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**Staring into the unknown:** polar bears are one of countless species threatened by climate change. Elsewhere, wildlife protection is being used as a pretext to hinder wind power development.

## ENERGY POLITICS

- 3 | **Editorial**
- 6 | **Cooperation with EREF**
- 8 | **News:** Hambach Forest clearance halted, Merkel rejects climate target, EU moves forward on transport emissions, German parties compromise on air pollution, IPPC special report, solar tariffs lifted.
- 11 | **Securing the rights of climate refugees**  
As the effects of global warming intensify throughout the world, an advisory body in Germany is proposing climate passports to ensure those displaced by climate change can seek a new home safely and with dignity.
- 12 | **The road to Katowice**  
Two months before COP24, a preparatory summit in Bangkok has made some progress on the roadmap for implementation of the Paris agreement – but much remains to be done.

## COUNTRY MARKETS

- 14 | **News:** Study proposes pathways for coal phase-out, Germans surveyed on renewables surcharge, Belgium faces power shortages.

## 15 | New life for old turbines

As funding runs out for ageing wind farms, companies are looking to new business models to keep the blades turning. For many, power purchase agreements are a logical next step.

## BUSINESS

- 17 | **News:** Clean power pledges on the up, study predicts peak fossil, price hike for carbon emissions.
- 18 | **Wake-up call**  
Times are hard for the German wind industry, and most in the sector blame their troubles largely on government policy. The country's wind-rich north is calling on Berlin to take urgent action to save the energy transition's flagship industry.

## TECHNOLOGIES

- 20 | **News:** Renewables could bring rain to the Sahara, breakthrough in artificial photosynthesis, flight record for solar-powered drone.



**Winds of change:** the recent WindEnergy trade fair in Hamburg showcased some of the sector's latest technological developments.



**Roda Verheyen:** the lawyer taking the EU to court over climate change.

## ELECTROMOBILITY

- 21 | The eHighway is coming**  
Could electric trucks powered by overhead lines revolutionise freight transport? A new study examines the technology's environmental and economic benefits.

## COVER STORY

- 22 | Climate action is wildlife protection**  
Wind power developments are increasingly being hindered by concerns over the safety of birds and bats in a debate where objectivity often falls by the wayside. But holding back the energy transition opens the door to climate change – ultimately a much greater threat to wildlife.
- 30 | Eye in the sky**  
In a bid to overcome the regulatory hurdles faced by wind farm developers, a variety of technologies are being developed to minimise the threat turbines pose to wildlife, ranging from automatic recognition to virtual perimeters.

## WIND

- 36 | Lighter, stronger, faster**  
A look at the technological developments ushering in the wind turbines of the future.

## ENERGY PEOPLE

- 41 | News:** Achim Berge Olsen, Andreas Höllinger, Karsten Schlageter, Joachim Nitsch, Uwe Leprich, Yves Rannou, Jürgen Geißinger, Dhaval Vakil, Immo von Fallois, Holger Hanselka, Philipp Schröder, Michael Jesberger, Rainer Joswig, Jakob Edler.
- 42 | Climate change lawyer**  
Roda Verheyen is taking legal action against energy company RWE and the EU.
- 45 | Tired of lying**  
The reasons behind the shock resignation of French environment minister Nicolas Hulot.

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Cooperation with Deutsche Windtechnik