

# LLANSTADWELL COMMUNITY COUNCIL

Chairman: Cllr Roger Diggle

Clerk: Mrs Jane Clark-Davies, 'Cobwebs' 38 Kiln Road, Johnston, Haverfordwest, SA62 3PF  
Tel: 01437 621850 or 07980 303996 e-mail: [janeclark2009@hotmail.co.uk](mailto:janeclark2009@hotmail.co.uk)

17<sup>th</sup> October 2024

Greg Archer  
European Policy Director  
Lanzatech

Dear Greg,

Thank you for your presentation to Llanstadwell Community Council on last Tuesday. We all found it very informative. The concept of using a biological process to convert waste CO<sub>2</sub> into Ethanol and then into Jet Fuel is an exciting prospect and certainly will aid the aviation industry's drive to become greener and less reliant on fossil fuels.

We were reassured by the fact that you have 6 sites throughout the world operating this type of technology and you told us there have been no significant safety issues.

We also note that the success of this project is contingent upon Dragon LNG and RWE's project to capture the waste CO<sub>2</sub> from RWE's gas fired power station and pipe the CO<sub>2</sub> across to Dragon LNG's liquification plant in Waterston. It is also contingent upon the Green Hydrogen project and having hydrogen piped across to the Waterston site.

As a Community Council we are very supportive of projects that will contribute to the UK green energy programme and net zero plans. We also note the positive impact that this project could have on local employment, education and apprenticeships.

The main concern that the Council has is in relation to the siting of the proposed unit. This is very close to local housing and the playpark. You explained that you aimed for a noise level of 40 dB. There are several members of the Committee who lived in the Waterston area when the Gulf Oil refinery was operational on the exact site you are considering. They are strongly of the opinion that the noise levels, even at 40 dB, will be intrusive and harmful to the general well-being of the population. Given the large size of the Waterston site there must be other locations within the site that could be used that would be significantly further from the local housing. As you are aware sound decreases exponentially with distance, so if the compressor unit were to be moved a further 200 metres from the housing this would halve the perceived noise levels.

We hope that the project is successful and commercially viable and that it leads to a further expansion of the facility in future years. Assuming this does occur, it is clear that a larger or more than one compressor would be necessary, this makes the noise issue even more relevant.

We are very happy to support this project provided that you consider relocating the plant further away from the residential housing.

Kind regards,

A handwritten signature in black ink, appearing to read 'R Diggle', written in a cursive style.

**Cllr Dr Roger Diggle**  
**Chair**