

LOÏC DE WEERDT

- **PhD in environmental economics**
- **policy-oriented research**
- **environment and development**

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EXPERIENCE

Researcher | Andlinger Center for Energy and the Environment – Princeton University **Sept. 2021 – present**
○ Rapid Switch Project

Researcher | Faculty of Business and Economics – University of Antwerp **Sep. 2017 – Sep. 2021**
○ Policy-oriented research on plastics in a circular economy
○ Member of the Flemish Circular Economy Policy Support Centre
○ Lecturer at the Catholic University of Leuven

ACADEMIC QUALIFICATIONS

PhD | Faculty of Business and Economics – University of Antwerp **Sep. 2017 – July 2021**
○ Thesis: An Inquiry into the Market Acceptance of Circular Plastics
○ Funded by the Circular Economy Policy Research Centre

MSc Economic Policy | Faculty of Applied Economics – University of Antwerp **Oct. 2016 – Sept. 2017**
○ Thesis: ‘Alternatives for GDP as a Welfare Indicator: a Case Study’

BSc Economic Policy | Faculty of Applied Economics – University of Antwerp **Oct. 2013 – June 2016**
○ Thesis: ‘An Inquiry into the Working of the European Emissions Trading System’

BSc of Laws | Faculty of Law – University of Antwerp **Feb. 2016 – June 2020**
○ Thesis: ‘The European Citizens’ Initiative to enable a Circular Economy’

INTERNATIONAL RESEARCH AND COLLABORATIONS

Policy Support Research | Cotonou and Parakou, Benin **Jan. 2021 – Mar. 2021**

Lisbon School of Economics & Management | Lisbon, Portugal **Mar. 2020 – Aug. 2020**

Norwegian University for Science and Technology (NTNU) | Trondheim, Norway **Aug. 2019 – Nov. 2019**
○ Externally funded by the Research Foundation Flanders

Iwate University | Morioka, Japan **Mar. 2019**
○ Externally funded by the Research Foundation Flanders

AUTHORSHIP

Publications

Sasao, T., De Jaeger, S., De Weerd, L. (2021). Does weight-based pricing for municipal waste collection contribute to waste reduction? A dynamic panel analysis in Flanders. *Waste Management*, 128, 132-141.

De Weerd, L., Sasao, T., Compernelle, T., Van Passel, S., & De Jaeger, S. (2020). The effect of waste incineration taxation on industrial plastic waste generation: A panel analysis. *Resources, Conservation and Recycling*, 157.

This **article** was **selected** to be mentioned as "**the editor's choice**".

Working papers

De Weerd, L., & De Jaeger, S. (2021). The Effectiveness of Incineration Taxes in an Industrial Waste Management Context.

De Weerd, L., Hagspiel, V., Compernelle, T., Kort, P., Oliveira, C. (2020). Investment in a circular economy under the presence of policy uncertainty.

De Weerd, L., Compernelle, T., De Jaeger, S., & Van Passel, S. (2018). Analyzing the Decision to Invest in Recycling: the Role of Demand Uncertainty and the Rebound Effect, *SDEWES*, Palermo.

Jacobs, M., Vanderreydt, I., De Weerd, L., & Alaerts, L. (2018). Exploration of the plastic recycling landscape in Flanders, Vlaanderen Circulair.

Newsletters

De Weerd, L., Sasao, T., Compernelle, T., Van Passel, S., & De Jaeger, S. (2020). Hogere heffing op afvalverbranding zorgt voor minder industrieel kunststofafval. *Nieuwbrief Milieu en Economie*.
http://www.nieuwsbriefmilieueconomie.nl/index.php?option=com_content&view=article&id=790:hogere-heffing-op-afvalverbranding-zorgt-voor-minder-industrieel-kunststofafval&catid=36&Itemid=130

Translation of title: 'Higher taxes on waste incineration - lower industrial plastic waste generation'.

Reviewer for the following journals

Resources Conservation and Recycling

Waste Management