



The Knowledge Leader for Project Success
Owners • Contractors • Academics



Report: COAA Conference 2014

Survey Results



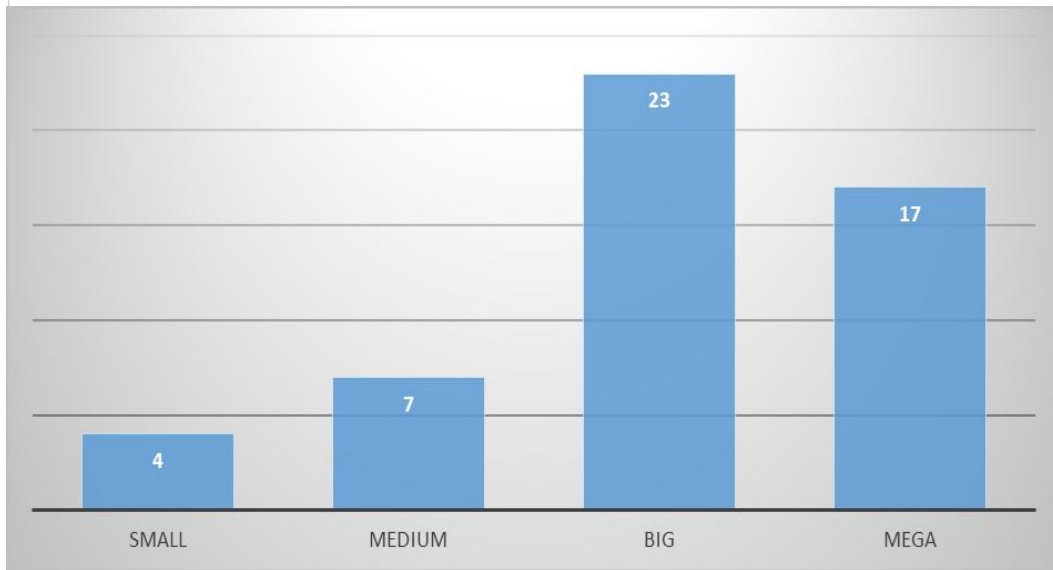
Agenda

- Demographics (4 questions)
- AWP Implementation (6 q.)
- Results: Predictability (3 q.) and Engineering Deliverables (2 q.)
- Causes of Late Engineering (2 q.)
- Performance: Quality (1 q.) and Safety (1 q.)

Demographics (1 of 2)

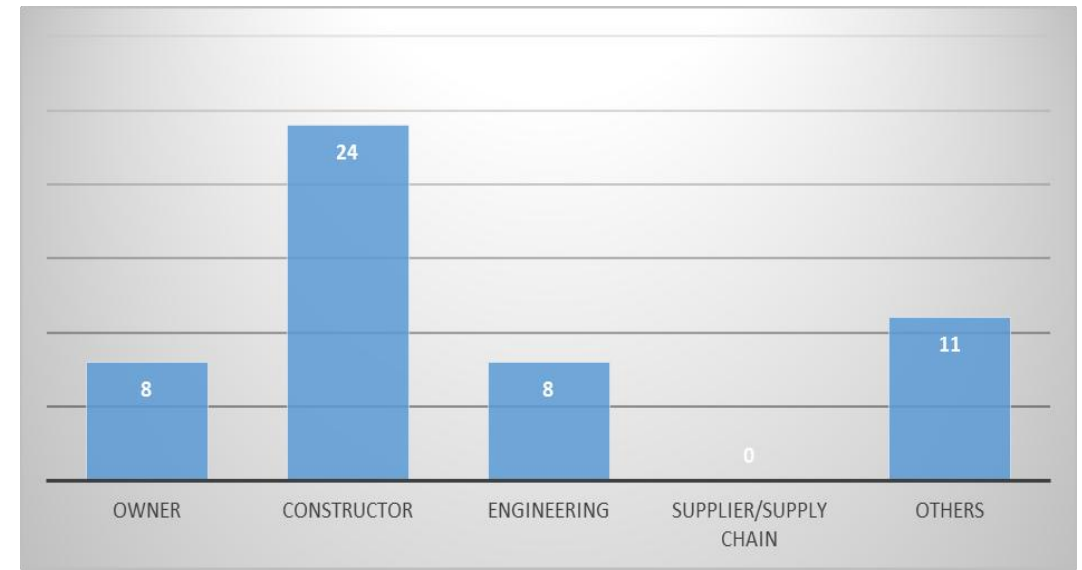
Question 1

What was the TIC of the Project?



Question 2

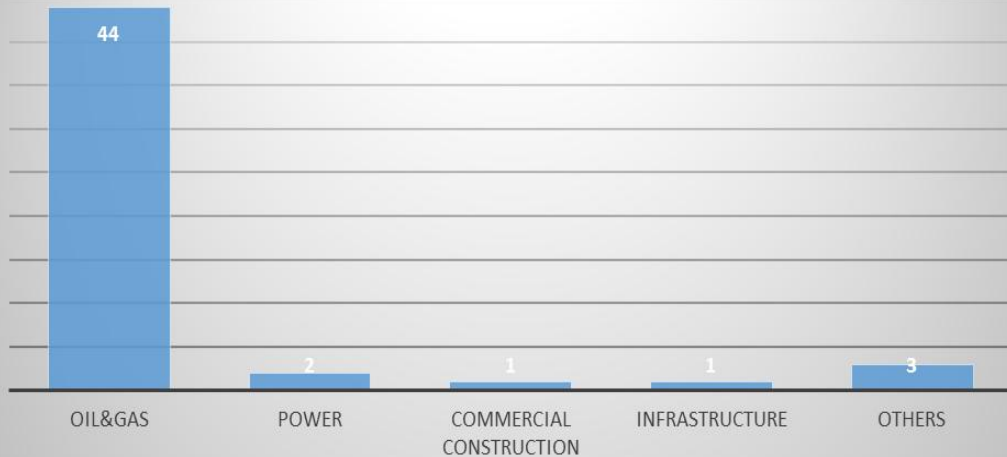
What was your role in the Project?



Demographics (2 of 2)

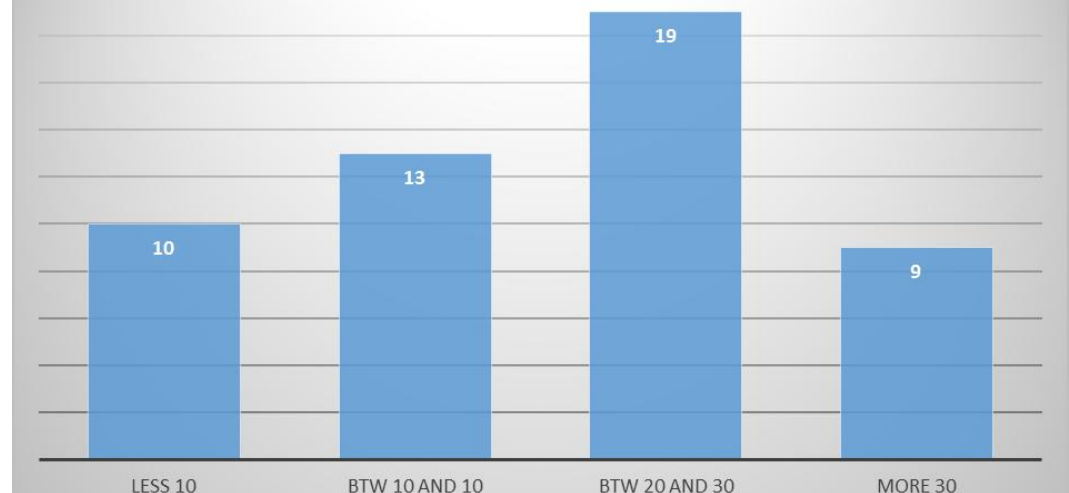
Question 3

What was the main business of the Project?



Question 4

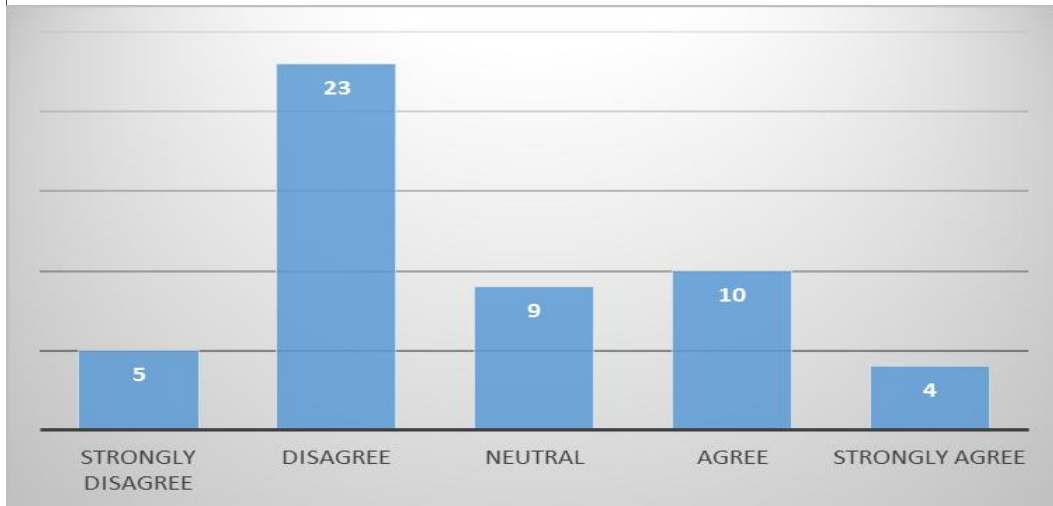
How many years of experience do you (individual) have in this business?



AWP Implementation (Alignment)

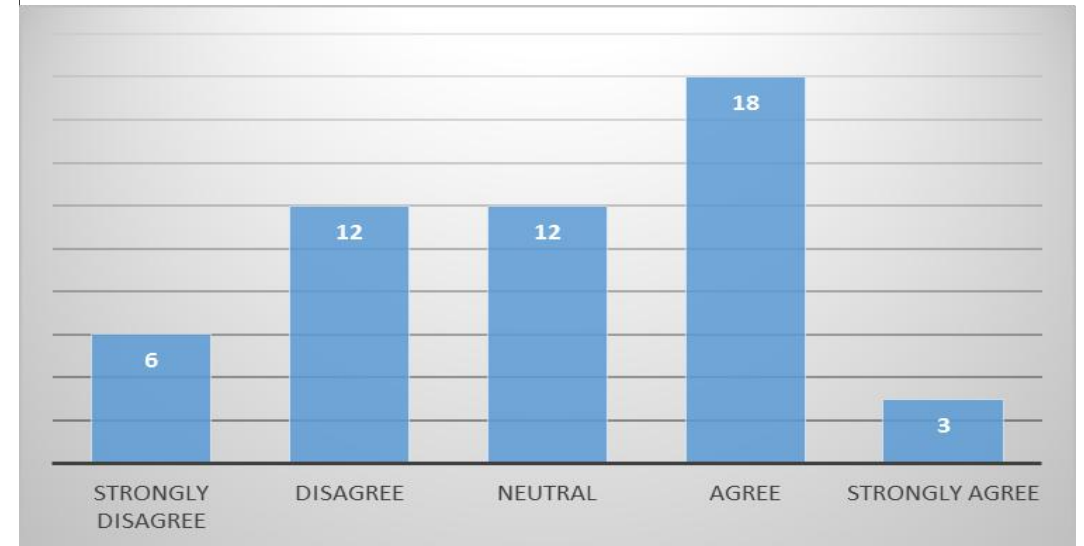
Question 8

The work-packaging process was integrated and aligned with project procedures.



Question 9

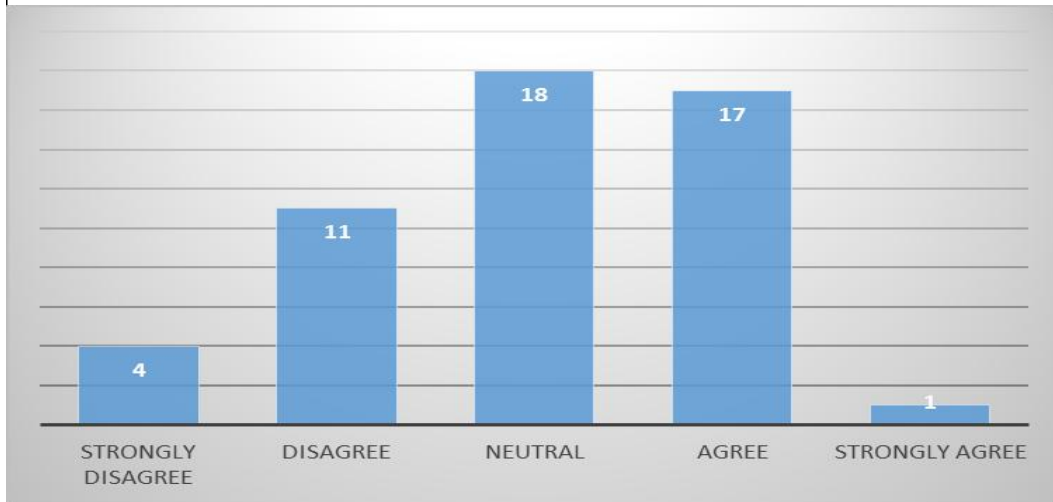
The WBS was aligned with the AWP execution plan and associated work packages (CWP, EWP, IWP).



AWP Implementation (Contracts)

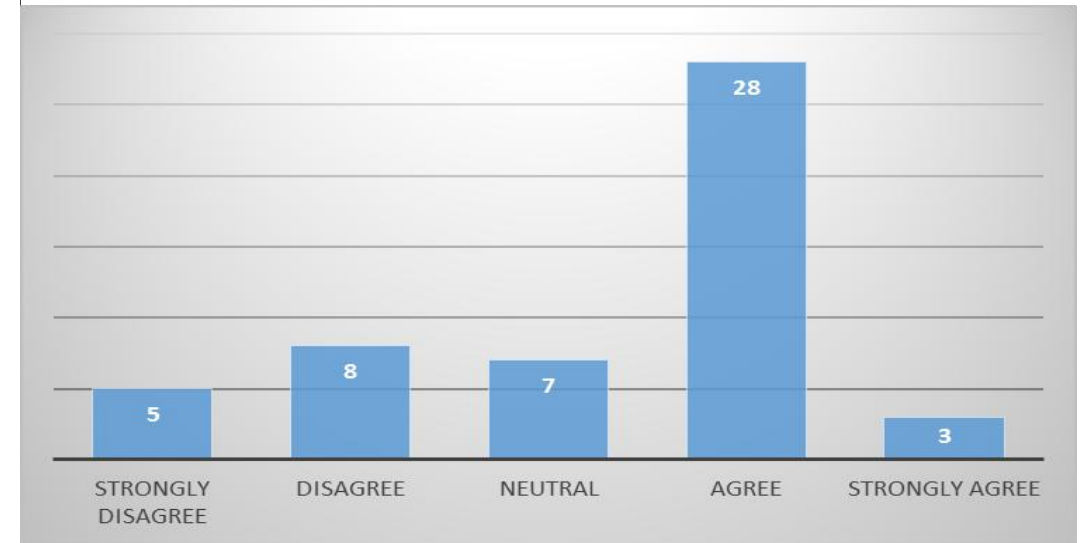
Question 6

Roles and responsibilities were defined for all stakeholders in accordance with AWP guidelines.



Question 10

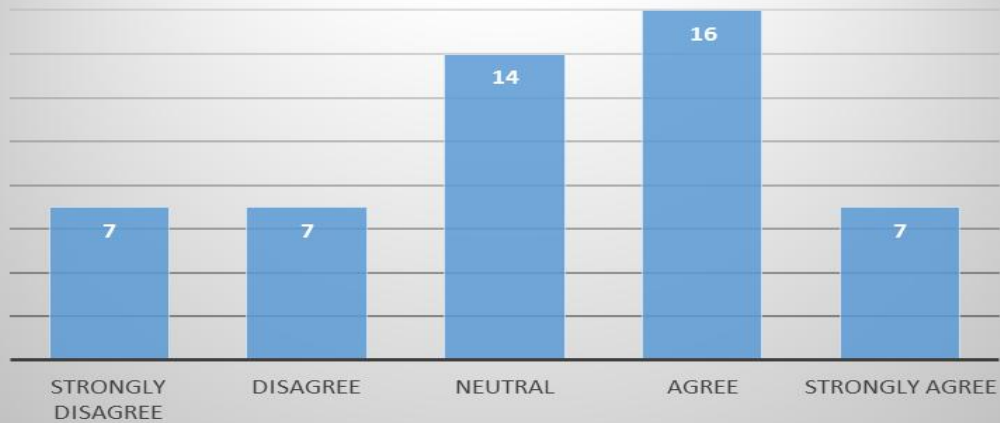
Work-packaging requirements and deliverables were included within key project participants' contracts.



AWP Implementation (Procedures)

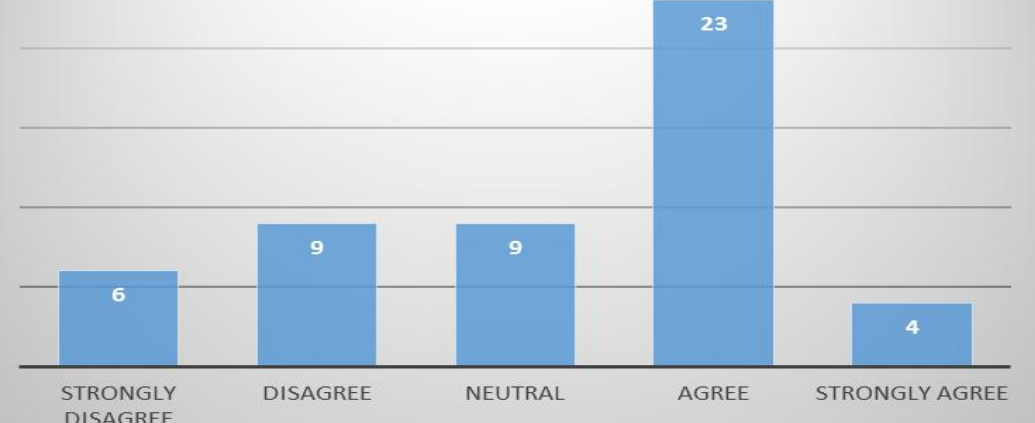
Question 5

For this project, *in the early planning stage*, project execution planning documents included construction sequence, phases and boundaries to support AWP.



Question 7

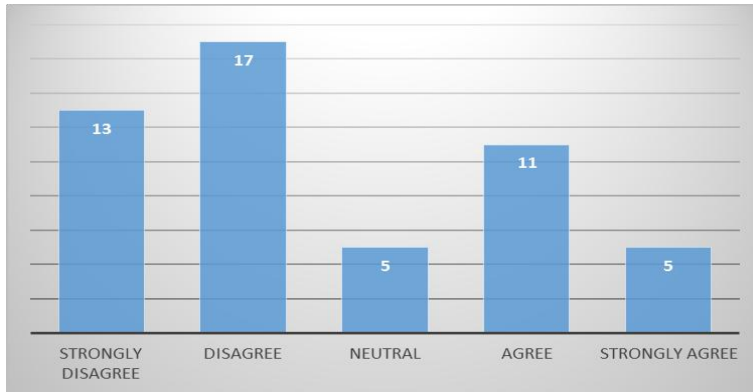
Major equipment and procurement data were identified and integrated with work-packaging schedules (EWP, CWP).



Results: Predictability

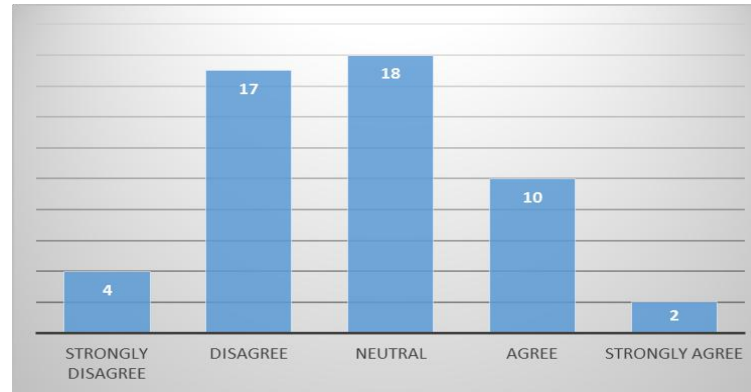
Question 15

The project finished (will finish) within the planned budget including approved scope changes.



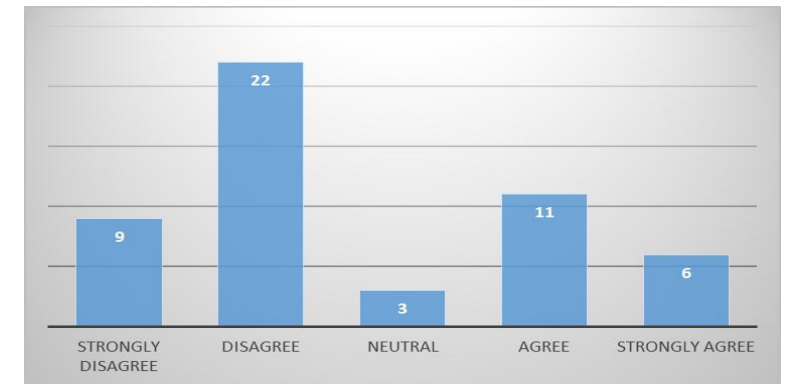
Question 16

The project finished (will finish) within the planned schedule including approved changes.



Question 17

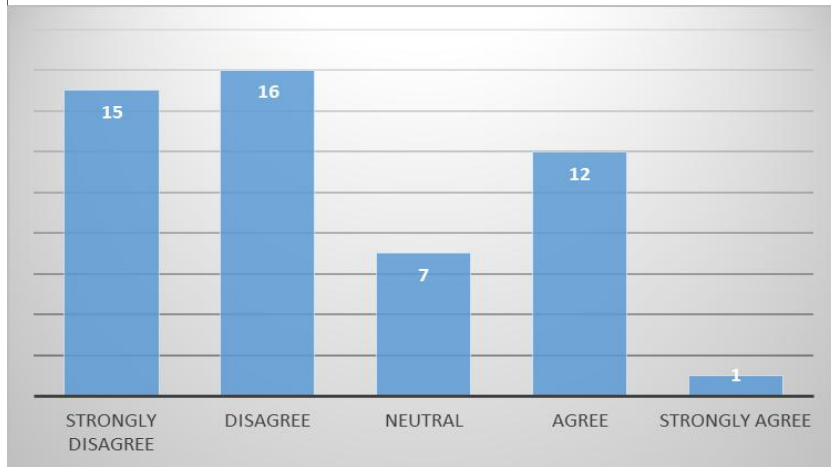
IWP work hours were accomplished at or better than plan (approved baseline for final scope).



Results: Engineering Deliverables

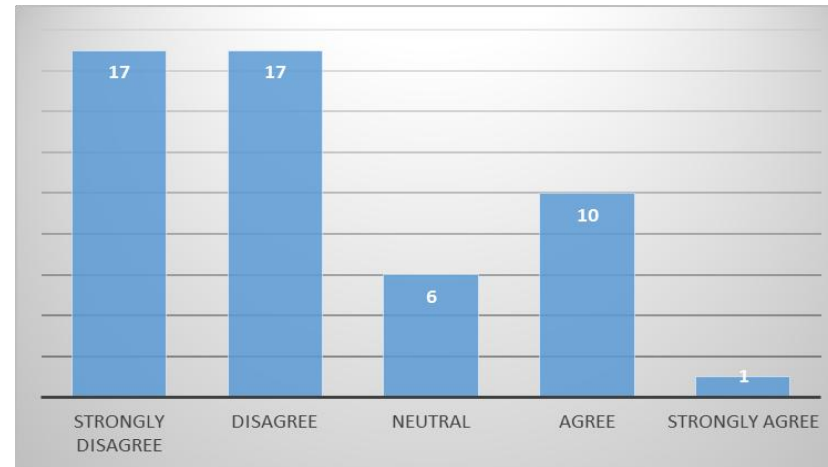
Question 11

Engineering deliverables were issued on schedule in accordance with the EWP plan.



Question 12

Engineering deliverables were complete (in terms of required documentation) when they were first issued.

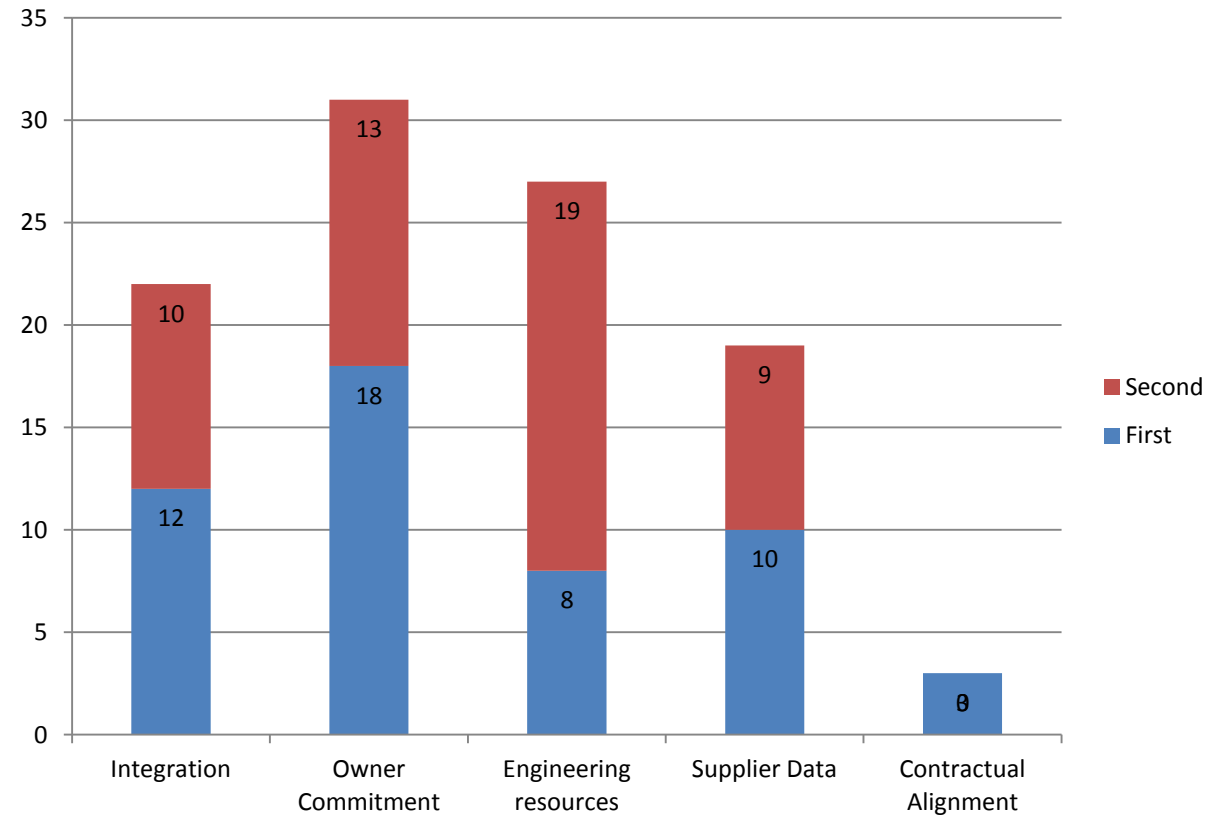


Causes of Late Engineering

Question 13

For this Project, the primary cause of late engineering deliverables could be attributed to:

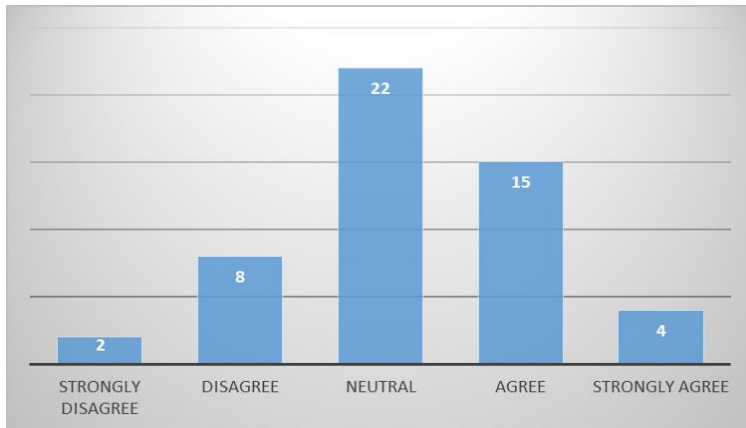
- A. Poor integration between construction and engineering
- B. Poor Owner commitment/control
- C. Lack of engineering resources
- D. Lack of supplier data
- E. Contracts don't drive alignment of interests



Performance: Quality and Safety

Question 18

Project Quality was improved in comparison to similar projects in terms of size & scope.



Question 19

The project achieved improved safety performance in comparison to similar projects in terms of size & scope.

