

# Development of GreenDealz: A public engagement toolkit addressing critical raw materials and the EU Green Deal at informal education settings

## Responses to Editor Minor Comments March 31<sup>st</sup> 2026

Many thanks to the editor for their review of our revised manuscript and for providing minor comments ahead of publication. We have copied, pasted and arranged all comments in the tables below. Each comment has a response and indication of changes made in the revised manuscript. We include a comment and response # column for additional ease of reference within the tables where necessary. Cited manuscript line numbers refer to the revised manuscript PDF **without tracked changes**.

Please note, after adding additional text via the edits below, some tables or figures have been re-positioned in the text to avoid being split across a page or to avoid white space.

#	Editor	Authors response and changes made
	<b>Minor revisions</b>	
1	All headings after 3.1 should be renumbered. For example, the section heading jumps from “3.1” to “3.4.1” (line 177), while it should be “3.1.1”? Please do the same for the remaining headings (eg. lines 238, 272...).	Thank you for flagging this. These changes have now been made.
2	Line 225-226: no need to capitalize the names of the elements. Please rectify this in the rest of the manuscript.	Thank you, this change has been made throughout the manuscript.
3	Your comparison between knowledge gained by individuals versus groups was very interesting. You did not include this information in the Methods, however, nor that participants worked either in groups or alone, until lines 355 and then 495. Please include a mention of this in section 2.3. Participation and recruitment (from line 130). It would be good to clarify if, when you refer to “participants” and give a certain N-value, you are referring to a group who may have given a single group answer or if a group worked together but each individual participant answered independently. Also to clarify the methods, eg. if you tagged participant IDs as a member of a group or individual (and if groups formed during the activity or arrived as groups of acquaintances?) (lines 144-	<p>Thank you for flagging this. We have edited the text to make clearer how we engaged with groups and how their answers were recorded.</p> <p>See section 2.3 lines 145-149</p> <p>See section 3.2.1 lines 345-347 and lines 353-355.</p> <p>See section 3.3.1 lines 447-448 and lines 450-454.</p> <p>We hope these changes provide clarity on this aspect of the work and address your concerns as editor.</p> <p>However, please also note that the comparison of groups vs. individuals does not relate to the evaluation of knowledge gained. It is linked to the level of interaction</p>

	146).	with GreenDealz material as measured through the 'shopping score'. We have attempted to make this clearer again by including clearer phrasing (lines 315-316).
	<b>Technical comments</b>	
<b>4</b>	Please check the format of your headings. For example, line 130: the final period from: "2.3. Participation" should be removed. It should be "2.3 Participation". This is done correctly in all the section headings prior, but not for the headings from this point onwards. Please make consistent throughout manuscript.	Thank you, this change has been made.
<b>5</b>	Line 124-125: missing article, "the creation", in: "Expert geoscientists were also consulted in creation of..."	Thank you, this change has been made.
<b>6</b>	Line 131-132: Please add the word "sampling" in: "Convenience and snowballing were the primary methods used".	Thank you, this change has been made.
<b>7</b>	Line 109-110: please keep the verb-tense (past tense) consistent: "we use existing festivals..."	Thank you, this change has been made.
<b>8</b>	Line 140-141: The parameters constrained the availability, not the need of participants. Consider rewording to "participants available per phase" in: "the above parameters significantly constrained the number of participants needed per phase..."	Thank you, this change has been made.
<b>10</b>	Line 144: consider adding reference to Fig. 1 at the end of this sentence.	Thank you, this change has been made.
<b>11</b>	Line 149: remove comma before verb, in: "...agricultural), allows..."	Thank you, this change has been made.
<b>12</b>	Line 220: please define "solar PV" as solar photovoltaic.	Thank you, this change has been made.
<b>13</b>	Line 230: please change "wind" to "wind energy".	Thank you, this change has been made.
<b>14</b>	Line 264: remove second "any" in: "without any clear any sub-themes".	Thank you, this change has been made.
<b>15</b>	Line 281: add article "the" in: "how to continue PE toolkit development".	Thank you, this change has been made.
<b>16</b>	Line 285: consider "evaluation phase" or "PE evaluation" to rephrase the line: "and the evaluation was iterated to be shorter..."	Thank you, this sentence has been re-phrased for clarity as suggested. It now states "the toolkit evaluation method was iterated". We have not used the word "phase" so as not to confuse with the iteration phases themselves and we have not used "PE evaluation" as we feel this is may not be specific enough. We hope you find this change satisfactory (lines 286-287).

17	Line 333: consider arranging the references in chronological order	Thank you, this change has been made.
18	Line 409: Should you perhaps refer to Fig. A3 in this sentence, as it shows what the objects are (eg. aluminium ore, battery, etc).	Thank you, this change has been made.
19	Line 444: correct spelling of intervention in: "invention groups".	Thank you, this change has been made.
20	Line 451: please italicise the "t" in t-test.	Thank you, this change has been made.
21	Line 515: Please remove the semicolon in: "festivals; to test how..."	Thank you, this change has been made.
22	Line 582: Please remove comma in: "(budget-dependent), might include".	Thank you, this change has been made.
23	Line 651-652: consider adding the words "energy systems" to: "both wind and solar need...".	Thank you, this change has been made.
24	Given that you mention "festival-linked time limitations and observed disruption of engagement flow" (line 382), it may be interesting to add a line or two with your assessment of why you consider festivals as a recommended setting for informal education despite this observation (e.g. in the Discussion section, lines 515-520).	Thank you, this change has been addressed with the inclusion of a new sentence linking back to why festival environments were chosen (lines 525-526). We hope you find this change to be satisfactory.
	<b>Tables</b>	
25	Table 1: Please make text left-indented.	Thank you, this change has been made.
26	Table 2: First column, remove extra space in: "Preferred learning methods".	Thank you, this change has been made.
27	Table 2: Please consider adding sample size (N = 32) to: "Response rate 69%". (same for Table 3).	Thank you, this change has been made.
28	Table 2: Please define "Anchor answers". As I understood, anchor answers are examples of answers provided by participants?	Thank you, this change has been made. The caption now includes an explanation of anchor answers. Yes, these are simply example answers from participants within a given sub-theme.
29	Table 4: please use lowercase for words in the table, as you have in the other tables.	Thank you, this change has been made.
	<b>Figures</b>	
30	Figure 1: Caption could be rephrased to differentiate Figures 1 from 2. Figure 1 presents the settings and specifications of the festivals. Figure 2. Describes, indeed, the iteration process.	Thank you, this change has been made.
31	I would separate the first references to Figs 1 and 2 in the first mention (Lines 108-109), for example: "Our process of iterative phases (Fig. 1; Fig. 2) highlights the systematic approach to developing a PE toolkit for the festival setting (Fig 1), in which each	Thank you, this change has been made.

	iteration across the three phases, builds on the previous one until a final PE toolkit is developed (Fig 2).”	
<b>32</b>	Fig 1: Include what % of N=39 is in Control vs Intervention group.	Thank you, this change has been made by inclusion of N for each group.
<b>33</b>	Figure 5: please define “EA” in the caption.	Thank you, this change has been made.
<b>34</b>	Figures A1 and A4: please define “CRM”.	Thank you, this change has been made.
<b>35</b>	Figure A2: please add space between number and unit in: “3cm3”.	Thank you, this change has been made.