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function. We calculate that these could be worth roughly €0.7/kg based on recent ETS prices, although the number of free credits allocated will already begin to be phased down from 2026.

Second, the winning bids from this first aub





# Endnotes

1. See European Commission Hydrogen Bank explainer, undated, [https://energy.ec.europa.eu/topics/energy-systems-integration/hydrogen/european-hydrogen-bank\\_en](https://energy.ec.europa.eu/topics/energy-systems-integration/hydrogen/european-hydrogen-bank_en).
2. See European Commission, 'Supporting clean hydrogen', undated, [https://single-market-economy.ec.europa.eu/industry/strategy/hydrogen\\_en](https://single-market-economy.ec.europa.eu/industry/strategy/hydrogen_en).
3. See Eicke et al (2023) for a discussion of the renewable pull hypothesis.
4. Defined under a RED delegated act. See European Commission press release of 20 June 2023, 'Renewable hydrogen production: new rules formally adopted', [https://energy.ec.europa.eu/news/renewable-hydrogen-production-new-rules-formally-adopted-2023-06-20\\_en](https://energy.ec.europa.eu/news/renewable-hydrogen-production-new-rules-formally-adopted-2023-06-20_en).
5. Funded from EU ETS revenues; see European Commission, 'Innovation Fund: Deploying innovative net-zero technologies for climate neutrality', undated, [https://cinea.ec.europa.eu/programmes/innovation-fund\\_en](https://cinea.ec.europa.eu/programmes/innovation-fund_en).
6. See European Commission press release of 5 April 2024, 'Commission approves €350 million German State aid scheme to support renewable hydrogen production', [https://ec.europa.eu/commission/presscorner/detail/en/ip\\_24\\_657](https://ec.europa.eu/commission/presscorner/detail/en/ip_24_657).
7. Rachel Parkes, 'Austria earmarks €400m to subsidise domestic green hydrogen projects, using EU auctions-as-a-service', Hydrogen Insight, 28 February 2024, <https://www.hydrogeninsight.com/production/austria-earmarks-400m-to-subsidise-domestic-green-hydrogen-projects-using-eu-auctions-as-a-service/2-1-1605020>.

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