WHO NEEDS TO QUIT TOBACCO? THE PLANET



EXAMINE EXPLORE EXPLAIN

EXPECT EMPHASIZE

Every year, tobacco is responsible for approximately:

600 Million5%Trees LostGlobal Deforestation

84 Million Tons

Greenhouse Gas Emissions

815,986 pounds

Toxic Chemicals

- Tobacco horticulture uses large amounts of chemical fertilizer and pesticides.
- The negative impact of tobacco production and use are not balanced by positive contributions to society.



• The tobacco industry produces large amounts of tobacco product waste.



Cigarette filters are particularly problematic!

- Cigarette butts are the most littered item on the planet.
- An estimated 4.5 trillion cigarette butts are disposed of improperly every year.,
- Filters are made of microplastics tiny toxic fibers that pollute the environment.
- They result in approximately **1.7 billion** pounds of toxic trash each year .



Cigarette filters contribute to microplastic contamination!

- A single filter can contaminate up to **132 gallons of water.**
- When ingested, the hazardous chemicals cause long-term mortality in marine life.



Filters do not reduce the damage to health caused by cigarettes.

- Their function is to make smoking less harsh, smoothing the way for initiation.
- Use of filters results in higher puff volumes and more frequent puffs.



- Lithium-ion batteries are flammable and release dangerous chemicals into the environment.
- Recent study suggests ~2,035 injuries in the U.S. resulting from an e cigarette explosion (2015 -2017)

EXPLODING E-CIGARETTES

A recent study suggests an estimated 2,035 injuries in the U.S. resulted from an e-cigarette explosion from 2015 to 2017. The same study also believes there are many more explosions that weren't reported.

WHEN DO THESE EXPLOSIONS OCCUR?

65% incidents occurred while the e-cigarette was inside someone's pocket.

13% incidents occurred while an e-cigarette was in some form of storage/packageine.

incidents involve ar e-cigarette explodin in someone's hand

35% victims suffered second-degree burns.

victims suffered a combination of second and third-degree burns.

8% victims suffered third-degree burns.

Many cases also reported **lacerations** to the face, eyes, mouth and hands. Some victims also **suffered** from missing or broken teeth, and broken neck bones. The first death caused by an e-cigarette explosion occurred in 2018.

EXPLORE

Governments have the right and, under human rights law, a duty to protect their citizens from the consequences of tobacco, including environmental consequences.





Phase out the sales of cigarettes altogether!



Ban single-use plastics at the local, state and national levels.



Urge the U.S. to push hard for a ban on single -use plastics (which includes most tobacco products) at the negotiations for the UN Treaty to Eliminate Plastic Pollution.

- Assess a fee for every cigarette and e-cigarette sold to pay for litter abatement.
- This would increase the cost of tobacco and lower demand.



Ban filters altogether!



Ban tobacco use in all outdoor public areas!



Explore opportunities to raise awareness and educate the community!



EXPLAIN



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ARGUMENT

Filters are designed to reduce tar and other chemical intake. COUNTER - ARGUMENT

Many studies have shown that there is NO health benefit to filters.



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ARGUMENT

The industry can police itself, funding litter cleanups, etc.

COUNTER - ARGUMENT

The industry has always denied the "polluter pays principle" and they have never kept their promises.



ARGUMENT

Eliminating filters might largely eliminate cigarettes.

COUNTER - ARGUMENT

Good!



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ARGUMENT

Government budgets are dependent on tobacco revenues.

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COUNTER - ARGUMENT

They should not be dependent on revenue from something that kills their citizens when used as intended. The long term cost savings from ending the tobacco epidemic dwarfs revenues.

EXPECT



EXPECT OPPOSITION

Retail, wholesale, and distribution networks.





EXPECT OPPOSITION

Congress

 The Tobacco industry is among the largest donors to national and state political campaigns.



EMPHASIZE

EMPHASIZE

The end is coming!



Throughout its lifecycle, tobacco pollutes the planet & damages the health of all people.





RESOURCES

- 1. https://www.opensecrets.org/industries/background.php?cycle=2022&ind=a02
- 2. <u>https://www.nysmokefree.com/FactsAndFAQs/Filters#:~:text=Why%20don't%20filters%20work,travel%20deeper%20into%20yo</u> <u>ur%20lungs</u>
- <u>https://www.fda.gov/tobacco-products/products-ingredients-</u> <u>components/cigarettes#:~:text=The%20basic%20components%20of%20most,when%20they%20inhale%20cigarette%20smok</u> <u>e</u>
- 4. https://www.cdc.gov/tobacco/basic_information/e-cigarettes/about-e-cigarettes.html
- 5. <u>https://ww2.arb.ca.gov/our-work/programs/environmental-tobacco-smoke/california-tobacco-laws-reduce-ets-exposure:~:text=California%20has%20been%20referred%20to,law%20in%201995%20(Labor%20Code</u>
- 6. https://www.cdc.gov/tobacco/secondhand-smoke/protection/improve-health.htm
- 7. https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6059254/
- 8. https://www.tobaccofreekids.org/assets/global/pdfs/en/PEC_effective_en.pdf
- 9. https://www.who.int/news/item/31-05-2022-who-raises-alarm-on-tobacco-industry-environmental-impact
- <u>https://tobacco.ucsf.edu/health-care-costs-drop-quickly-after-smokers-</u> quit#:~:text=Studies%20have%20already%20shown%20that,attack%2C%20stroke%20and%20respiratory%20disease
- 11. https://www.tobaccofreeco.org/wp-content/uploads/2021/02/grantee-only-opposition-messaging-January-2021-Final.pdf
- 12. https://www.opensecrets.org/industries/background.php?cycle=2022&ind=a02

Who Needs to Quit Tobacco? Webinar Series Dates

April 26, 2023: Tobacco Industry

May 24, 2023: Government

Is your organization doing great work in tobacco control?

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