



INSPIRED BY NATURE

by André Rehse



SYNOPSIS

Humanity is facing huge challenges today: Climate change, ocean pollution and non-renewable energy sources are all pressing environmental problems. But nature provides some sustainable answers. The four-part series 'Inspired by Nature' deals with the selected biomimicry topics locomotion, construction, apperception and processing. It shows how scientists analyse complex biological processes, how these results are applied to solutions of technical problems and finally evolve to everyday objects for the consumer. Our host – Janine Benyus, the so-called 'mother of biomimicry' – guides us through the series and explains e.g. how the railway system of the UK can be inspired by a slime mould or how lobsters could help finding leaks in underwater pipelines.

CAST AND CREW

DIRECTOR André Rehse · PRODUCER Christian Beetz ·

SCREENPLAY André Rehse, Jan Tenhaven · SCORE Nils Kacirek,

Sipho Khumalo · SOUND Sebastian Richter, Martin Kleinmichel ·

EDITOR Oliver Szyza · DOP Fabian Welther · COMPOSITING Jörg Höhne

Germany 2010

208 min

FORMAL CATEGORIES

Sustainability, Nature/Animals, Science

CONTENT CATEGORIES

Series

ORIGINAL LANGUAGES

German, English

PREMIERE

Germany (2010)

PRODUCTION COMPANY

[beetz brothers film production](http://gebrueder-beetz.de)

Berlin

Germany

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[https://gebrueder-beetz.de/en/](http://gebrueder-beetz.de/en/)