

Key Drivers for Unsustainable Resource Use

Categories, Effects and Policy Pointers

Publication

[Article](#)

Citation

Hirschnitz-Garbers, Martin; Adrian Tan; Albrecht Gradmann and Tanja Srebotnjak 2015: âKey drivers for unsustainable resource use â categories, effects and policy pointersâ. Journal of Cleaner Production.

Prevailing resource use patterns of the global socio-industrial metabolism are unsustainable. For effective resource policies, drivers for such unsustainable resource use and their effects need to be better understood and mapped. In the context of the FP7 research project DYNAMIX, Dr. Martin Hirschnitz-Garbers and co-authors identified by means of meta-analysis a set of ten driver categories that affect unsustainable resource use.

Those are inter alia prevailing consumption and production patterns, use and design of infrastructure and technology, underlying paradigms and world views, resource prices and the level of knowledge and information of resource users. In relation to such a multi-dimensional network of drivers causing unsustainable resource use, resource policy should combine policy objectives and instruments into policy mixes to target key drivers and their interrelations.

Language

English

Authorship

Dr. Martin Hirschnitz-Garbers
[Albrecht Gradmann](#)
[Assoc. Prof. Tanja Srebotnjak, PhD](#)
Adrian R. Tan

Published in

Journal: [Journal of Cleaner Production](#)

Published by

[Elsevier](#), International

Year

2015

ISSN

0959-6526

DOI

[10.1016/j.jclepro.2015.02.038](https://doi.org/10.1016/j.jclepro.2015.02.038)

Project

[DYNAmic policy MIXes for Absolute Decoupling of Environmental Impact of EU Resource Use from Economic Growth \(DYNAMIX\)](#)

Project ID

[2714](#)

Keywords

[Consumer Policy](#)

[Land Use](#)

[Resource Conservation + Circular Economy](#)

Unsustainable resource use, driver, causal network, consumer behaviour, policy mix
qualitative meta-analysis

Source URL: <https://www.ecologic.eu/11868>