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## Telecommuting The Future Towards Better Air Quality: A Case Study of India

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# TELECOMMUTING THE FUTURE TOWARDS BETTER AIR QUALITY: A CASE STUDY OF INDIA

## Background

Indians are significantly impacted by bad air quality, lasting effects

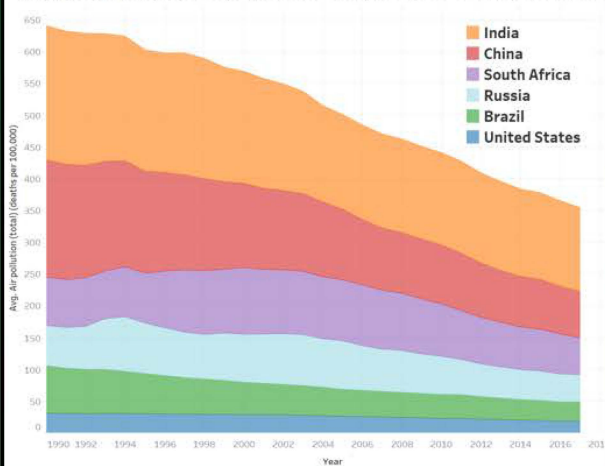
Transition to a service economy



Reverse Migration to the countryside  
 Slowing down India's economic growth

## Significance

Avg. Yearly Deaths Per 100,000 Caused By Air Pollution, BRICS & U.S.



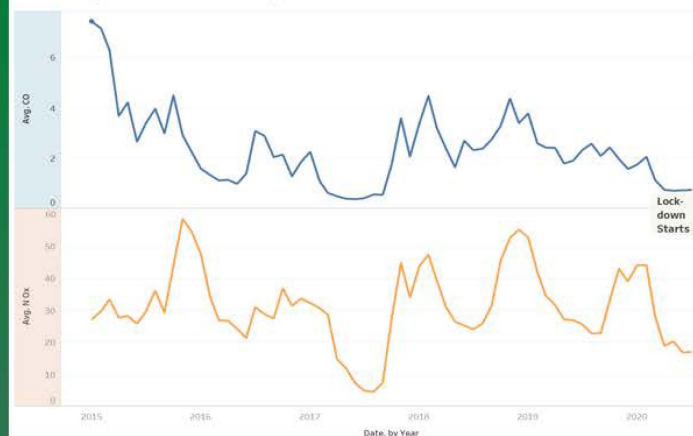
WHO shows that 7 million people are killed every year from air pollution  
 Many deaths are premature and preventable

## Findings

India's Avg. Carbon Monoxide Through the Years



Average CO & Nitrogen Oxide Pollutants Over Time



## Desirability of Adoption



Significant Carbon Monoxide Reduction

Better Work-Life Balance

Easier to leverage after the pandemic



Greater economic equality for women



Overwhelming majority want a remote work option

## Challenges

Hofstede's Power Distance: India vs. U.S.



Workplace culture values control

Infrastructure limitations

Not a substitute for dedicated child-care

Transition disproportionately affects SMBs



## Conclusions



Pandemic pushing change

Leveraging technology

Improving health and safety

Future Research:  
 Air Pollution Migration from Other Countries

## Bibliography & Acknowledgements



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