Corrigendum

Corrigendum to “Transportation in a 100% renewable energy system” [Energy Conversion and Management 158 (2018) 266–285]

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The authors regret that in page 274 of the pdf file (Section 3.5) it appears the following text. The equation should be modified adding the red expression in it; the numbers in red in the text should replace the numbers that appear in the current pdf.

“then estimated from the following expression:

$$c_{p2} = p \frac{\sum_{i=1}^4 n_i t_{ai}}{8760f}$$

where f is the occupation fraction of the charging posts, here assumed to be 0.5, 8760 is the number of hours in one year, p is the mean price of

a single charging station, and t_{ai} is calculated using the previous equation. The price p is uncertain given that high-power charging stations are not yet common in the market, but here we assume that it is equal to that of the Modo-4 Raption Trio model of Wallbox [146], 37,200 USD. The result is $c_{p2} = 1.59 \times 10^{12}$ USD, and the cost of the totality of posts: $c_p = c_{p1} + c_{p2} = 1.64 \times 10^{12}$ USD.

Using the world mean energy intensity of the sector, the energy embodied in that fixed capital would be $e_p = 5.6 \times 10^{18}$ J.”

The authors would like to apologise for any inconvenience caused.

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