

2.2 CONSTRUCTION INDUSTRY MASTER PLAN (CIMP) 2006-2015

CIDB together with the captains of the construction industry have drafted Construction Industry Master Plan (CIMP) 2006-2015. The importance of research as stipulated in the CIMP's fifth Strategic Thrust is reflected in the fact that it is the defining tool to generate innovativeness that improve the quality, performance and standard of the construction industry through R&D. The summary of the overall strategic thrusts, its components and recommendation in CIMP is shown in **Figure 1**.

The importance of ICT for construction is explained in Strategic Thrust 6. This thrust plays significant roles in transforming design and building process in IBS from virtual to reality. Collaborative approach and technology transfer on latest development on CADD such as 4-D to nD modeling which currently under development at University of Stanford and University of Salford respectively will add values to the IBS value chain which CREAM needs to be involved. Participation from the industry is also equally important to gauge the suitability of R&D undertaken at CREAM.

The expected target in year 2015 for Strategic Thrust 5 which gives emphasis on IBS and Strategic Thrust 6 is highlighted in **Table 1**.

Table 1: Expected Target of ST 5 and ST 6 by year 2015

			Based Year 2006
S T 5	Target for 2015	Construction R&D as a % of construction GDP	To improve by 100%
	Target for 2015	% IBS/ precast used in construction projects	Above 80%
	CSF: Knowledge Innovation	Number of patents registered in the construction industry	To improve by 50%
	CSF: Knowledge Innovation	Number of commercialized value-realised R&D product	To improve by 50%
S T 6	Target for 2015	Total IT spending as a % of GDP	To improve by 50%
	CSF: Knowledge Innovation	Number of and revenue generated by IT companies supporting the construction industry	To improve by 50%

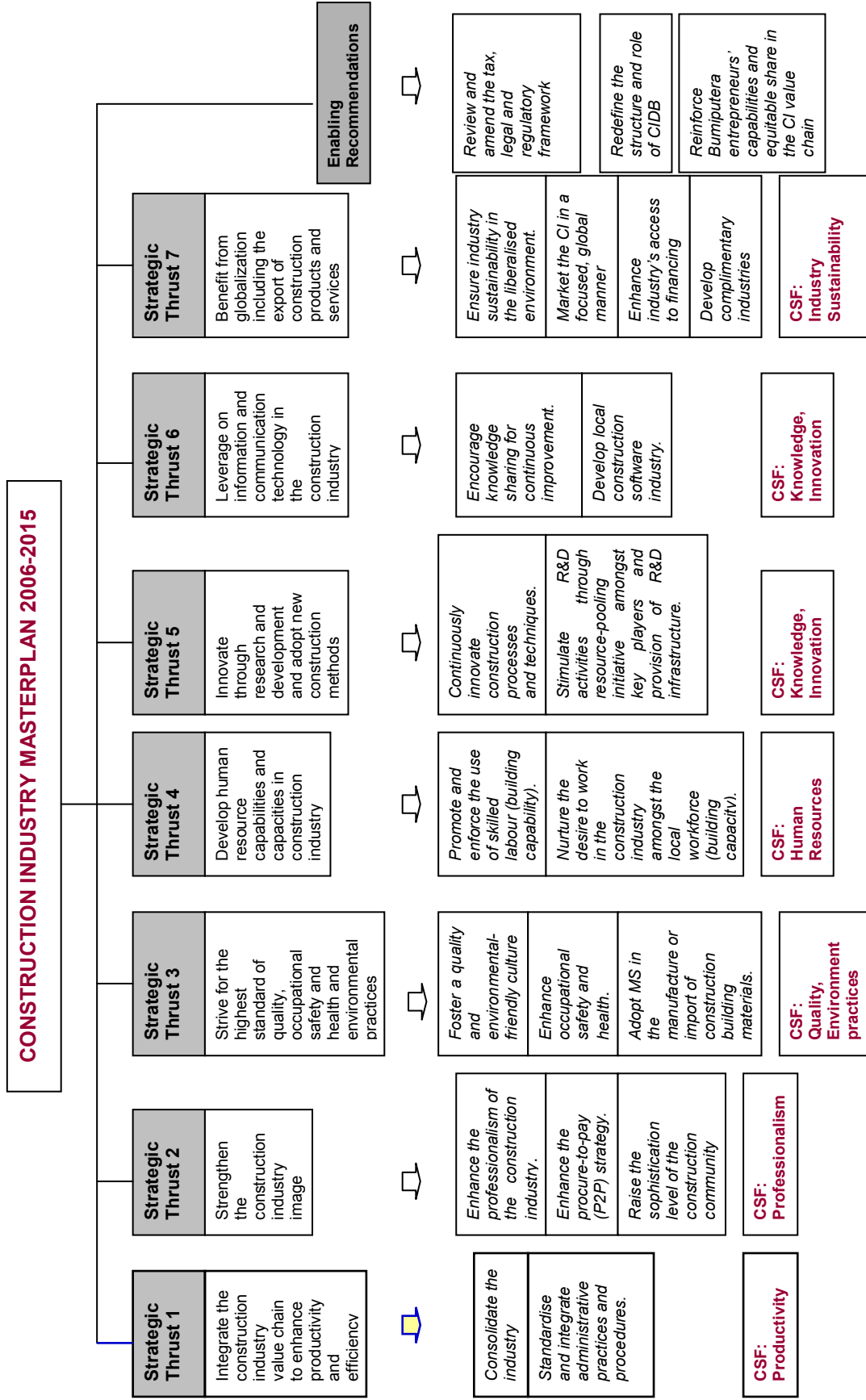


Figure 1: The Components of CIMP 2006-2015

