

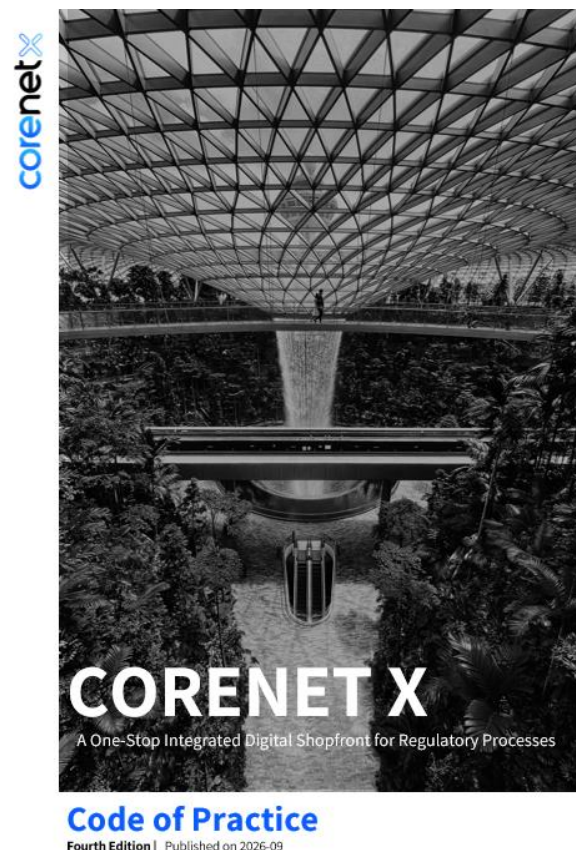
About

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	:	4th Edition
Publication Date	:	2026-09
No. of Pages	:	461
Annex	:	Summary of Changes



CORENET X is a multi-agency effort by



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	Example of the Level of Detail in a BIM Model An example has been added on page 15 to clarify the required Level of Detail (LOD) for BIM components. The revision emphasizes that accurate IFC+SG data is more important than creating geometrically realistic BIM objects.
		b	
			Minor Editorial Changes Minor editorial changes for better clarity
Section 3 Specific Requirements by <i>Regulatory Agencies</i>			
new		refined	removed
-	Preliminary Test Piles Greater guidance provided under LTA's "Preliminary Test Piles" in Specific Requirements of Pre-Submission, Planning and Other Consultations	a	Lightning Protection System Greater guidance provided under BCA's "Lightning Protection" in Specific Requirements of Construction Gateway
		b	Environmental Sustainability Greater guidance provided under BCA's "Environmental Sustainability" in Specific Requirements of independent submission
		c	Pedestrian Network and Greenery Greater guidance provided under URA's "Pedestrian Network" and "Greenery" in Specific Requirements of construction gateway
Section 3 Specific Requirements by <i>Key Gateways</i>			
new		refined	removed
-	-	a	Minor Editorial Changes Minor editorial changes for better clarity

Note: The summary of changes listed above are vis-à-vis the COP 3.1 Edition published in December 2025.

Section 3

Other Building Works

new	refined	removed
-	-	-

Section 4

BIM Data Representation (IFC+SG) and Modelling Good Practice

new		refined	removed
		a. Specific Requirements – from CP Minor updates to IFC+SG property names, IFC SubTypes and input limitations.	-

Final Pages

new refined removed

CORENET X is a multi-agency effort by

