

Intro to Infrastructure

Course Agenda

Dates: Thursday 27 and Friday 28 Jul 2023
Brisbane Location: WSP Australia, Level 12, 900 Ann Street
Fortitude Valley QLD 4006

DAY 1: Thursday 27 July 2023

9:00 am Arrival (30 mins)

9:30 am Welcome (10 mins)

Quiz (10 mins)

Introduction (10 mins)

- Why we are here
- Contributing organisations
- Course Overview: Outcomes & What to expect
- Facilitator introduction
- Who's in the room

Interactive 1 – Industry challenges & vision (20 mins)

Reflect on and discuss the personal and collective challenges in the industry and where we would like to see the industry going.

Section 1 – Intro to Infrastructure (10 mins)

- History of the industry
- The evolution of projects

Section 2 – The Major Players – Public Sector (30 mins)

- Government
- Standard Organisations
- Regulators
- Infrastructure bodies
- Infrastructure authorities

11:00 am Morning Tea (30 mins)

11:30 am Course Recommence (60 mins)

Section 2 – The Major Players – Private sector stakeholders

- Industry groups and associations
- Contractors
- Designers
- System integrators
- Financiers
- Asset owners, concessionaires and operators
- Trade unions
- Subcontractors & suppliers

12:30 pm Buffet Lunch (60 mins)

1:30 pm Course Recommence

Interactive 2 – Stakeholder Drivers: East-West Link Case Study (20 mins)

Work with the East-West Link Case Study to understand the different stakeholder key drivers, challenges, and points of conflict with other stakeholders.

Section 3 – Contemporary Values in infrastructure (25 mins)

- Sustainability
- Safety and Security
- Inclusion
- Social Procurement
- Innovation

Interactive 3 – Contributors to Change (15 mins)

Work with contemporary values and identify through a critical thinking process what is hindering progress in those areas and what can be done in the immediate future to foster them.

2:30 pm Industry Panel Discussion and Q&A

We invite Industry Leaders to attend with the participants to hear from panellists to respond to participants' open questions.

3:30–5:00 pm Skillsy Celebration with Industry Leaders

Panellists, Industry Leaders, and participants network over stand-up drinks

5:00 pm Close

DAY 2: Friday 28 July 2023**9:00 am** Course Commence (120 mins)**Interactive 4 – Infrastructure Projects (30 mins)**

Identify the projects your company or government is working on, and discuss and understand why those projects were chosen and funded.

Section 4, 5, and 6 – Construction Project Life Cycle (90 mins)

- Project Identification & Infrastructure planning
- Business cases, Environmental effects statements, and planning approvals
- Project funding and financing
- Procurement / Tender life cycle
- Contract models
- Sustainable outcomes

11:00 am Morning Tea (30 mins)**11:30 am** Course Recommence (75 mins)**Continue Section 4, 5, and 6 – Construction Project Life Cycle (15 mins)**

- Project execution and construction
- Beyond delivery
- Challenges and Lessons learned

Interactive 5 – Scenario: Fast train to Brisbane (60 mins)

Work with a current challenge at a particular stage of the product lifecycle project and perform root-cause analysis in order to propose an innovative solution that fosters more collaboration to consult the 'Director General of Queensland Rail'.

12:30 pm Buffet Lunch (60 mins)**1:30 pm** Course Recommence (75 mins)**Section 7 – What does success look like (45 mins)**

- Challenges
- Positive Outcomes
- Success Examples

Section 8 – The future of infrastructure (10 mins)**Interactive 6 – Your Role in the Future (20 mins)**

Share your personal vision for the Australian infrastructure sector, which challenges you would like to address or see addressed most and how you can contribute to this change.

2:45 pm Recap of Day 2 and course (15 mins)**3:00–4:00 pm** Afternoon Tea and networking (60 mins)**4:00 pm** Close