

Wind Energ. Sci. Discuss., referee comment RC2
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Comment on wes-2022-66

Anonymous Referee #2

Referee comment on "Grand Challenges: wind energy research needs for a global energy transition" by Paul Veers et al., Wind Energ. Sci. Discuss.,
<https://doi.org/10.5194/wes-2022-66-RC2>, 2022

The manuscript entitled „Grand Challenges: Wind energy research needs for a global energy transition“ is meant as a letter to introduce a series of ten articles which outline in more details research challenges in wind energy. The whole initiative should promote and inspire the community of wind energy science. This letter gives an excellent introduction in the initiative and will add important informations. I support the publication.

A few minor comments from my side:

lines 22,23 „... development, and deployment of land and offshore... “ two times development does not sound goof to me.

Line 81 :“technology development, policy, public acceptance, economic, public-private partnerships“ suggest to add etc. to this list, as it seems to me that it is not a claim that

this list is complete.

Line 91. „services, often hybrid with solar and storage, ...“

Mentioning only solar is too restrictive. Here I would add at least hydro as the third main renewable system - or more general mention other renewable energy systems (to include biogas or in future synthetic fuels, which will have an impact on grid integration) : my suggestion : ... often hybrid with storage and other renewable energy systems, ...

Lines 99/100 this sentence : „The charter to ...“- I do not find this sentence very good formulated (I am not a native speaker thus take this a remark.)

- The charter to the authors - I would suggest: The charter for the authors...

- what is „tout“? Is this meant as verb, here I would suggest to add „to“- ... or to tout specific ...

Line 103 : „nations“ in this list does not fit. Nations is in my interpretation no group but another category, I would suggest national governments or short governments.