

Pipeline of Projects Prescribing DfMA Technologies (for construction tenders expected to be called between Jan 2020 to Dec 2021)

There is continued strong support from the public sector to prescribe DfMA technologies in projects. The table below shows the expected number of upcoming projects in Singapore prescribing DfMA technologies, for construction tenders expected to be called between Jan 2020 to Dec 2021. In summary, there will be 90 of such projects in the pipeline.

	≤S\$40 mil	S\$40 mil < X ≤ S\$85 mil	S\$85 mil < X ≤ S\$150 mil	S\$150 mil < X ≤ S\$300 mil	>S\$300 mil	Total
Prefabricated Prefinished Volumetric Construction (PPVC)	0	9	23	7	0	39
Mass Engineered Timber (MET)	3	0	1	0	0	4
Structural Steel	0	1	1	2	4	8
Advanced Precast Concrete System (APCS)	0	12	10	2	1	25
Hybrid/ Multi-tech	5	1	1	0	7	14
Total No. DfMA Project	8	23	36	11	12	90
Prefabricated MEP Systems	1	0	1	1	7	10

Prefabricated Prefinished Volumetric Construction (PPVC) remains the most widely adopted DfMA technology in the next 2 years, while the use of Advanced Precast Concrete System (APCS) is gaining traction, particularly in residential projects. Confidence in prefabricated MEP systems is growing and 9 larger projects (with construction value of at least \$85mil) will be adopting prefabricated MEP systems.

Note:

Of the 10 projects adopting prefabricated MEP systems, 9 projects are also adopting other DfMA technologies. These 9 projects are accounted for under the 90 DfMA projects.

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