Circular Economy for Construction and Demolition Waste in the Metropolitan Region of Chile: A Delphi Analysis

Supplemental Information

Table S1: Factor importance results for Round 1

Dimension	Factor	Min	Max	Med.	Average Range	Abs. Deviation	IQR	Consensus
Socio-environmental	Awareness, Knowledge & Sustainable Actions	2	5	5	5.87	0.84	0.0	Yes
	Short-Term Interest	1	5	4	3.34	1.10	1.0	No
	Population Density & Urbanization	1	5	3	2.89	1.31	1.0	No
	Risks & Natural Disasters	1	5	4	3.34	1.10	1.0	No
Technique	Infrastructure, Technology & Processes	3	5	5	5.32	089	1.0	Yes
	Technological Knowledge	3	5	4	4.24	1.00	1.0	Yes
	Project Design & Execution	3	5	5	5.42	0.89	0.5	Yes
	Certification of Recycled Materials	3	5	5	4.84	0.94	1.0	Yes
Financial	Capital Investment Budget	1	5	5	4.39	1.42	1.5	No
	Expected Return on Investment	2	5	4	4.55	1.10	1.5	No
	Willingness to Pay for Recycled Materials	1	5	5	4.50	1.15	2.0	No
	Cost of Production of Recycled Materials	2	5	4	3.58	0.73	1.0	Yes
Strategic - regulatory	Political-Strategic Vision	3	5	5	4.97	1.05	1.0	No
	Specific Legislation & Regulations	4	5	5	5.71	0.63	0.5	Yes
	Incentives for CE	4	5	5	4.82	0.89	1.0	Yes
	Stakeholder Collaboration & Coordination	3	5	5	5.21	0.89	1.0	Yes

Table S2: Factor influence results for Round 1

Dimension	Factor	[1: Enables +]	[2: Does not contribute]	[3: Inhibits -]	Total (%)
Socio-environmental	Awareness, Knowledge & Sustainable Actions	68	16	16	100
	Short-Term Interest	37	11	52	100
	Population Density & Urbanization	26	26	48	100
	Risks & Natural Disasters	57	11	32	100
Technique	Infrastructure, Technology & Processes	79	0	21	100
	Technological Knowledge	78	11	11	100
	Project Design & Execution	84	5	11	100
	Certification of Recycled Materials	79	5	16	100
Financial	Capital Investment Budget	58	11	31	100
	Expected Return on Investment	32	16	52	100
	Willingness to Pay for Recycled Materials	37	16	47	100
	Cost of Production of Recycled Materials	21	26	53	100
Strategic - regulatory	Political-Strategic Vision	74	21	5	100
	Specific Legislation & Regulations	63	16	21	100
	Incentives for CE	90	5	5	100
	Stakeholder Collaboration & Coordination	79	5	16	100

Table S3: Factor importance results from Round 2

Dimension	Factor	Min.	Max.	Median	Average Range	Abs. Deviation	IQR	Consensus
Socio-environmental	Short-Term Interest	3	5	4	2.27	0.38	0.0	Yes
	Population Density & Urbanization	2	5	4	1.31	1.07	2.0	No
	Risks & Natural Disasters	1	5	4	2.19	0.76	1.0	Yes
Financial	Capital Investment Budget	2	5	5	3.27	0.61	1.0	Yes
	Expected Return on Investment	4	5	5	3,58	0.30	1.0	Yes
	Willingness to Pay for Recycled Materials	3	5	5	1.69	0.76	2.0	No
	Political-Strategic Vision	4	5	5	3.69	0.23	0.0	Yes

Table S4: Factor influence results for Round 2

Dimension	Factor	[1: Enables +]	[2: Does not contribute]	[3: Inhibits -]	Total (%)
Socio-environmental	Short-Term Interest	46	0	54	100
	Population Density & Urbanization	62	15	23	100
	Risks & Natural Disasters	46	15	38	100
Financial	Capital Investment Budget	54	0	46	100
	Expected Return on Investment	46	0	54	100
	Willingness to Pay for Recycled Materials	46	23	31	100