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## The Role of Industrialization in Air Pollution: A Need for Green Innovation Jensen Ajong\*

## Abstract

Industrialization, which has fueled global economic development, has come at a significant environmental cost,
emission of large quantities of pollutants, including particulate matter (PM), sulfur dioxide (SO), nitrogen oxides
(NO), carbon monoxide (CO), and volatile organic c with recommendations for integrating green innovation

Industrialization; Air pollution; Sustainable development; Green innovation; Environmental impact; Industrial emissions; Climate change; Clean technologies; Pollution control; Public health

Since the onset of the Industrial Revolution, industrialization has been a key driver of economic growth and technological advancement worldwide. e mass production of goods, the rise of factories, and the expansion of transportation networks have all played a fundamental role in the development of modern societies. However, the environmental toll of industrialization has been substantial, with air pollution being one of the most pressing challenges [1].

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immediate consequence of industrialization's contribution to air pollution is its e ect on human health. Exposure to industrial pollutants such as particulate matter, sulfur dioxide, and nitrogen oxides is linked to a wide range of health problems, from asthma and bronchitis to more severe conditions like lung cancer, cardiovascular disease, and premature death.

work together to foster green innovation through policy, investment, and collaboration. In doing so, we can pave the way  $\,$ 

## References

Minor mining, major infuence: economic