

Corrigendum to "Defining water-related energy for global comparison, clearer communication, and sharper policy"[J. Clean. Prod. 236 (2019) 17502] (Journal of Cleaner Production (2019) 236, (\$0959652619323108), (10.1016/j.jclepro.2019.06.333))

Kenway, Steven J.; Lam, Ka Leung; Stokes-Draut, Jennifer; Sanders, Kelly Twomey; Binks, Amanda N.; Bors, Julijana; Head, Brian; Olsson, Gustaf; McMahon, James E.

10.1016/j.jclepro.2021.130140

Publication date

Document Version Final published version

Published in Journal of Cleaner Production

Citation (APA)

Kenway, S. J., Lam, K. L., Stokes-Draut, J., Sanders, K. T., Binks, A. N., Bors, J., Head, B., Olsson, G., & McMahon, J. E. (2022). Corrigendum to "Defining water-related energy for global comparison, clearer communication, and sharper policy" [J. Clean. Prod. 236 (2019) 17502] (Journal of Cleaner Production (2019) 236, (S0959652619323108), (10.1016/j.jclepro.2019.06.333)). *Journal of Cleaner Production*, 335, Article 130140. https://doi.org/10.1016/j.jclepro.2021.130140

To cite this publication, please use the final published version (if applicable). Please check the document version above.

Other than for strictly personal use, it is not permitted to download, forward or distribute the text or part of it, without the consent of the author(s) and/or copyright holder(s), unless the work is under an open content license such as Creative Commons.

Please contact us and provide details if you believe this document breaches copyrights. We will remove access to the work immediately and investigate your claim.

Green Open Access added to TU Delft Institutional Repository 'You share, we take care!' - Taverne project

https://www.openaccess.nl/en/you-share-we-take-care

Otherwise as indicated in the copyright section: the publisher is the copyright holder of this work and the author uses the Dutch legislation to make this work public.

FISEVIER

Contents lists available at ScienceDirect

Journal of Cleaner Production

journal homepage: www.elsevier.com/locate/jclepro





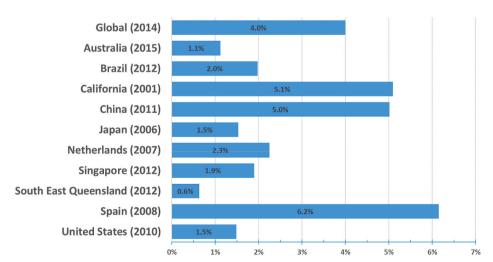
Corrigendum to "Defining water-related energy for global comparison, clearer communication, and sharper policy" [J. Clean. Prod. 236 (2019) 17502]

Steven J. Kenway^{a,*}, Ka Leung Lam^{a,b}, Jennifer Stokes-Draut^c, Kelly Twomey Sanders^d, Amanda N. Binks^a, Julijana Bors^a, Brian Head^e, Gustaf Olsson^f, James E. McMahon^g

The authors would like to correct the value of water-related electricity consumption at utility as a percentage of total electricity consumption for Australia (2015). The correct value is 1.1% in Figure 2, and Table S1-2 and Figure S1-2 (Supplementary Information 1 of Appendix B). Associated with this error, the water-related electricity consumption at utility for Australia (2015) should be 10.2 PJ in Table S1-2. The

authors would like to apologise for any inconvenience caused. There are no changes to conclusions or other sections of the paper.

Please find below amended Figure 2, and Table S1-2 and Figure S1-2 (Supplementary Information 1)



Water-related electricity consumption by utilities as a percentage of total electricity consumption across each country or region

E-mail address: s.kenway@uq.edu.au (S.J. Kenway).

^a School of Chemical Engineering, The University of Queensland, St Lucia, Queensland, 4072, Australia

b Department of Water Management, Delft University of Technology, Stevinweg 1, 2628, CN, Delft, the Netherlands

^c Department of Civil and Environmental Engineering and ReNUWIt Engineering Research Center, University of California, Berkeley, Berkeley, CA, 94720, USA

d Sonny Astani Department of Civil and Environmental Engineering, University of Southern California, 3620, S. Vermont Avenue, Los Angeles, CA, 90089-2531, USA

^e School of Political Science, The University of Queensland, St Lucia, Queensland, 4072, Australia

^f Lund University, 22100, Lund, Sweden

^g Better Climate Research and Policy Analysis, 138 Brookfield Drive, Moraga, CA, 94556, USA

DOI of original article: https://doi.org/10.1016/j.jclepro.2019.06.333.

^{*} Corresponding author.

Table S1
2 – Utility electricity consumption as a percentage of total regional electricity consumption

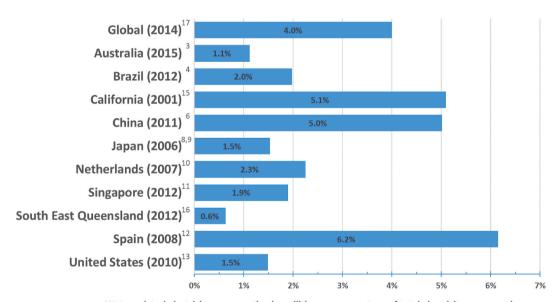
Region of Study (Reference Year)	Total electricity consumption by region $(PJ)^A$	Water-related electricity consumption at utility (PJ)	Water-related electricity as a percentage of total electricity consumption by region	References
Australia (2015)	908.5	10.2	1.12%	[3]
Brazil (2012)	1,702.9	33.7	1.98%	[4]
China (2011)	13,908.4	432.3	5.01%	[6]
Global (2014)	_	3952.0	4.00%	[17]
Japan (2006)	3,531.7	54.1	1.53%	[8, 9]
Netherlands (2007)	384.8	8.7	2.25%	[10]
Singapore (2012)	159.5	3.0	1.90%	[11]
Spain (2008)	955.5	58.8	6.15%	[12]
United States (2010)	13,690.2	203.3	1.49%	[18]
California (2001)	901.8	45.9	5.09%	[19]
South East Queensland (2012)	216.7	1.4	0.63%	[16]

Fig. 2 (amended). Electricity consumption by utilities as a percentage of total electricity consumption across countries and regions. (See Table S1-1 and Table S1-3 in the Supplementary Information 1 for references).

Supplementary Information 1.

^A Based on total final consumption data from the International Energy Agency, if the referenced study/dataset does not provide.

Figure S1-2 Utility electricity consumption as a percentage of total electricity consumption across each country or region.



Water-related electricity consumption by utilities as a percentage of total electricity consumption across each country or region