

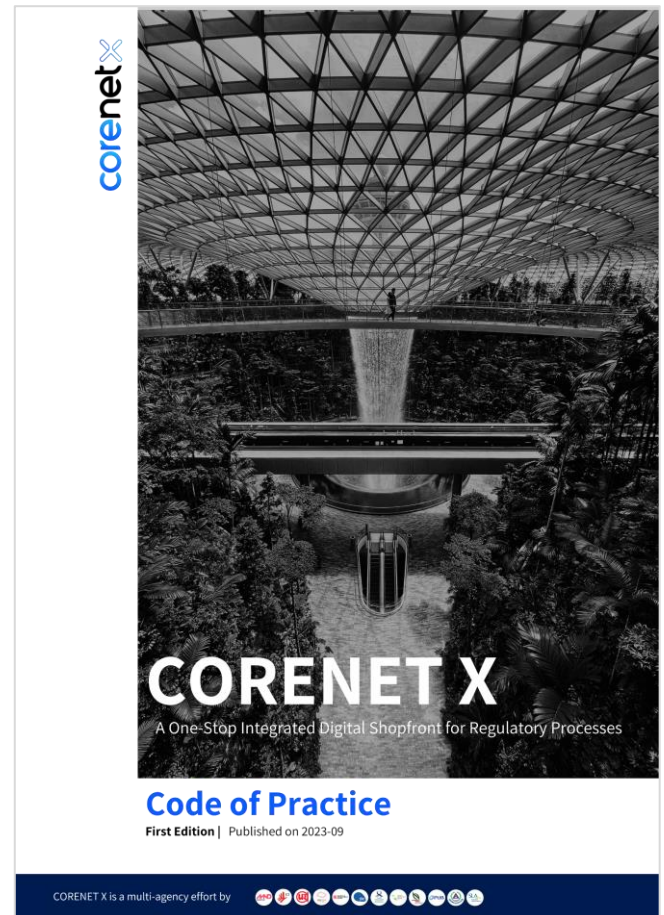
About

The CORENET X Code of Practice (COP) is intended to help industry practitioners in understanding how to prepare multi-agency regulatory submissions across the key submission gateways in CORENET X.

This Code of Practice includes recommended procedures and good practices to address common Building Information Modelling (BIM) issues at general project collaboration level (e.g. multi-disciplinary project set-up, geo-referencing) and specific details that vary from firm to firm today.

This Code of Practice complements the IFC-SG Resource Kit (<https://go.gov.sg/ifcsg>), which provides technical templates and help resources from key proprietary BIM software for the generation of IFC-SG models.

Edition	:	First Edition
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No. of Pages	:	374
Annex	:	Summary of Changes



Note:

1. The CORENET X Code of Practice is subjected to periodic review and updates to keep abreast of CORENET X's Agile Development Methodology.
2. Compliance with the CORENET X Code of Practice does not exempt the appointed Qualified Persons (QPs) from their statutory responsibilities under the respective Acts and Regulations.
3. The CORENET X Code of Practice does not substitute Handbooks, Circulars or other regulatory publications of the regulatory agencies. Readers should refer to the relevant Codes, Act and Regulations on the compliance required for their projects, before referring to this Code of Practice.

Section 1 Introduction to CORENET X (CX)		
new	refined	removed
-	-	-
Section 2 General Requirements		
new	refined	removed
a. Multi-Disciplinary Coordination • Alignment of Levels and Zones across all disciplines' models	a. Multi-Disciplinary Coordination • Clash Detection	-
b. Joint Submission Workflow for: • New Submission • Amendment Submission	b. Preparing Models for Submissions • Model Size • Setting up Project Information	
c. Preparing Models for Submissions • Archicad • Tekla	c. Geo-Referencing	
d. 3rd Party Applications • DiRoots		
e. List of recommended IFC Viewers		
Section 3 Specific Requirements by <i>Regulatory Agencies</i>		
new	refined	removed
a. Understanding the Table Format with a Case Example • Greater clarity on how to navigate Section 3	a. Overall Refinement & Harmonisation of Agency Requirements • Greater clarity on the requirements and submission format required (e.g. BIM, 2D, Supporting Documents)	-
	b. Overall refinement of disciplines / color tagging • Note that the QPs statutory responsibilities remains unchanged. The color tagging is for reference only.	
Section 3 Specific Requirements by <i>Project Disciplines (Removed)</i>		
new	refined	removed
Removed sub-chapter on 'Project Disciplines' to minimise confusion with other sub-chapters, as per feedback from industry		

Note: The summary of changes listed above are vis-à-vis the Draft COP published on 12 May 2023.

Section 3 Specific Requirements by <i>Key Gateways</i>				
new		refined		removed
a.	Sub-chapter on Pre-Submission, Planning and Other Consultation <ul style="list-style-type: none"> Listing of critical individual agency consultations for better preparation and planning of CX submissions in the new workflow 	a.	Glossary of Common Key Words <ul style="list-style-type: none"> Updates vis-à-vis specific requirements in the 'Agency' and 'Key Gateways' 	-
		b.	Overall Refinement & Harmonisation of Key Gateways Requirements <ul style="list-style-type: none"> Greater clarity on the requirements and submission format required (e.g. BIM, 2D, Supporting Documents) 	
Section 3 Other Building Works (New Sub-Chapter)				
new		refined		removed
a.	Sub-Section on External Works <ul style="list-style-type: none"> Requirements from LTA, PUB, NParks covering typical building development works outside the development boundary 	-		-
b.	Sub-Section on Conservation <ul style="list-style-type: none"> Requirements from URA on Conservation 			
c.	Sub-Section on Direct Submission Process <ul style="list-style-type: none"> Clarity on submission workflow for simpler development typologies (e.g. linkway) 			
Section 4 BIM Data Representation (IFC-SG) and Modelling Good Practice				
new		refined		removed
a.	Modelling IFC-SG for SCDF Submission <ul style="list-style-type: none"> General guide on modelling fire safety equipment / provision 	a.	List of inputs for IFC-SG Structural Parameters	-
b.	'Space' IFC-SG <ul style="list-style-type: none"> Standardisation of 'Space' names and 'Occupancy Types' across BCA, LTA NEA, PUB, SCDF and URA Standardisation of 'Space - Areas Schemes' for checks based on GFA only 	b.	Overall Refinement & Harmonisation of IFC-SG Parameters / Representation <ul style="list-style-type: none"> Greater clarity on the IFC Parameters with more illustrations to guide industry practitioners 	

Note: The summary of changes listed above are vis-à-vis the Draft COP published on 12 May 2023.