



University : Al –Nahrain University
Country : Iraq

7.2.2 plans to upgrade existing buildings to higher energy efficiency





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No.	Name	Place	automation		Safety				energy		water		Indoor environment				lighting				Building Area (m ²)	
			B1	B2	S1	S2	S3	S4	E1	E2	A1	A2	I1	I2	I3	I4	L1	L2	L3	L4		
1	University of AL-Nahrain; sothren campus buildings	Jadriah,Iraq	x		x	x	x		x		x	x	x					x		x	x	491627.916 m2
2	University of AL-Nahrain; northern campus buildings	Kadhmiya,Iraq	x		x	x	x		x		x	x	x					x		x	x	16078.236 m2
Total																						507706.152 m2

total building area=1719078. 9 m sq

total smart building area=507706.152 m2

(total smart building area/total building area)×100%

(507706.152 m2/1719078. 9 m2)*100

= 0.295

=29.5%