

**Analyzing  
greenhouse gas  
emissions...**



**...through  
nuclear science  
and technology**

# ATOMS4CLIMATE monitoring

## How can we fight climate change if we don't know where greenhouse gases are coming from?

The IAEA is working together with the World Meteorological Organization to help countries monitor and analyze greenhouse gas emissions.

Using stable isotopes, scientists 'fingerprint' each gas present in a sample of air and trace its source. This data helps countries to target their climate policies to the biggest polluters.

At new regional centres, scientists will analyse the data collected and teach more scientists how to apply this technique in their countries.

ANALYZING GREENHOUSE GAS EMISSIONS THROUGH NUCLEAR SCIENCE AND TECHNOLOGY



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