



TRANSPORT INFLUENCE ON CLIMATE CHANGE



CREATED BY:
AUGUSTÈ NUOBARAITĖ (LT),
GRAZIELLA ROMANO (IT),
FABIANA REIS (PT),
FLAVIUS IONUT TRANCAU (RO),
EMILIA NIKOLOVA (BG)



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- Sources and causes of pollution
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Key words and phrases

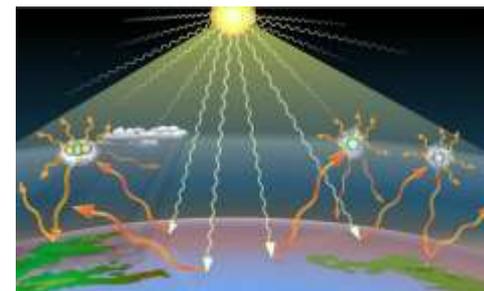
- Transport
- Global warming
- Greenhouse gas (GHG)
- European Economic Area (EEA)
- The World Health Organization (WHO)
- Carbon dioxide (CO₂)
- Nitrous oxide (N₂O)
- Hydrofluorocarbons (HFCs)



Carbon dioxide (CO₂)



The World Health Organization (WHO)



Greenhouse gas (GHG)



Sources and causes of pollution

Cars, vans, trucks and buses produce over 70% of the greenhouse gas emissions generated by transport. The remainder comes mainly from sea and air transport. Transport continues to be a significant source of air pollution, especially in cities.

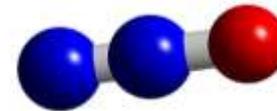


Toxic pollutants emitted into the environment

Burning fossil fuels like gasoline and diesel release carbon dioxide, a greenhouse gas, into the atmosphere. The buildup of carbon dioxide (CO₂) and other greenhouse gases like methane (CH₄), nitrous oxide (N₂O) and hydrofluorocarbons (HFCs) are causing the Earth's atmosphere to warm.



Carbon dioxide (CO₂)

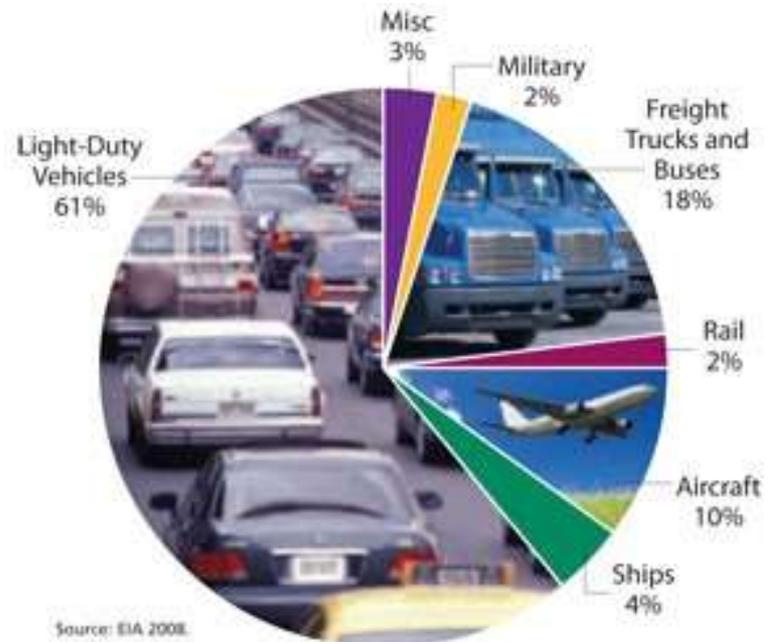


Nitrous oxide (N₂O)



The effect on climate change

Transport accounts for 26% of global CO₂ emissions and is one of the few industrial sectors where emissions are still growing. Car use, road freight, aviation and water transport are the principal contributors to greenhouse gas emissions from the transport sector and this review focuses on approaches to reduce emissions from these problem areas.





How to reduce the amount of environment pollution?

- For example, if we have to move from one place to another, we can use public transport or walk.
- We should replace cars with bicycles, scooters, electric cars and etc.



Conclusion

Transport is very serious contributors to climate change. To reduce pollution, people need to use public transport.



International agreements

The MobiliseYourCity Partnership is a global climate initiative for integrated urban mobility planning. The partnership aims to support cities worldwide in the transition of sustainable transport (walking, cycling, transit, carpooling, car sharing and green vehicles).





SLOGAN

“One planet, one choice”

