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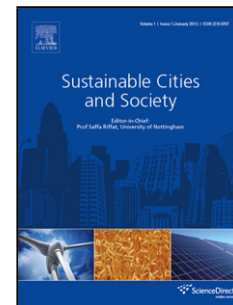
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## Article

# The role of renewable energy policies for carbon neutrality in Helsinki Metropolitan area

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## Highlights

- Approximately 8.3% and 13.3 % renewable share in final heating and electricity consumption in Helsinki Metropolitan area
- Clean and renewable energy production target for energy transition to carbon neutrality
- Policies for integrating renewable energy (waste heat, heat pumps, solar) in the buildings and district heat network
- Several organizational, technological, economic and societal barriers to formulate and implement the renewable energy policies
- The renewable energy policies associated to five different socio-technical regimes
- Innovative policy solutions to overcome the shortcomings and barriers

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