Anne Van Den Oever
Scientific employee
Electrical Engineering and Power Electronics
MOBI - Electromobility research centre
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Employment

Scientific employee
Electrical Engineering and Power Electronics
Vrije Universiteit Brussel
Brussels, Belgium
12 Mar 2024 → 14 Jun 2024

MOBI - Electromobility research centre
Vrije Universiteit Brussel
Brussels, Belgium
4 May 2020 → present

PhD, Faculty of Engineering
Vrije Universiteit Brussel
Brussels, Belgium
4 Feb 2020 → present

Research outputs

Prospective life cycle assessment of alternatively fueled heavy-duty trucks
Van Den Oever, A., Costa, D. & Messagie, M., 15 Apr 2023, In: Applied Energy. 336, 12 p., 120834.

Assessment of the Climate Change and Metal Depletion Impacts of a Cobalt Fischer–Tropsch Catalyst with Prospective Life Cycle Assessment
van den Oever, A. E. M., Mesquita Bordalo Costa, D., Messagie, M., Caetano, N. S. (ed.) & Felgueiras, M. C. (ed.), 2023, *The 9th International Conference on Energy and Environment Research: Greening Energy to Shape a Sustainable Future.* Caetano, N. & Carlos Felgueiras, M. (eds.). Springer Cham, p. 125-133 9 p. (Environmental Science and Engineering).

Prospective Life Cycle Assessment of REDIFUEL, an Emerging Renewable Drop-in Fuel
van den Oever, A. E. M., Mesquita Bordalo Costa, D., Messagie, M., Caetano, N. S. (ed.) & Felgueiras, M. C. (ed.), 2023, *The 9th International Conference on Energy and Environmental Research: Greening Energy to Shape a Sustainable Future.* Caetano, N. & Carlos Felgueiras, M. (eds.). Springer Cham, p. 103-112 10 p. (Environmental Science and Engineering).

Systematic review on the energy conversion efficiency of biomass-based Fischer-Tropsch plants
Van Den Oever, A., Mesquita Bordalo Da Costa, D., Messagie, M. & Cardellini, G., 15 Sep 2022, In: Fuel. 324, 124478.

Prospective Life Cycle Assessment of a Cobalt Fischer-Tropsch Catalyst
Van Den Oever, A., Messagie, M. & Mesquita Bordalo Da Costa, D., 2022, (Unpublished).

Lessons learned from a review on the energy efficiency of Fischer-Tropsch fuels
Van Den Oever, A., Messagie, M., Cardellini, G. & Mesquita Bordalo Da Costa, D., 6 Dec 2021, (Unpublished).

Life cycle environmental impacts of compressed biogas production through anaerobic digestion of manure and municipal organic waste
Van Den Oever, A., Cardellini, G., Messagie, M. & Sels, B., 15 Jul 2021, In: Journal of Cleaner Production. 306, 127156.

Application of ex-ante LCA strategies to construct an LCI of REDIFUEL, a novel biofuel
Van Den Oever, A., Mesquita Bordalo Da Costa, D. & Messagie, M., 3 May 2021, (Unpublished).

A review on biofuels for light-duty vehicles in Europe
Puricelli, S., Cardellini, G., casadei, faedo, Van Den Oever, A. & grosso, Mar 2021, In: Renewable and Sustainable Energy Reviews. 137, 2021, 19 p., 110398.

Activities

Red de planeet met wat je eet
Anne Van Den Oever (Speaker)
20 Sep 2022

Red de planeet met wat je eet
Anne Van Den Oever (Speaker)
3 May 2022

Prospective LCA network (External organisation)
Anne Van Den Oever (Chair)
2022 → …

Prizes

Best oral presentation award - Session 3B
Van Den Oever, Anne (Recipient), 2022

Best paper award - Environment
Van Den Oever, Anne (Recipient), Mesquita Bordalo Da Costa, Daniele (Recipient) & Messagie, Maarten (Recipient), 2022

Best Young Biomass Researchers Award World Sustainable Energy Days 2021
Van Den Oever, Anne (Recipient), Jun 2021

Projects

EU574: REDIFUEL: Robust and Efficient processes and technologies for Drop In renewable FUELs for road transport.
Coosemans, T., Messagie, M., Van Mierlo, J., Van Den Oever, A., Arapoglou, S. & Vranckx, A.
European Commission
1/10/18 → 31/01/22