

## CORRECTION

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## Correction: Carbon footprint of oil produced through enhanced oil recovery using carbon dioxide directly captured from air

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Correction for 'Carbon footprint of oil produced through enhanced oil recovery using carbon dioxide directly captured from air' by Antonio Gasós *et al.*, *Energy Environ. Sci.*, 2025, <https://doi.org/10.1039/d5ee01752a>.

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In section 2.3 of the manuscript, immediately following eqn (5), the text contained an error in the following paragraph.

'Here,  $\rho_j$  and  $\rho_{\text{CO}_2}$  are the densities of phase  $j$  and of  $\text{CO}_2$  at relevant temperature and pressure levels, respectively, while  $M_j$  and  $M_{\text{CO}_2}$  are their molar masses, in mass per mole of carbon. We use  $M_o = 14 \text{ g mol}^{-1}$  (for  $\text{CH}_2$ , the building block of oil),  $M_g = 16 \text{ g mol}^{-1}$  (methane), and  $M_w = 0 \text{ g mol}^{-1}$  (water, being carbon-free).'

This should instead read as follows.

'Here,  $\rho_j$  and  $\rho_{\text{CO}_2}$  are the densities of phase  $j$  and of  $\text{CO}_2$  at relevant temperature and pressure levels, respectively, while  $M_j$  are the molar masses, in mass of  $j$  per mole of carbon contained in  $j$ . We use  $M_o = 14 \text{ g mol}^{-1}$  (for  $\text{CH}_2$ , the building block of oil),  $M_g = 16 \text{ g mol}^{-1}$  (methane), and  $M_w = \infty \text{ g mol}^{-1}$  (water, being carbon-free).'

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

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