

Review of: "A Review of the Risks of Copper Foil Manufacturing Plants. A New Facility in Catalonia, Spain"

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Potential competing interests: No potential competing interests to declare.

Comment:

The article provides an overview of electrolytic copper foil (elecfoil) manufacturing, highlighting its importance in electric battery production and the potential environmental and health risks associated with new manufacturing plants. It also mentions a specific case of a planned elecfoil facility in Mont-roig del Camp, Catalonia, Spain, and the social concerns raised by the local population. The abstract concludes by advocating for strict controls, environmental management systems, and regulations to mitigate negative impacts.

Lackings and Weaknesses:

1. Clarity and Structure

While the abstract covers various aspects of elecfoil manufacturing and its implications, it lacks clear structure and organization. There is a need for better delineation of key points and transitions between different topics to improve readability and coherence.

1. Specificity and Detail

The abstract mentions potential environmental and health risks associated with elecfoil manufacturing but lacks specific details or data to support these claims. Providing quantitative information on the magnitude of these risks or citing relevant studies would enhance the credibility of the abstract.

1. Scope Limitations

The abstract acknowledges a scarcity of available information on elecfoil manufacturing plants, which limits the depth of the review. However, it does not address how this limitation affects the overall findings or implications of the review. Discussing the potential implications of data scarcity on the conclusions drawn would add nuance to the abstract.

1. Case Study Analysis

While the abstract mentions the case of Mont-roig del Camp, Catalonia, Spain, it does not provide any analysis or insights into the specific social concerns raised by the local population. Including a brief discussion of stakeholder perspectives or community engagement efforts would enrich the abstract.

1. Actionable Recommendations

The abstract concludes with a call for strict controls, environmental management systems, and regulations but does not offer specific recommendations or strategies for implementing these measures. Providing actionable suggestions for policymakers, industry stakeholders, or researchers would enhance the practical relevance of the abstract.

Addressing these lacking areas would improve the clarity, depth, and practical relevance of the abstract, enhancing its contribution to the literature on electrofoil manufacturing and its environmental and health implications.