

# Sharing cities and sustainable consumption and production: towards an integrated framework

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## Abstract

Calls for a transformation towards more sustainable consumption and production (SCP) have been intensifying. As urban populations swell across the planet, cities are faced with increasing pressure on infrastructure, economic and ecological systems. Yet, with their high population densities and ubiquity of information and communication technologies, cities are becoming breeding grounds for a new, circular economy driven by emerging and long-standing sharing activities. This research provides a comprehensive view of SCP systems in cities by integrating and examining sharing economy activities in the context of two continuums, i.e. SCP and private/public orientation. Based on these two analytical dimensions, the paper evaluates and plots five groups of 18 sharing activities to create a Sharing Cities-SCP Typology comprised by five ideal types. Each of these five types represents a unique form of SCP activity, with the potential to directly impact SCP systems in the context of urban environments. By enabling diversity and hybridity in the SCP analysis, we allow for a theoretical expansion of SCP models and a new way of understanding how they may play out in cities.

## Keywords

- Sharing cities; Sharing economy; Collaborative economy; Circular economy; Sustainable consumption and production; Maker movement