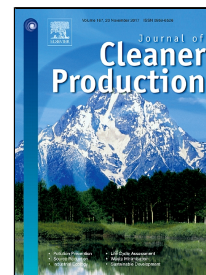


# Accepted Manuscript

Scenario Analysis of Urban GHG Peak and Mitigation Co-benefits: A Case Study of Xiamen City, China



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**Highlights**

- ✧ A LEAP-based urban GHG simulation model for Xiamen City was developed;
- ✧ Both energy-related and non-energy related GHG emissions were considered;
- ✧ The environmental and economic co-benefits of GHG reduction were analyzed;
- ✧ Xiamen City might reach the CO<sub>2</sub> peak later than the national goal;
- ✧ Clean energy supply limitations and continued rapid growth delay Xiamen's GHG peak.

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