





Every year, tobacco is responsible for approximately:

600 Million

**Trees Lost** 

5%

**Global 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!

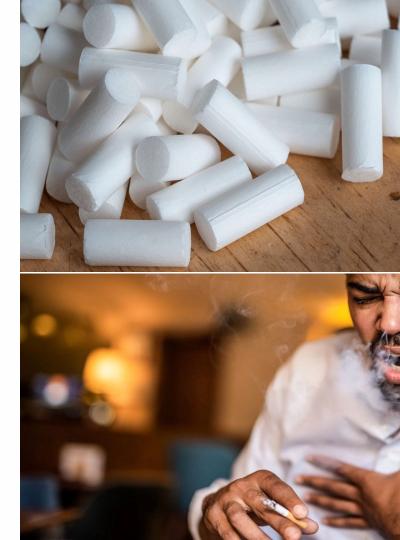
- A single filter can contaminate up to 132 gallons of water.
- When ingested, the hazardous chemicals cause long-term mortality in marine life.





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%
ncidents occurred
nile the e-cigarette



12% incidents involve an e-cigarette exploding 10% incidents involve an e-cigarette exploding

victims suffered second-degree burns.

20%
victims suffered a combination of second and third-degree burns.

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.





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!







#### **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.



#### **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!





#### **ARGUMENT**

Government budgets are dependent on tobacco revenues.



#### **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 OPPOSITION**

Retail, wholesale, and distribution networks.



# **EXPECT OPPOSITION**

#### Congress

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



# **EMPHASIZE**

The end is coming!







# RESOURCES

- 1. <a href="https://www.opensecrets.org/industries/background.php?cycle=2022&ind=a02">https://www.opensecrets.org/industries/background.php?cycle=2022&ind=a02</a>
- 2. <a href="https://www.nysmokefree.com/FactsAndFAQs/Filters#:~:text=Why%20don't%20filters%20work,travel%20deeper%20into%20your%20lungs">https://www.nysmokefree.com/FactsAndFAQs/Filters#:~:text=Why%20don't%20filters%20work,travel%20deeper%20into%20your%20lungs</a>
- 3. <a href="https://www.fda.gov/tobacco-products/products-ingredients-components/cigarettes#:~:text=The%20basic%20components%20of%20most,when%20they%20inhale%20cigarette%20smokee.">https://www.fda.gov/tobacco-products/products-ingredients-components/cigarettes#:~:text=The%20basic%20components%20of%20most,when%20they%20inhale%20cigarette%20smokee.</a>
- 4. <a href="https://www.cdc.gov/tobacco/basic\_information/e-cigarettes/about-e-cigarettes.html">https://www.cdc.gov/tobacco/basic\_information/e-cigarettes/about-e-cigarettes.html</a>
- 5. <a href="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)</a>
- 6. <a href="https://www.cdc.gov/tobacco/secondhand-smoke/protection/improve-health.htm">https://www.cdc.gov/tobacco/secondhand-smoke/protection/improve-health.htm</a>
- 7. https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6059254/
- 8. https://www.tobaccofreekids.org/assets/global/pdfs/en/PEC effective en.pdf
- 9. <a href="https://www.who.int/news/item/31-05-2022-who-raises-alarm-on-tobacco-industry-environmental-impact">https://www.who.int/news/item/31-05-2022-who-raises-alarm-on-tobacco-industry-environmental-impact</a>
- 10. <a href="https://tobacco.ucsf.edu/health-care-costs-drop-quickly-after-smokers-quit#:~:text=Studies%20have%20already%20shown%20that,attack%2C%20stroke%20and%20respiratory%20disease">https://tobacco.ucsf.edu/health-care-costs-drop-quickly-after-smokers-quit#:~:text=Studies%20have%20already%20shown%20that,attack%2C%20stroke%20and%20respiratory%20disease</a>
- 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



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