BUILT DIGITAL SA

KNOWLEDGE / CAPABILITY / COMMUNITY



Annual Learning Programme

Six practical workshops to build confidence in digital construction, information management and emerging technology.

START WITH THE FOUNDATIONS. BUILD CAPABILITY FOR THE FUTURE.

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PROGRAMME OVERVIEW

A practical pathway to digital capability.

Six complementary topics. Start with the fundamentals, then build confidence in the information and technologies that support better outcomes.

01

An Introduction to Digital Construction

THE FOUNDATIONS

02

Information Management Principles

ISO 19650 IN PRACTICE

03

Digital Asset Management

ASSET INFORMATION AND VALUE

04

Developing Information Requirements

FROM NEEDS TO DELIVERABLES

05

Validating and Accepting Information

QUALITY, ASSURANCE AND HANDOVER

06

AI and Responsible Automation

PRACTICAL AI FOR THE BUILT ENVIRONMENT

THE SIX WORKSHOPS

Foundations and information.

Workshops 01 and 02 introduce the language of digital construction and the core principles of information management.

01

An Introduction to Digital Construction

THE FOUNDATIONS

A clear starting point for anyone new to digital construction. Understand what Building Information Modelling (BIM) and Digital Engineering (DE) mean, why they matter and how information supports the built environment from design through operation.

WHAT YOU WILL EXPLORE

- Explain BIM, Digital Engineering and how they relate to one another
- Recognise common digital processes and practical industry applications
- Understand why collaboration and reliable information matter

02

Information Management Principles

ISO 19650 IN PRACTICE

Explore the foundations of structured information management using the ISO 19650 series. Understand how project teams organise information, assign responsibilities and manage exchanges through a common data environment.

WHAT YOU WILL EXPLORE

- Recognise the purpose and principles of ISO 19650
- Understand key information management roles and workflows
- Explain common data environments and information exchange states

THE SIX WORKSHOPS

Assets and requirements.

Workshops 03 and 04 connect asset management objectives with clear information requirements for delivery teams.

03 Digital Asset Management

ASSET INFORMATION AND VALUE

Connect digital delivery with the information needed to operate and maintain built assets. Explore ISO 55000 principles, asset information, digital handover and the connection between quality data and better lifecycle decisions.

WHAT YOU WILL EXPLORE

- Understand how asset management objectives shape information needs
- Describe the relationship between project information and asset information
- Identify opportunities to improve digital handover and ongoing operations

04 Developing Information Requirements

FROM NEEDS TO DELIVERABLES

Learn how to work backwards from organisational, asset and project outcomes to define the information that delivery teams need to provide. Focus on clear, proportionate requirements that can be checked and used.

WHAT YOU WILL EXPLORE

- Distinguish organisational, asset, project and exchange information needs
- Describe how requirements influence project delivery and procurement
- Recognise the features of useful, measurable information requirements

THE SIX WORKSHOPS

Quality and responsible innovation.

Workshops 05 and 06 focus on information assurance and the responsible use of emerging technology.

05

Validating and Accepting Information

QUALITY, ASSURANCE AND HANDOVER

Understand the steps involved in checking, validating and accepting models and information. Explore how teams demonstrate that information deliverables meet stated requirements before handover and operational use.

WHAT YOU WILL EXPLORE

- Differentiate information checking, validation and acceptance
- Recognise common model and data quality issues
- Understand evidence, review and approval considerations at handover

06

AI and Responsible Automation

PRACTICAL AI FOR THE BUILT ENVIRONMENT

Explore where artificial intelligence and automation can assist design, delivery and asset operations. Discuss information quality, governance, security, oversight and the importance of selecting applications that deliver real value.

WHAT YOU WILL EXPLORE

- Identify sensible AI and automation opportunities across the asset lifecycle
- Recognise data readiness, governance and security considerations
- Understand the importance of human judgement and responsible use

Learning works best when we connect.

Build foundational knowledge, exchange practical experience and help strengthen South Australia's digital built environment community.

REGISTER YOUR INTEREST

To receive details about any of the six workshops, or to discuss participation by your team, please contact Built Digital SA.

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Programme topics are indicative. Session dates, delivery formats, registration arrangements and detailed learning resources will be shared when confirmed.