



BLUECOPTER TECHNOLOGY

Innovation for environmental performance



INTRODUCING BLUECOPTER TECHNOLOGY BY EUROCOPTER

**“Quieter helicopters with lower emissions...
...designed for the environment”**

“As well as our plants”

“Reducing our environmental footprint is a permanent driving factor. At Eurocopter, we are committed to continuously improving our processes to further reduce the impact of both our group and our products & services on the environment.”

*Dr. Lutz Bertling,
President & CEO, Eurocopter Group*

“A joint project made possible by BARJANE Real Estate Investor and Developer, the Cardinal Group and Atelier 9 Architects/Imagorod.”



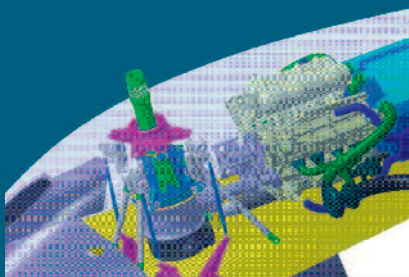
Eurocopter's new Marlog building includes the widespread use of photovoltaic panels to produce electricity as well as the latest generation heating and insulation systems.

BLUECOPTER TECHNOLOGY BY EUROCOPTER CURRENT AREAS OF INVESTIGATION

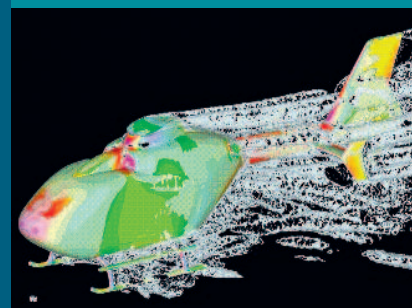
blue-edge blades



high-compression engine



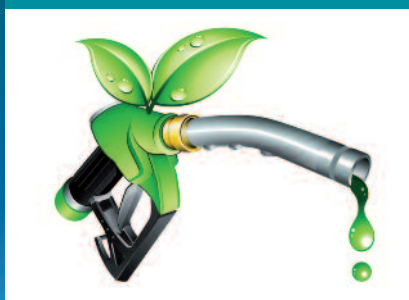
aerodynamics



blue-pulse controls



alternative fuels



end of life management

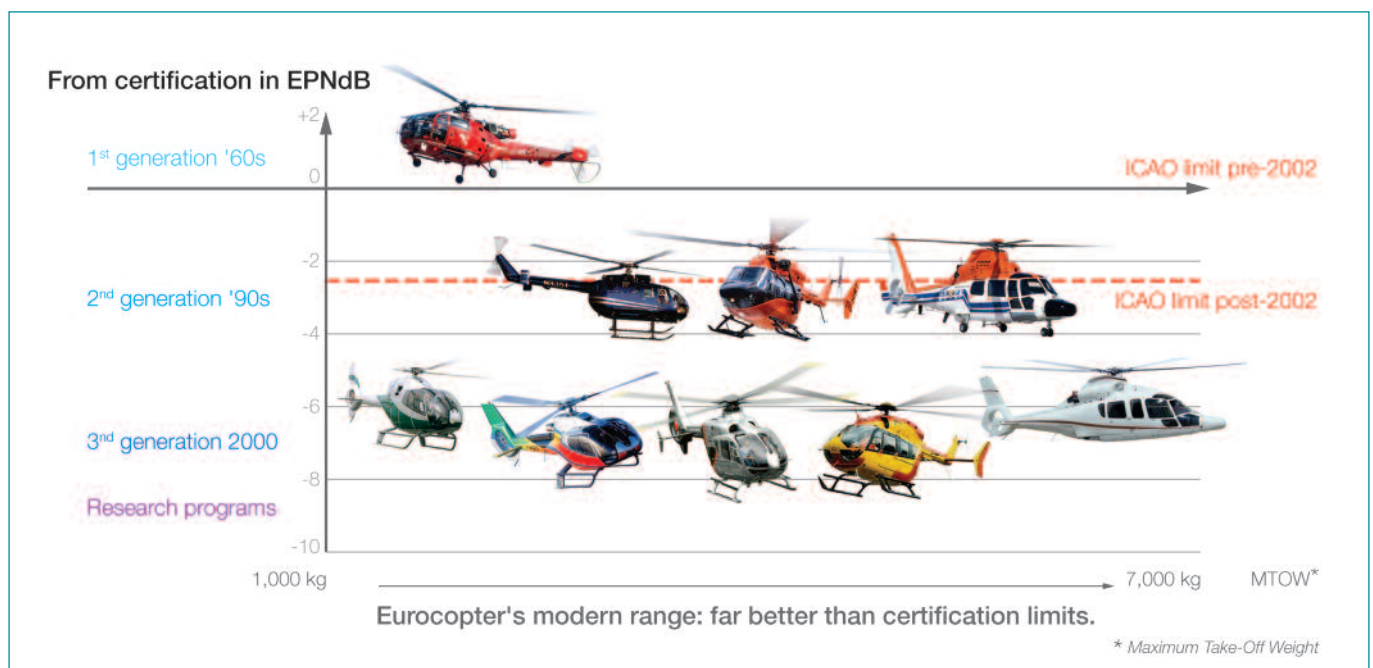


BLUECOPTER TECHNOLOGY: INTRODUCING NEW STANDARDS IN SOUND LEVELS AND EMISSIONS

According to the Intergovernmental Panel on Climate Change (IPCC), general aviation is a marginal contributor to the greenhouse gas (GHG) effect, accounting for only 0.03% of the total GHG emissions. However, Eurocopter is convinced we can further reduce this figure.

The Advisory Council for Aeronautic Research in Europe (ACARE) has set aggressive reduction objectives for the industry.

Over the last 50 years, Eurocopter has worked hard and successfully reduced the perceived sound of its helicopter range.

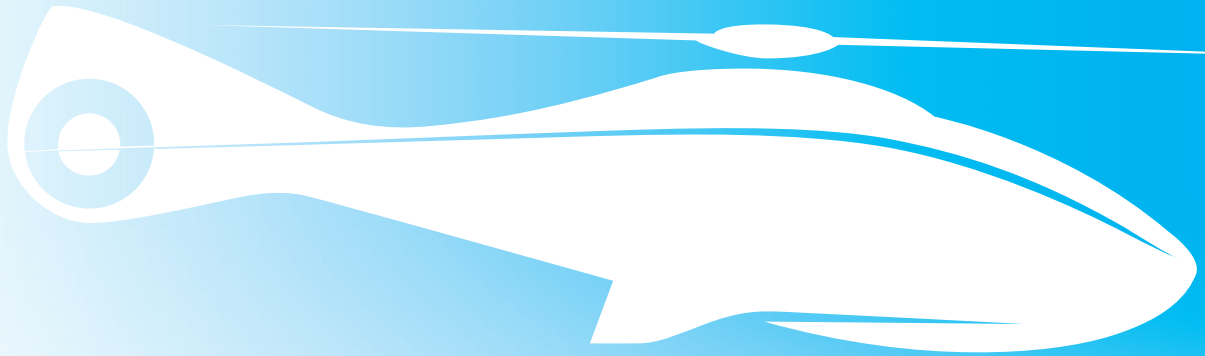


In order to **achieve ACARE's ambitious** objectives, the CleanSky Green Rotorcraft program is focusing on 3 key targets:

- Sound level: -10 dB
- CO₂: -30%
- NO_x: -60%

Eurocopter is on track to meet both CleanSky's objectives and new market requirements linked to ever-demanding environmental regulations.





EUROCOPTER'S VISION:

Eco-efficient helicopters, manufactured in low-carbon factories

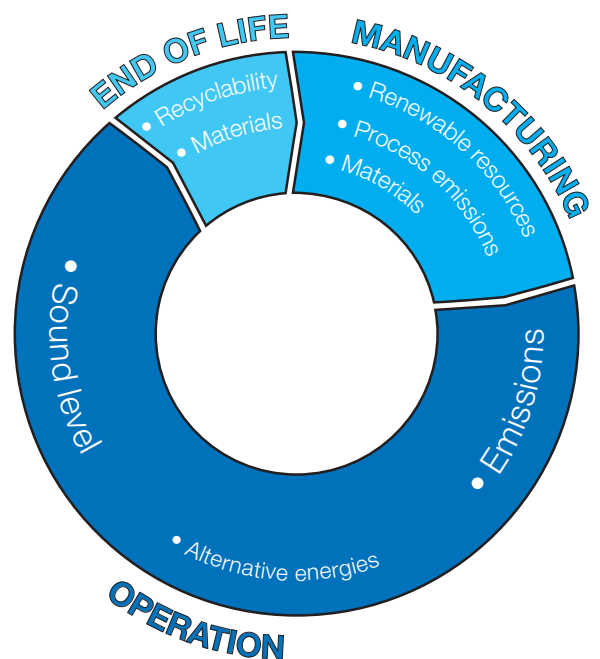
Eurocopter has established guidelines to control and mitigate risks, particularly regarding:

- Surface treatments
- Painting materials and processes
- Use and substitution of chemicals

Year after year, we consistently set voluntary reduction targets for:

- Industrial waste
- Atmospheric emissions
- Water usage
- Energy consumption

Design for Environment: Key Priorities



Eurocopter's environmental management system covers the entire lifecycle of all products and services. Plants in Germany, France and Spain are fully compliant with ISO 14001.



thinking without limits

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Bluecopter 02.11-E. Designed by Vincent Bérenger - Eurocopter - Photos: Antoine Grondeau - Patrick Penna.
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