

Consultation Response Form

Your name	Ms S Jones
Your address	<div></div>
Preferred contact details (email/phone/post)	Post
<u>Organisation (if applicable)</u>	

1. NDF Outcomes (chapter 3)

The NDF has proposed 11 Outcomes as an ambition of where we want to be in 20 years' time.

- Overall, to what extent do you agree or disagree the 11 Outcomes are a realistic vision for the NDF?

Strongly agree	Agree	Neither agree nor disagree	Disagree	Strongly disagree	Don't know	No opinion
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- To what extent do you agree with the 11 Outcomes as ambitions for the NDF?

Agree with all of them	Agree with most of them	Agree with some of them	Agree with none of them	Don't know	No opinion
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- If you disagree with any of the 11 Outcomes, please tell us why:

Too great an area of land proposed for onshore wind/solar projects – considerably reduce area proposed. Public not allowed to object to these project plans in terms of landscape change – unfair especially for rural communities. The plan is very prescriptive in terms of renewable energy only, with Welsh Government making all decisions for projects great than 10MW – this is a lack of democracy for the Welsh people (in England, the locals councils and community decides on these projects).

The plan states that Welsh Government accepts that landscape change is accepted within the areas identified for wind/solar projects, although there is no acknowledgement of cumulative impacts or the blight that would be over Wales, nor the impacts on tourism and rural amenities which are glossed over.

The decline of biodiversity is not explored sufficiently, also the additional impacts on it (should the significant projects above proceed), are not considered. Stopping the biodiversity decline is equally important as reducing greenhouse gasses/pollution/energy generation etc

This plan should steer direction for the next 20 years – wind turbine is an old concept and inefficient and using the method for 20 years is very short-sighted. More focus should be placed in developing more effective and efficient solutions to green energy which should include a mixed bag of approaches that move with the time.

with the same number of students in each group. The groups were then randomly assigned to one of the two conditions.

The first condition was the control condition, in which students were asked to write a short story about a character who was different from them.

The second condition was the experimental condition, in which students were asked to write a short story about a character who was different from them, but who was also a member of a stigmatized group. The students in the experimental condition were also asked to write a short story about a character who was different from them, but who was also a member of a stigmatized group.

The third condition was the control condition, in which students were asked to write a short story about a character who was different from them.

The fourth condition was the experimental condition, in which students were asked to write a short story about a character who was different from them, but who was also a member of a stigmatized group. The students in the experimental condition were also asked to write a short story about a character who was different from them, but who was also a member of a stigmatized group.

The fifth condition was the control condition, in which students were asked to write a short story about a character who was different from them.

The sixth condition was the experimental condition, in which students were asked to write a short story about a character who was different from them, but who was also a member of a stigmatized group. The students in the experimental condition were also asked to write a short story about a character who was different from them, but who was also a member of a stigmatized group.

The seventh condition was the control condition, in which students were asked to write a short story about a character who was different from them.

The eighth condition was the experimental condition, in which students were asked to write a short story about a character who was different from them, but who was also a member of a stigmatized group. The students in the experimental condition were also asked to write a short story about a character who was different from them, but who was also a member of a stigmatized group.

The ninth condition was the control condition, in which students were asked to write a short story about a character who was different from them.

Spatial Strategy (policies 1 - 4)

The NDF **spatial strategy** is a guiding framework for where large-scale change and nationally important developments will be focused over the next 20 years.

- To what extent do you agree or disagree with the spatial strategy and key principles for development in...

	Strongly agree	Agree	Neither agree nor disagree	Disagree	Strongly disagree	Don't know	No opinion
Urban areas (Policies 1, 2 & 3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rural areas (Policy 4)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- If you have any comments on the spatial strategy or key principles for development in urban and rural areas, please tell us:

*The plan needs to be much more realistic and in proportion in terms of area highlighted for proposed sites for possible wind/solar energy infrastructure – area allocated is far too extensive – which would result in impacts far too extensive too. The plan suggests for wind/solar actual sites only, but does not mention/include the infrastructure, hubs, cabling etc required although this would be an additional issue that it not considered/mentioned. **The plan should greatly reduce area/sites for mass RE projects.***

Any plan that is future proof should focus on promoting responsibility for own uses for the current and next generation, and not always consider that it is acceptable, nor practical, to have more and more and more of anything. The plan should instead focus on creating where possible own energy supply to meet own energy needs.

The first part of the paper is devoted to the study of the properties of the function $f(x)$ defined by the equation

$$f(x) = \int_0^x \frac{1}{1+t^2} dt, \quad x \in \mathbb{R}.$$

It is well known that this function is the arctangent function, i.e. $f(x) = \arctan x$. The main result of this section is the following theorem:

Theorem 1. Let $f(x)$ be the function defined by the equation (1). Then for any $x \in \mathbb{R}$ the following inequality holds:

$$|f(x) - \frac{x}{1+x^2}| \leq \frac{1}{2(1+x^2)}.$$

The proof of this theorem is given in the next section. The second part of the paper is devoted to the study of the properties of the function $g(x)$ defined by the equation

$$g(x) = \int_0^x \frac{1}{1+t^4} dt, \quad x \in \mathbb{R}.$$

It is well known that this function is the function $g(x) = \frac{1}{3} \arctan \sqrt[3]{x}$. The main result of this section is the following theorem:

Theorem 2. Let $g(x)$ be the function defined by the equation (2). Then for any $x \in \mathbb{R}$ the following inequality holds:

7. Renewable Energy and District Heat Networks (policies 10-15)

- To what extent do you agree or disagree with the NDF's policies to lower carbon emissions in Wales using...

	Strongly agree	Agree	Neither agree nor disagree	Disagree	Strongly disagree	Don't know	No opinion
Large scale wind and solar developments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
District heat networks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- If you disagree with the NDF's approaches to green infrastructure, renewable energy or district heat networks, what alternative approaches should we consider helping Wales to enhance its biodiversity and transition to a low carbon economy?

The plan needs to be in proportion – the proportion of area suggested for possible wind/solar energy infrastructure is far too extensive, which would result in the associated negative impacts that are also far too extensive too. So overall, the area needs to be reduced significantly. All plans should involve the people who live and work in the country, and their voice should be heard and not over-ruled/not allowed on any point. Note points in Q15.

15. Further comments

- Are there any further comments that you would like to make on the NDF, or any alternative proposals you feel we should consider?

The dNDF states that in terms of RE, objections to landscape change will NOT be allowed despite the significant area of land that this could affect – this is wrong as all plans should include democracy, which should then help inform decision making. Wind farms should not have an unacceptable impact on their surroundings.

There is a statement suggesting that Welsh Government is committed to reversing the decline in bio diversity and increasing the resilience of our eco systems, and of having the right tree in the right place – but no mention of protecting what we already have – such as our Welsh ancient woodlands. These woodlands need to be safeguarded at all costs, as they cannot be replaced - they are areas of woodland that have persisted since 1600 when maps/records began and have had tree cover for hundreds of years and are relatively undisturbed by human development. If the plan wants to reverse the decline in biodiversity, then it has to consider the 11 critical issues which are existing legislation e.g. Environment Act, EIA, WBFGA etc

The first part of the paper discusses the importance of understanding the underlying mechanisms of the observed phenomena. This is followed by a detailed description of the experimental setup and the results obtained. The final section provides a summary of the findings and discusses their implications for future research.

The experimental setup consists of a series of interconnected components, each of which is designed to measure a specific aspect of the system's behavior. The results of these measurements are then analyzed to determine the overall characteristics of the system. This analysis reveals that the system exhibits a complex, non-linear behavior that is highly sensitive to initial conditions.

The results of the experiment show that the system's behavior is characterized by a series of oscillations that increase in amplitude over time. This behavior is consistent with the theoretical predictions made in the first part of the paper. The implications of these findings are discussed in the final section, where it is suggested that the results may have important applications in the field of control systems.

The paper concludes with a discussion of the limitations of the current study and suggestions for future work. It is noted that the current study was limited to a specific range of parameters, and that further research is needed to explore the system's behavior over a wider range of conditions. The authors express their appreciation to the funding agency for its support of this research.

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The authors declare that they have no conflicts of interest with respect to the publication of this paper. The authors also declare that the data presented in this paper are the result of their own research and are not derived from any other source.

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