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BASF Podcast: The Chemical Reporter - What is the radiocarbon dating method?

Ludwigshafen (ots) -

All organisms - plants, animals, human beings
- need carbon to survive. In the air, the element can be found in the commonly occurring compound carbon dioxide (CO₂). Plants absorb CO₂ and turn it into carbohydrates. We in turn absorb these carbohydrates when we eat the plants. And when we breathe out, we then release carbon dioxide back into the air. All of these steps together make up the 'carbon cycle'. The moment an organism dies, this cycle is broken. And even thousands of years later, that moment can be dated using the radiocarbon dating method. In entertaining episodes our Chemical Reporter answers questions of our Podcast listeners on Chemistry in our everyday life.

Direct listening at:

<http://www.basf.com/podcast/radiocarbon-dating-method>

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This podcast is the audible innovation magazine of BASF. Discover every month how Chemistry can help to shape our future. The actual episode is on "Option for Climate Protection - Gas Scrubbing captures CO₂ from Flue Gases".

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