

# Intro to Infrastructure

## Course Agenda

**Dates:** Monday 20 November and Tuesday 21 November

**Coffs Harbour Location:** To be confirmed

### DAY 1: Monday 20 November 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: Tuesday 21 November 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