Space

Question 4

Assumption: Items, such as formwork and supporting structures are used repeatedly during construction. These items produce waste and block construction progress because they are not properly considered in construction management.

Question: What items create the most difficulties regarding site & logistics management on site? Where is the most potential to make improvements?

Section 3: Solution Space

Question 5

What data or information would be needed to improve the management of formwork? How can this information be obtained?

Section 3: Solution Space

Question 6

Assumption: By linking the TCIs to their related construction activity, it must be possible to derive amount and type of TCIs.

Question: Is it possible to automatically generate the number of standard formwork based on geometry of building parts? Does your organization have such a solution?

Section 3: Solution Space

Question 7

Assumption: The proposed process improvement of site & logistics management regarding TCIs is proposed.

Question: In your opinion, how will this setup improve productivity and safety on site? How would you as a supplier benefit from it?