

CitA Digital Skills Series
2024

CitA

Soft Skills for BIM in Construction

Building Success Beyond Models

Background

- Diarmuid Waters
- Associate Director & Senior Project Manager for Rogerson Reddan & Associates
- P. Grad. Dip Sustainable Energy and the Environment (Ongoing)/MSc in Programme & Project Management/BSc Civil Engineering Management/
- Working with Rogerson Reddan & Associates since 2018 in the PM & Sustainability Departments

Our Roles in Projects

- Client-Side Project Manager
- Deliver Projects mostly under the CWMF

	Stage	What happens
	1. Appraisal	The needs are identified, the broad parameters of a solution are agreed, and a decision-in-principle is made to proceed.
<i>Capital Works Management</i>	2. Planning	The needs are quantified and assumptions verified, the desired outputs are specified, and the solution is designed.
	3. Implementation	The solution is constructed.
	4. Project review	An assessment is carried out of how successfully the delivered solution addresses the needs.



Seirbhís Phríosúin
na hÉireann
Irish Prison Service

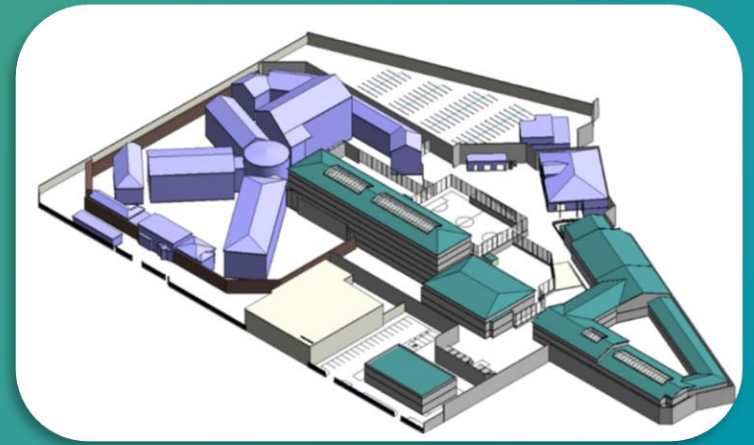


An Roinn Oideachais
Department of Education



Projects Involving BIM

IPS Limerick
Prison
Redevelopment



Schools Energy
Retrofit 2023



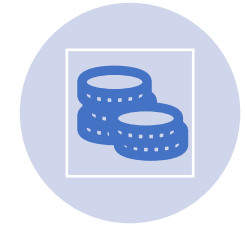
Importance of BIM to Clients



**BETTER
COMMUNICATION
AND
COLLABORATION**



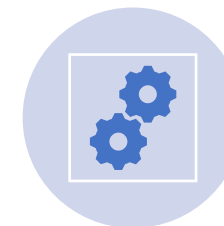
**ORGANISE THE
PROJECT SCHEDULE
AND BUDGET**



BUDGET CONTROL

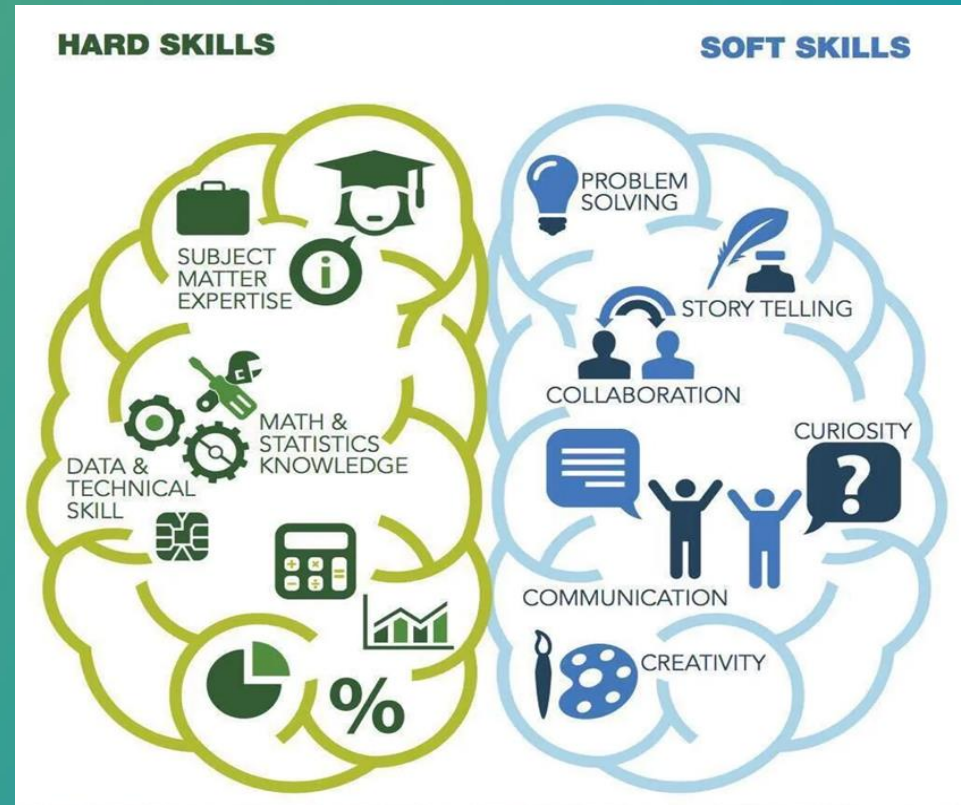


**RAPID ANALYSIS OF
DIFFERENT
SCENARIOS**



**LEAN
MANAGEMENT**

What are 'Soft Skills' & why are they important?



Soft Skills Identified

Collaboration and Communication

Teamwork

Adaptability

Problem-Solving

Time Management

Conflict Resolution

Leadership

Continuous Learning

SOFT SKILLS – CWM STAGES

STAGE	SOFT SKILLS							
	Collaboration & Communication	Teamwork	Adaptability	Problem-Solving	Time Management	Conflict Resolution	Leadership	Continuous Learning
APPRAISAL								
PLANNING								
IMPLEMENTATION								
PROJECT REVIEW								

COLLABORATION & COMMUNICATION

STAGE	SOFT SKILLS
	Collaboration & Communication
APPRAISAL	X
PLANNING	X
IMPLEMENTATION	X
PROJECT REVIEW	X

TEAMWORK

STAGE	SOFT SKILLS	
	Collaboration & Communication	Teamwork
APPRAISAL	X	X
PLANNING	X	X
IMPLEMENTATION	X	X
PROJECT REVIEW	X	X

ADAPTABILITY

STAGE	SOFT SKILLS		
	Collaboration & Communication	Teamwork	Adaptability
APPRAISAL	X	X	X
PLANNING	X	X	X
IMPLEMENTATION	X	X	X
PROJECT REVIEW	X	X	X

PROBLEM SOLVING

STAGE	SOFT SKILLS			
	Collaboration & Communication	Teamwork	Adaptability	Problem-Solving
APPRAISAL	X	X	X	X
PLANNING	X	X	X	X
IMPLEMENTATION	X	X	X	X
PROJECT REVIEW	X	X	X	X

TIME MANAGEMENT

STAGE	SOFT SKILLS				
	Collaboration & Communication	Teamwork	Adaptability	Problem-Solving	Time Management
APPRAISAL	X	X	X	X	X
PLANNING	X	X	X	X	X
IMPLEMENTATION	X	X	X	X	X
PROJECT REVIEW	X	X	X	X	X

CONFLICT RESOLUTION

STAGE	SOFT SKILLS					
	Collaboration & Communication	Teamwork	Adaptability	Problem-Solving	Time Management	Conflict Resolution
APPRAISAL	X	X	X	X	X	X
PLANNING	X	X	X	X	X	X
IMPLEMENTATION	X	X	X	X	X	X
PROJECT REVIEW	X	X	X	X	X	X

LEADERSHIP

STAGE	SOFT SKILLS						
	Collaboration & Communication	Teamwork	Adaptability	Problem-Solving	Time Management	Conflict Resolution	Leadership
APPRAISAL	X	X	X	X	X	X	X
PLANNING	X	X	X	X	X	X	X
IMPLEMENTATION	X	X	X	X	X	X	X
PROJECT REVIEW	X	X	X	X	X	X	X

CONTINUOUS LEARNING

STAGE	SOFT SKILLS							
	Collaboration & Communication	Teamwork	Adaptability	Problem-Solving	Time Management	Conflict Resolution	Leadership	Continuous Learning
APPRAISAL	X	X	X	X	X	X	X	X
PLANNING	X	X	X	X	X	X	X	X
IMPLEMENTATION	X	X	X	X	X	X	X	X
PROJECT REVIEW	X	X	X	X	X	X	X	X



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Thank you for attending