

# SYNOPSIS



## O-Two - The Molecule that Made Our World

### Der Atem der Erde

Using latest CGI combined with live-action reconstructions, this film follows the journey of a molecule of oxygen, an adventure that takes place over a span of thousands of millions of years. The story begins with the photosynthesis of a bacteria - and in doing so it produces the molecule of oxygen gas. The way of the oxygen unfolds and at times it is torn apart and becomes part of other molecules. It is involved in the conflagrations that accompanied the death of the dinosaurs after the great asteroid impact, then travels through a human body to combine with haemoglobin in the blood and to take part in chemical reactions in individual cells. For a while the oxygen even spends some time as ozone, protecting earth from deadly radiation but then connects to a carbon dioxide molecule to help warming earth and bring about unknown consequences of climate change. Following this fascinating story, the film explores key moments in the history of earth and science in an unusual and visual way. «O-Two» is an intriguing and ambitious journey through biology, chemistry and physics.



**Awards:** Jackson Hole Film Festival 2008: Jackson Hole Film Festival Awards

**Year:** 2008

**Run-Time:** 1 x 50 min.

**Written by** John Capener, Steve Nicholls, Alfred Vendl

**A Burning Gold & AV Dokumenta production for ORF UNIVERSUM in co-production with BMUKK and BBC**

Available for German speaking Territories, UK, Ireland, USA and English speaking Canada; other Territories distributed by Fremantle

**Languages:** German (ORIGINAL) , English (DUBBED)

**Format:** 16:9 , 16:9 , 16:9

**HD**

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» SCREEN ONLINE

