

Wind Energ. Sci. Discuss., author comment AC1
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Reply on CC1

Mads H. Aa. Madsen et al.

Author comment on "CFD-based curved tip shape design for wind turbine blades" by Mads H. Aa. Madsen et al., Wind Energ. Sci. Discuss.,
<https://doi.org/10.5194/wes-2021-115-AC1>, 2021

Dear Malo Rosemeier,

Thank you for your comment.

It is correct that both the sleeve-like business case mentioned in the Introduction and the modular blade business case mentioned in the Conclusion will result in a mass increase when also considering joints, additional adhesives, etc. Implementing such considerations into a more realistic compound objective function could bring about a more application-oriented study and it should be included in future work.

However, we feel it is outside the scope of the current work.

We will take your thoughts into consideration during the awaiting first review of the paper.

Best regards,

Mads H. Aa. Madsen