



# UNEP GLOBAL DIALOGUE 2021

SUSTAINABLE WASTE MANAGEMENT TOWARDS A POLLUTION-FREE PLANET

## Session 1

# The Implication of COVID-19 for the Waste Management Sector

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Links between animal-to-human  
transmission of zoonotic  
diseases and the global spread  
towards pandemics

# OUTLINE

- How do climate change, deforestation, urbanization, and globalization link to pandemics?
- How could waste management link to future pandemics?

How does climate change, deforestation, urbanization, and globalization link to pandemics?

# A Systems Approach: COVID-19

DEBATE

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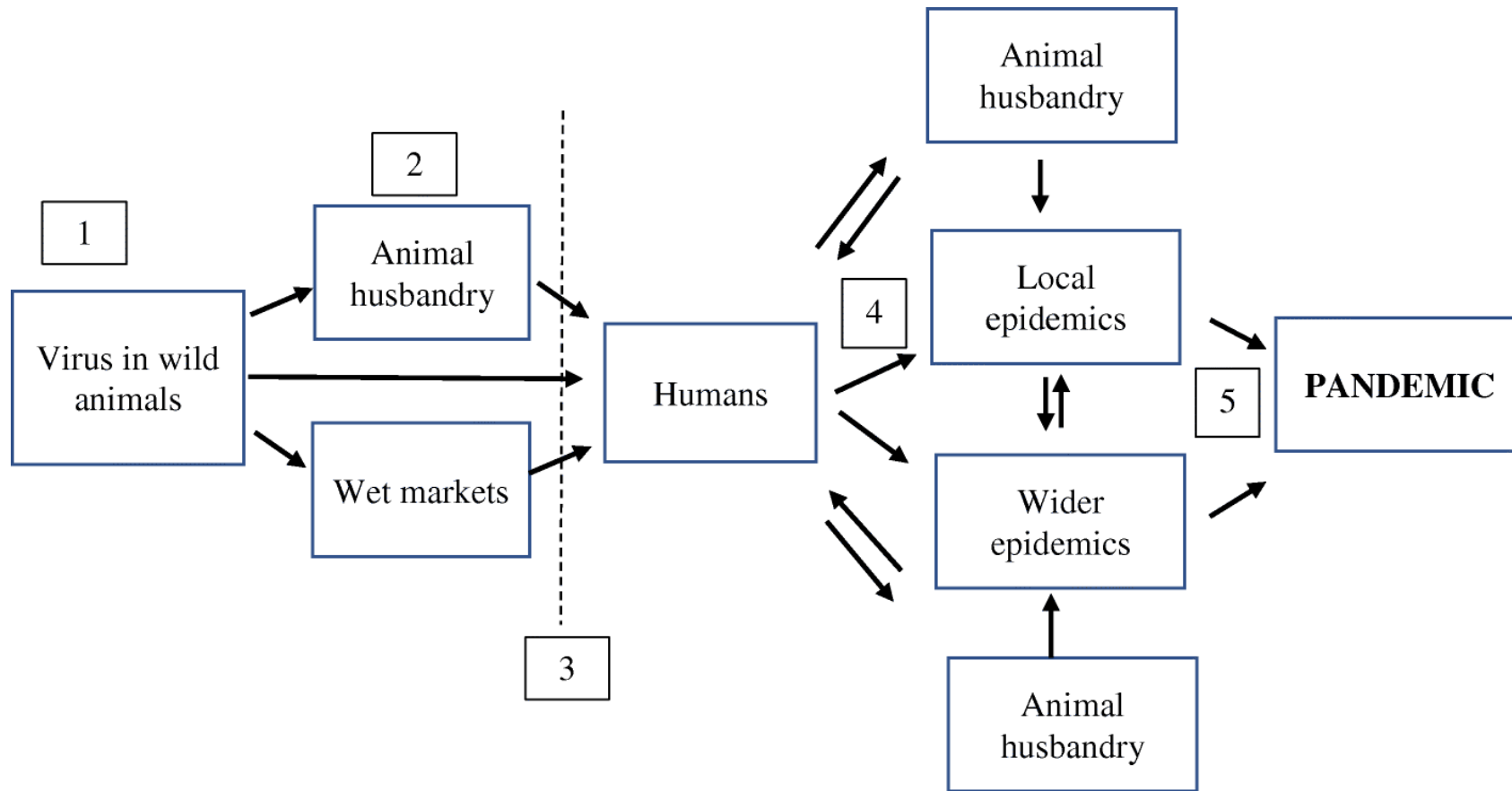
## COVID-19 and future pandemics: a global systems approach and relevance to SDGs

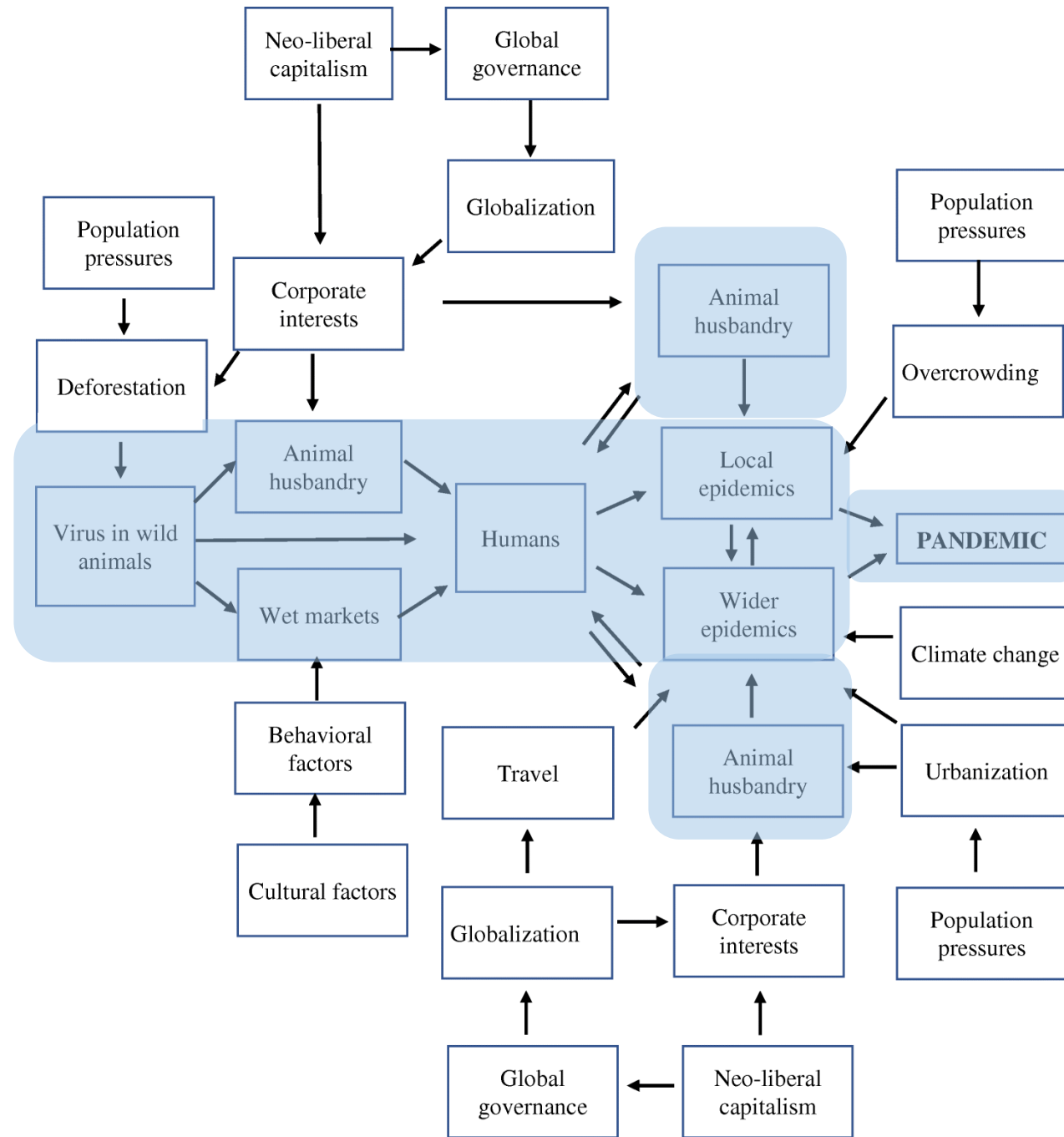


Thoradeniya, T., Jayasinghe, S. COVID-19 and future pandemics: a global systems approach and relevance to SDGs.

*Global Health 2021; 17, 59*

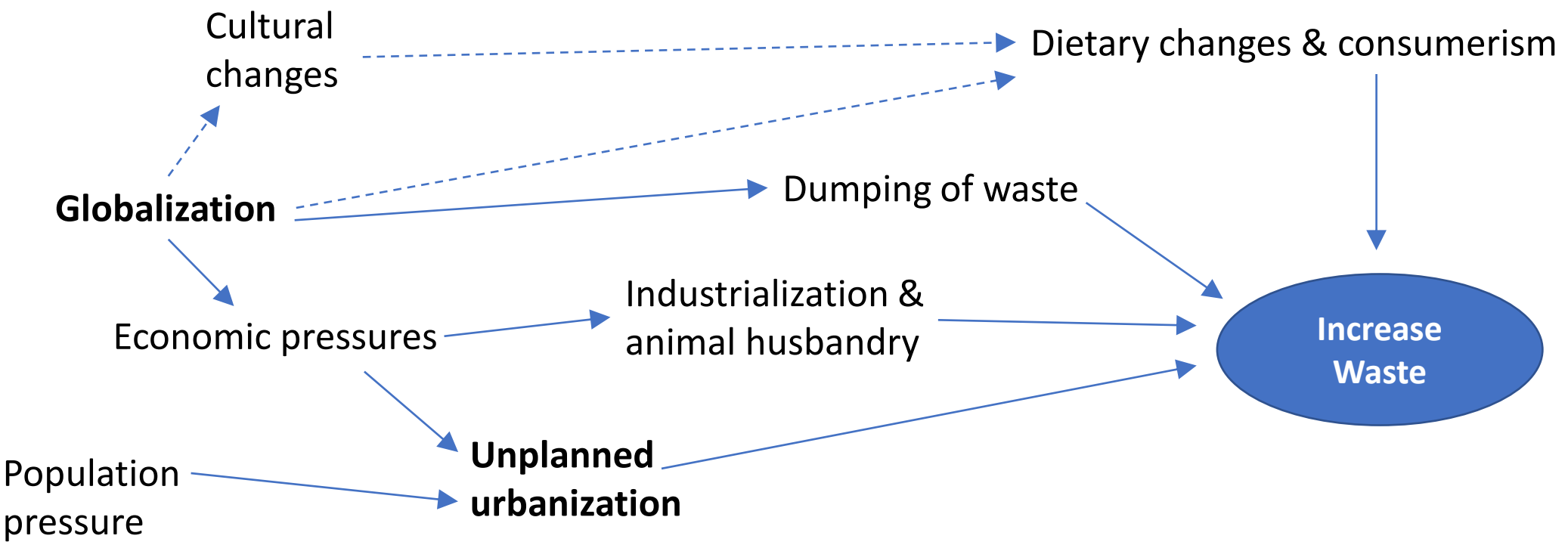
# A Systems Approach

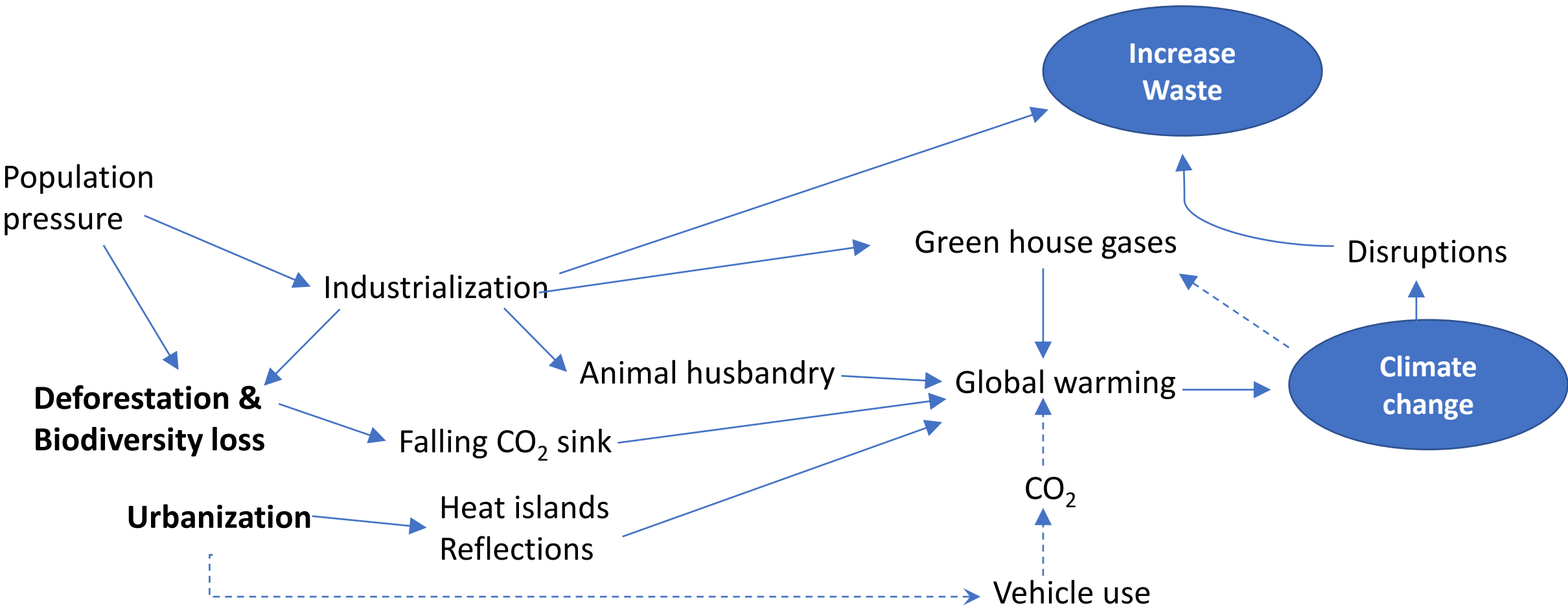


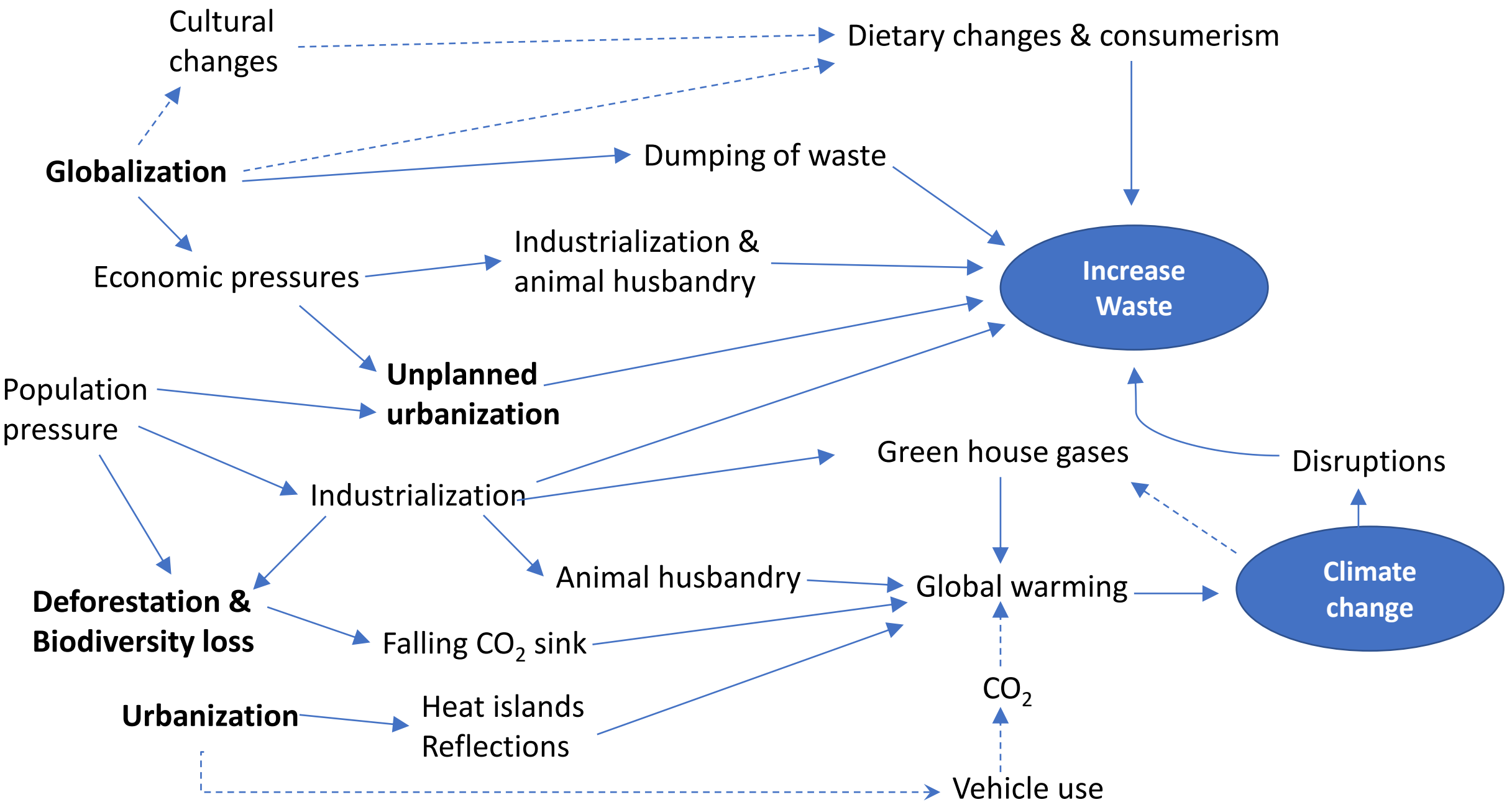


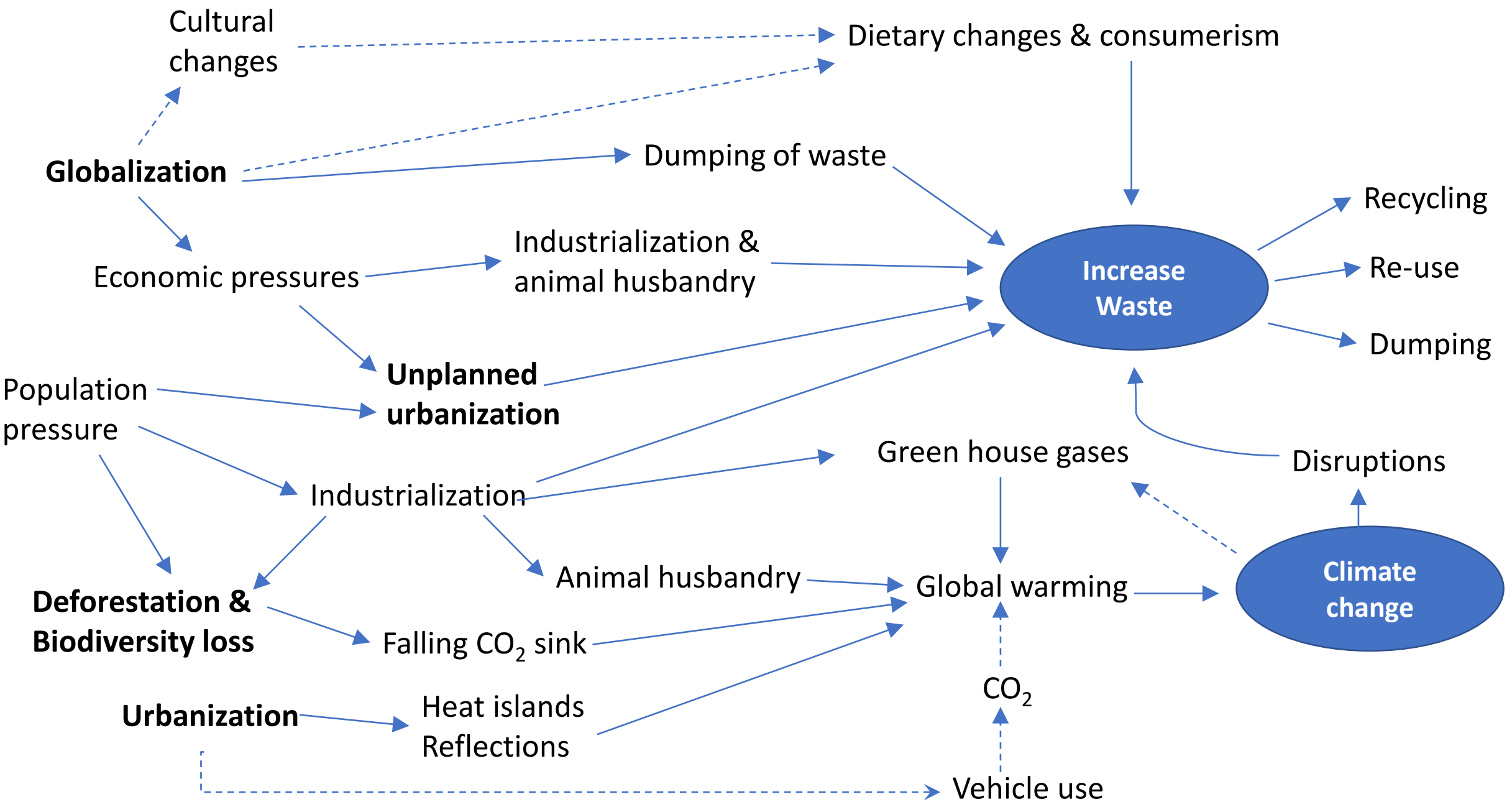
How could waste management link to  
future pandemics?

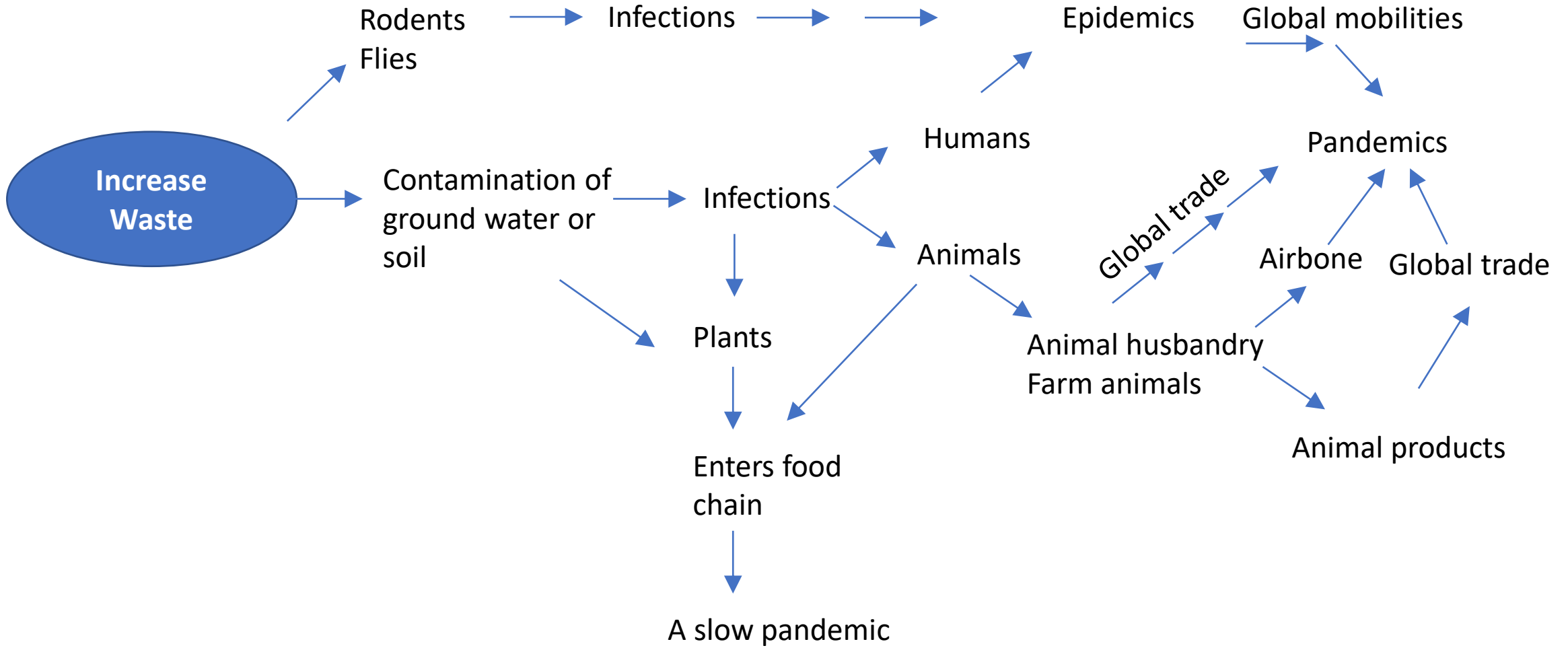












# SUMMARY

- How do climate change, deforestation, urbanization, and globalization link to pandemics?
- How could waste management link to future pandemics?
- A systems approach was to understand links between climate change, deforestation, urbanization, and globalization and pandemics using COVID-19 as an example
- Traced potential links between waste management and future pandemics