

## Eyes in the sky: tracking air pollution with satellites

# Activity 4 worksheet

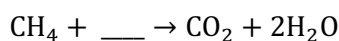
### From Combustion to the Atmosphere – inorganic chemistry activity extension

Are there any chemical reactions involved in the production of nitrogen dioxide (NO<sub>2</sub>) and of carbon dioxide (CO<sub>2</sub>)? Fill in the blanks.

Formation of nitrogen dioxide:



Formation of carbon dioxide:



### Reflection Questions

- Which gases formed during combustion can be detected by satellites like Sentinel-5P?

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- Which of these gases have the biggest impact on human health?

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- How could switching to cleaner energy sources help both people and the planet?

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