

APPENDIX

Table A1. TAM and TPB Scale characteristics

Scale	<i>No. of items</i>	α	<i>M</i>	<i>SD</i>	
T0	Recycling intention	4	.89	6.28	0.87
	Recycling self-efficacy	3	.67	5.68	0.90
	Recycling knowledge (amount of correct answers)	7	-	4.87	1.17
T1	Application use Perceived Usefulness (PU)	3	.81	5.82	0.99
	Application use Perceived Ease of Use (PEOU)	4	.92	6.30	0.92
	Application use subjective norms (injunctive norm)	1	-	5.20	1.47
	Application use self-efficacy	4	.77	6.27	0.67
	Application use attitude	4	.92	5.56	1.10
	Application use intention	3	.91	4.73	1.28
	Recycling behavior	4	.87	5.41	1.27
	Recycling intention	4	.91	6.20	0.85
	Recycling self-efficacy	3	.79	5.71	1.02
	Recycling knowledge (amount of correct answers)	7	-	5.25	1.19
T2	Recycling intention	4	.86	6.29	0.81
	Recycling self-efficacy	3	.83	5.41	1.21
	Recycling knowledge (amount of correct answers)	7	-	5.34	1.14

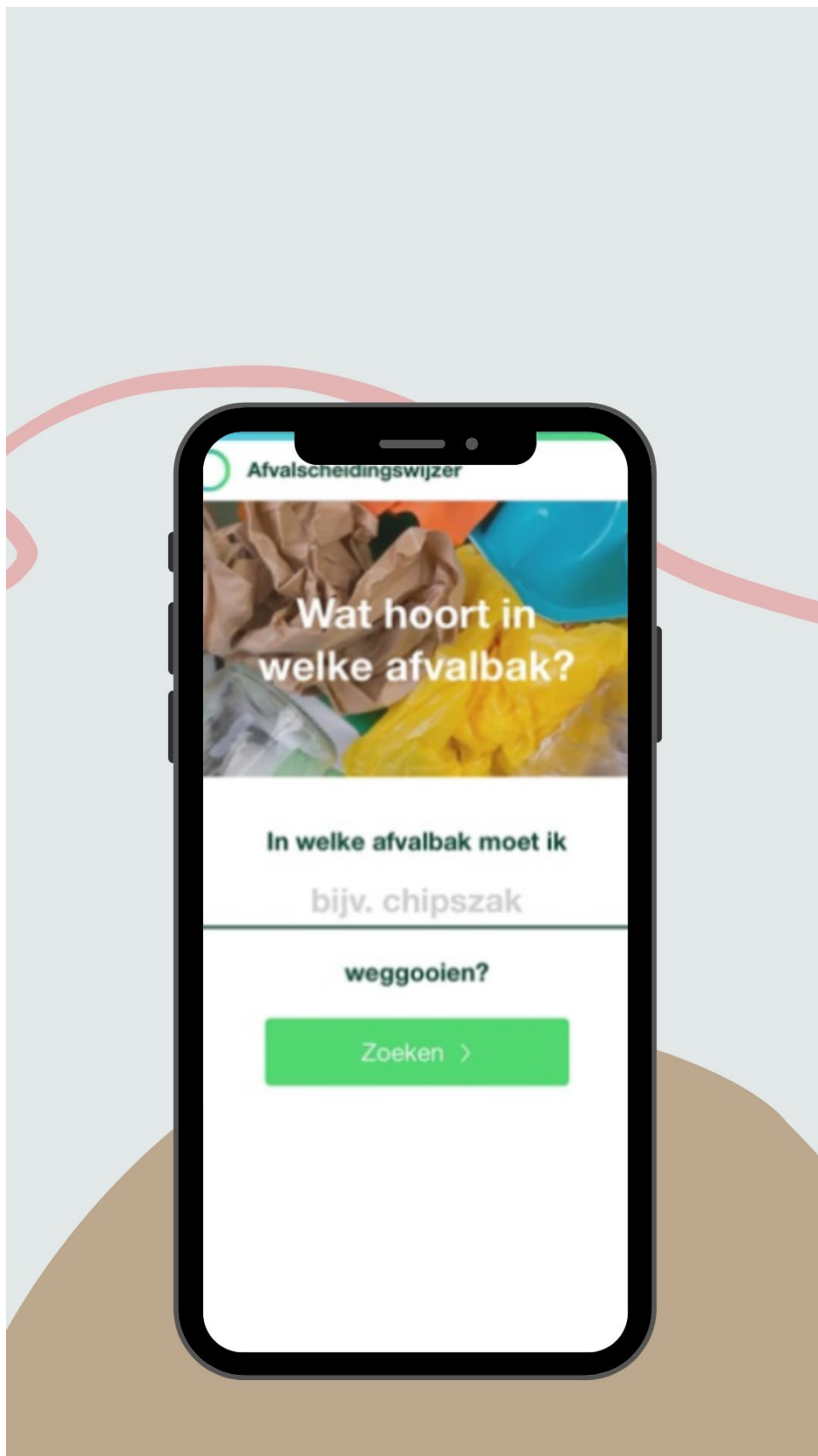


Figure A2. Screenshot Homepage Milieu Centraal Recycling App



Figure A3. Screenshot Recycling Advice in Milieu Centraal Recycling App

Additional participant characteristics

In addition, participants were asked about the collection of the most common types of waste. For each waste category, participants were asked to indicate if these were collected through ‘front of house waste collection’, ‘waste collection points’, or ‘other’. Multiple answers were possible. Results are shown in Figure A4.

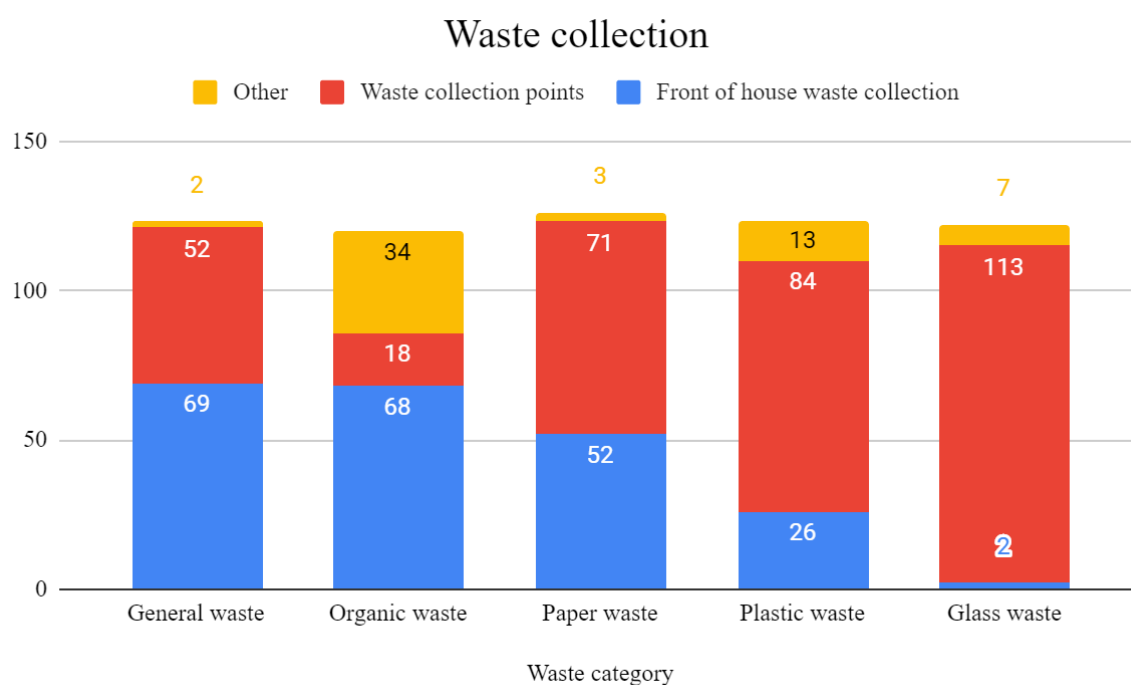


Figure A4. Waste collection per waste category