

# The Lean Green Tooth-Fixing Machine - a Roadmap to Sustainable Dentistry



## Resources

If you would like a personal handover to Toby at Zerobeas Carbon Platform or Charles at Veraco regarding the wipe dispensers please get in touch with me at [karl@smilesintandem.com](mailto:karl@smilesintandem.com)

Denplan Carbon Calculator - [www.denplan.co.uk/dentists/training/green-dentistry](http://www.denplan.co.uk/dentists/training/green-dentistry)

Dentaqua - <https://dentaqua.com/>

Ecologi - <https://ecologi.com/>

FDI World Dental Federation Sustainability Toolkit - [www.fdiworlddental.org/sustainability-dentistry](http://www.fdiworlddental.org/sustainability-dentistry)

Smiles in Tandem - [smilesintandem.com](http://smilesintandem.com)

Veraco Hyge wipe dispenser - <https://hyge.co.uk/>

Zerobeas Carbon Platform - [zerobeas.com](http://zerobeas.com)

## Reference List

The Carbon Almanac: It's Not Too Late. Penguin Publishing. 2022 - Available at: <https://amzn.to/4dp2Fxz> (paid link)

Duane, B. Sustainable Dentistry: Making a Difference. *British Dental Journal Clinicians Guides*. 2022. <https://doi.org/10.1007/978-3-031-07999-3> - Available at: <https://amzn.to/3FeUlny> (paid link)

Duane, B., M. Berners Lee, S. White, R. Stancliffe, and I. Steinbach. 'An Estimated Carbon Footprint of NHS Primary Dental Care within England. How Can Dentistry Be More Environmentally Sustainable?' *British Dental Journal* 223, no. 8 (October 2017): 589–93. <https://doi.org/10.1038/sj.bdj.2017.839>.

Duane, Brett, Sara Harford, Darshini Ramasubbu, Rachel Stancliffe, Eleni Pasdeki-Clewer, Richard Lomax, and Inge Steinbach. 'Environmentally Sustainable Dentistry: A Brief Introduction to Sustainable Concepts within the Dental Practice'. *British Dental Journal* 226, no. 4 (February 2019): 292–95. <https://doi.org/10.1038/s41415-019-0010-7>.

Ecologi Carbon Reduction Plan advice - <https://ecologi.com/solutions/reduce>

Emissions Database for Global Atmospheric Research - <https://edgar.jrc.ec.europa.eu/>

Hashemizadeh, Ali, Alexandra Lyne, and Meg Liddicott. 'Reducing Single-Use Plastics in Dental Practice: A Quality Improvement Project'. *British Dental Journal* 237, no. 6 (27 September 2024): 483–86. <https://doi.org/10.1038/s41415-024-7836-3>.

Intergovernmental Panel on Climate Change - <https://www.ipcc.ch/>

Maloney, B., T. McKerlie, M. Nasir, C. Murphy, M. Moi, P. Mudalige, N.E. Naser, and B. Duane. 'The Environmental Footprint of Single-Use versus Reusable Cloths for Clinical Surface Decontamination: A Life Cycle Approach'. *Journal of Hospital Infection* 130 (December 2022): 7–19. <https://doi.org/10.1016/j.jhin.2022.09.006>.

[worldometers.info](http://worldometers.info)

For further references and resources, visit [walkerfinch.com](http://walkerfinch.com)

Note regarding paid links: As an Amazon Associate, I earn from qualifying purchases