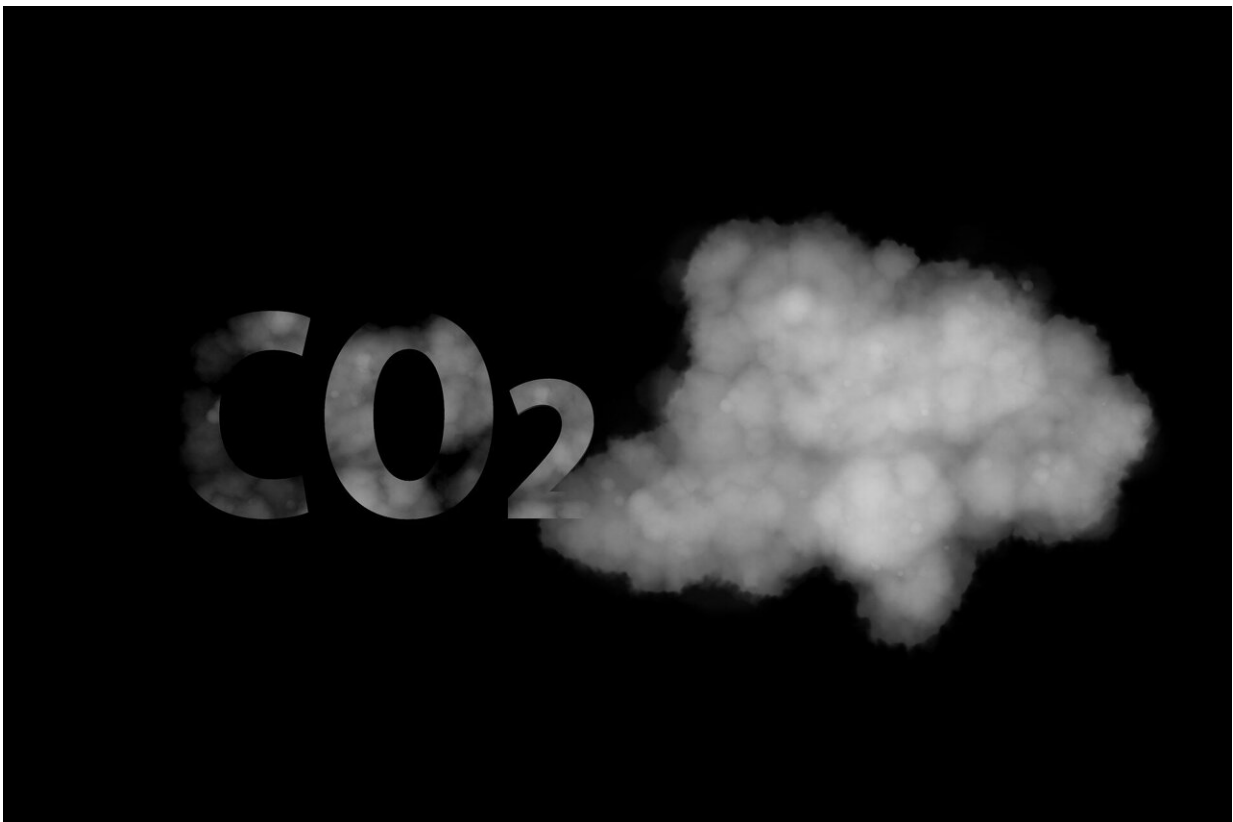


Conceptualizing and studying infrastructure junctions and the power geometries of low-carbon place-making

June 9 2023, by Torik Holmes, Carla De Laurentis and Rebecca Windermer.



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A research article about where, how, when, and for whom low-carbon

places are made. The making of low-carbon places is a critical component of responses to climate change and can help in achieving decarbonization.

The making of low-carbon places is crucial for achieving decarbonization, but where are such places made?

In extending and combining existing research and ideas, the authors take [electricity networks](#) as their starting point to study what they term three 'infrastructure [junctions](#)', which are places where various practices and processes, with material, spatial, and temporal features, collide and combine in ways that shape the power geometries of low-carbon place-making.

The authors find that the junctions reveal the conflictual and consensual dimensions of low-carbon transitions and how these features shape and are shaped by the ordering and management of networked hardware. Some features are shared, such as an overarching faith in large-scale provision and unabated demand, whereas others are more unique and rooted in specific contextual realities.

Such insights support attempts to assess, steer, and accelerate low-carbon place-making as a relational process that is manifest and mediated through infrastructure. The authors conclude that infrastructure junctions offer ripe grounds to examine where, how, when, and for whom low-carbon places are in the making.

The study is published in the *Norsk Geografisk Tidsskrift—Norwegian Journal of Geography*.

More information: Torik Holmes et al, Where are low-carbon places made? Conceptualising and studying infrastructure junctions and the power geometries of low-carbon place-making, *Norsk Geografisk*

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