

**Moduł The science of smog** <https://www.youtube.com/watch?v=CdbBwlgq4rs>

Exercise 1. Before you watch.

Match the words to their Polish equivalents.

culprit (negative)	podatny, wrażliwy
to tackle (a problem)	powłoka, warstwa
to exacerbate	pogarszać, zaostrzać
vulnerable	przyczyna
moisture	mgiełka
to dissipate	wilgoć
layer	uporać się, stawić czoło
susceptible to	rozpraszać (np. chmury, mgłę)
haze	bezbronny

Now use these words to complete the sentences.

1. At the same time, we need to protect the \_\_\_\_\_ in our society and reduce poverty.
2. Factories producing insecticides, herbicides, fungicides, and fertilizers are a major \_\_\_\_\_ of the greenhouse gas.
3. Ibuprofen can \_\_\_\_\_ asthma, sometimes fatally.
4. This policy's objective was to allow the Central Bank to be able to better \_\_\_\_\_ inflation and discourage the use of U.S. dollars.
5. The strong wind \_\_\_\_\_ the clouds and we could see the bright sky again.

Exercise 2. Speaking. Discuss these questions with a partner.

1. How was the word 'smog' coined?
2. Why are some cities more susceptible to smog than others?
3. How does smog affect people? Who is most vulnerable?
4. What are two types of smog?

Exercise 3. Now watch the film and find answer to these questions. Take notes.

- 1.
- 2.
- 3.
- 4.

Exercise 4. Match the words from the two columns to make expressions used in the film? What do they mean?

A	B
Chemical	combustion
Fossil	pollutant
Secondary	warfare
Incomplete	problem
Major	fuel

Exercise 5. Watch the film again and complete the sentences with the missing words.

1. The smog in LA was different, it was \_\_\_\_\_ with a chemical \_\_\_\_\_.
2. VOCs stands for \_\_\_\_\_.
3. VOCs may contain the following elements: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.
4. Manmade sources that VOCs come from are \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.
5. Incomplete combustion of gas from motor vehicles \_\_\_\_\_ nitrogen oxide.
6. PANs are \_\_\_\_\_.
7. Temperature inversion is a phenomenon where instead of warm air continuously rising upward, a pollution-filled \_\_\_\_\_ of air remains \_\_\_\_\_ near the Earth's \_\_\_\_\_ by a warmer \_\_\_\_\_ above.
8. Poland depends on \_\_\_\_\_ for energy that's why it experiences \_\_\_\_\_ of industrial smog.

Exercise 6. What do you think?

- Should we worry about smog? Why? Why not?
- How can we fight smog in our cities?