

SUSTAINABLE ENERGY

MADE IN HOLLAND

A new type of light // Greenhouses as sources of energy // Spanish sun, Dutch technology //
Benefit from the sea // New promise for data centres



How is the Netherlands
turning the sea into **the saviour
of the climate?**



Pioneers in international business

Cleaner world

All around the world, the penny has finally dropped: Sustainable energy is no longer a luxury – it's a necessity. Despite the often complex nature of the issues involved, the Netherlands offers many surprisingly simple solutions to the challenge facing the world of switching from coal, gas and oil to sustainable energy. An overview of Dutch clean energy. >> *By Arnoud Veilbrief*

photo: Mali's solar power station is visited by Doede Vierstra, CFO of Nuon



// **Sunny development** The Dutch are known for their love of travel. Well, the same applies to their solar technology. In other words, Dutch solar technology is a genuine export product ranging from turnkey fleets of machinery to manufacture solar cells to project management for large solar farms. Dutch research into new solar cells is also very promising and the combination of the research and the exports is producing outstanding results. The Dutch energy company Nuon, for example, established FRES (Foundation for Rural Energy Services), which provides electricity to people in remote regions by setting up local electricity companies. One of the results in Mali is a successful solar power station. The engineering firm Tss4U produced the design, in which Ubbink Solar (now RenuSol) panels capture the country's abundant solar rays. The electricity is stored in batteries and is then delivered to local residents via a mini-grid. Solar energy is providing job opportunities and improving living conditions for the Malians, while stimulating economic activity into the bargain.