

**Progress Statement**  
**on**  
**LU-5, Sound Insulation**  
**LU-6, Voluntary Dwelling Purchase Scheme**  
**LU-7, School Insulation Scheme**

### **LU-5 Sound Insulation**

Dublin Airport's residential insulation programme comprises two initiatives, namely the Residential Noise Insulation Scheme (RNIS) associated with North Runway, and the Home Sound Insulation Programme (HSIP).

Condition 7 of An Bord Pleanála's 2007 grant of planning permission for North Runway stipulated that "Prior to commencement of development, a scheme for the voluntary noise insulation of existing dwellings shall be submitted to and agreed in writing by the planning authority. The scheme shall include all dwellings predicted to fall within the contour of 63dB LAeq 16 hours within 12 months of the planned opening of the runway for use. The scheme shall include for a review every two years of the dwellings eligible for insulation".

The projected 2022 63dB LAeq 16 hours eligibility contour associated with North Runway's voluntary Residential Noise Insulation Scheme (RNIS) is indicated by the blue line on the map below. In establishing the Scheme, daa also undertook to have regard to the noise contour submitted to An Bord Pleanála in 2007 which encompasses a larger area and extends the insulation scheme to more homes (green line). As a result, over 40% more dwellings are eligible to benefit from that insulation scheme.

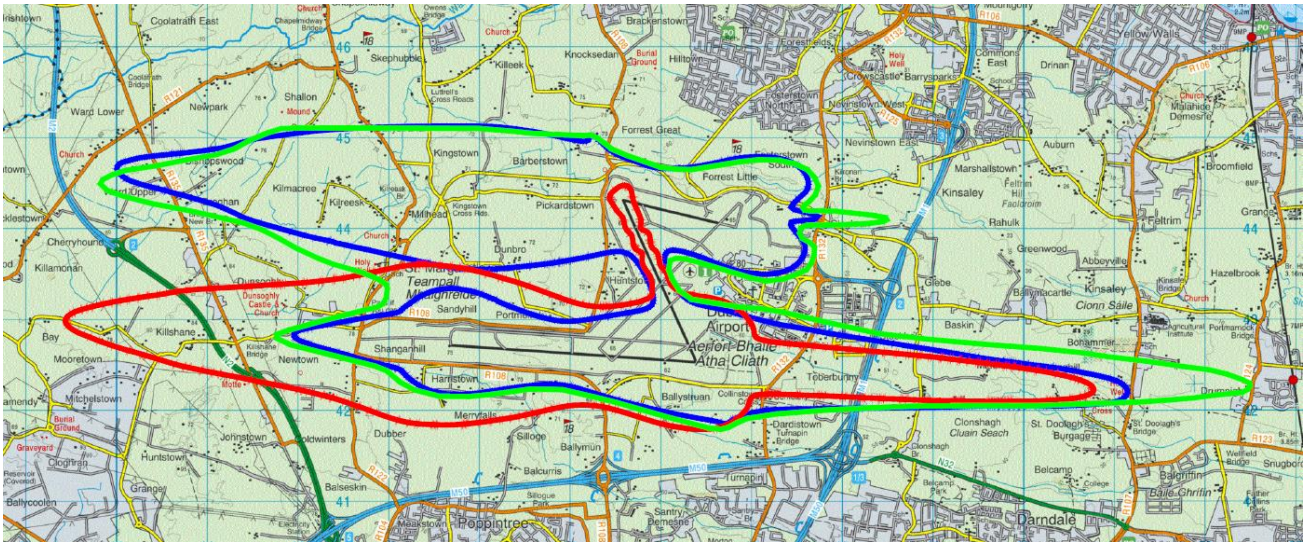
Following extensive engagement with and feedback from eligible residents, the draft Scheme was presented to Fingal County Council (FCC) and their independent consultants for review. The RNIS was approved in December 2016.

The main features of the RNIS include a survey of each participating dwelling with production of a Statement of Need which includes bespoke recommended insulation measures covering all or a combination of (a) acoustic double glazing, (b) acoustic ventilation, (c) attic insulation and (d) chimney capping. In addition, the Scheme specified that a 20% representative sample of dwellings would be selected and submitted to FCC, and acoustic monitoring would take place at these dwellings before and after works to demonstrate the effectiveness of the works. The 20% sample was submitted to FCC in July 2018 and approved. These dwellings will also be revisited on a biennial basis after North Runway opens to monitor continued effectiveness.

In 2017, Dublin Airport wished to implement a residential noise insulation scheme for those dwellings currently impacted at similar noise levels, but which were not eligible under the North Runway scheme because predicted levels in their areas would be lower when North Runway was operational. To this end, the Home Sound Insulation Programme (HSIP) was launched.

That Scheme afforded the same range of insulation measures available under RNIS to over 70 additional local houses (red line on map) which were previously insulated under an earlier insulation scheme associated with the opening of Runway 10/28, and those dwellings which were located in the 2016 63dB LAeq 16h contour.

Taking all programmes together means that over 200 local houses are eligible for free insulation.



Of those houses which were eligible under the RNIS, 64% are currently participating in the Scheme, with a further 17% opting to defer works until the biennial reviews (for various reasons including having recently undertaken insulation works themselves, timing of works unsuitable, purchase/sale of the property incomplete, legal title of house in dispute, awaiting result of planning application, etc., etc.). 17% of households did not participate because of ongoing legal action at the time, and their later request to extend the opt-in deadline could not be accommodated; they will, however, be considered again as part of the biennial reviews); 2% of households have been purchased by daa and did not require works.

Of those houses which were eligible under HSIP, 92% are currently participating in the Scheme, with the remainder either not responding to any engagement or opting not to participate.

Following an extensive tendering process which resulted in the appointment of the main contractor in 2019, works have steadily progressed in the intervening time. Notwithstanding the impact of Covid during which works had to be suspended in compliance with Government guidelines, the programmes are nearing completion with measures delivered at 142 houses, with the remainder to be delivered in the coming months.

Pre-works monitoring has been undertaken at all dwellings in the representative sample. Post-works monitoring has been completed at 10 of these dwellings, but the process was ceased due to Covid. Monitoring at the remaining houses will be completed in the coming weeks and months when restrictions and homeowner access permit.

Compliance  Effectiveness

### LU-6 Voluntary Dwelling Purchase Scheme

Condition 9 of An Bord Pleanála’s 2007 grant of planning permission for North Runway stipulated that “Prior to commencement of development, a scheme for the voluntary purchase of dwellings shall be submitted to and agreed in writing by the planning authority. The scheme shall include all dwellings predicted to fall within the contour of 69 dB LAeq 16 hours within twelve months of the planned opening of the runway for use. Prior to the commencement of operation of the runway, an offer of purchase in accordance with the agreed scheme shall have been made to all dwellings coming within the scope of the scheme and such offer shall remain open for a period of 12 months from the commencement of use of the runway”.

Houses located in the projected 2022 69dB LAeq 16h contour (red line on map below) are eligible to participate (5), and daa voluntarily extended the scheme to additional houses to honour prior commitments and which were located in earlier projections of that contour (33).



Following extensive engagement with and feedback from eligible residents and their advisors, the draft Scheme was presented to FCC and their independent consultants for review. The VDPS was approved in December 2016.

The scheme provides a 30% uplift on current market value, with no impact from North Runway, and offers very attractive allowances for stamp duty, legal and conveyancing costs, tax advice and moving costs.


Of the 38 properties which are eligible to participate in the VDPS, seven have opted to do so, which resulted in the acquisition of three thus far. The remaining dwellings will continue to be eligible to participate for three years after North Runway is operational or if the dwelling falls within the 69dB LAeq 16 hour contour as part of the biennial reviews.

Compliance  Effectiveness

### LU-7 Voluntary School Sound Insulation

Condition 6 of An Bord Pleanála’s 2007 grant of planning permission for North Runway stipulated that “Prior to commencement of development, a scheme for the voluntary noise insulation of schools shall be submitted to and agreed in writing by the planning authority (in consultation with the Department of Education and Science). The scheme shall include all schools and registered pre-schools predicted to fall within the contour of 60 dB LAeq 16 hours within twelve months of the planned opening of the runway to use and, in any event, shall include Saint Margaret’s School, Portmarnock Community School, Saint Nicholas of Myra, River Meade and Malahide Road schools. The scheme shall be designed and provided so as to ensure that maximum noise limits within the classrooms and school buildings generally shall not exceed 45 dB LAeq 8 hours (a typical school day). A system monitoring the effectiveness of the operation of the scheme for each school shall be agreed with the planning authority and the results of such monitoring shall be made available to the public by the planning authority”.



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|---------------------------------------|--|---|
| <b>Those within the Noise Contour</b> | <b>Those named by An Bord Pleanála</b>         |  <b>60dB contour</b> |
| <b>A</b> Little Moo Moo's Pre School  | <b>D</b> Mary Queen of Ireland N.S, Rivermeade |   |
| <b>B</b> St. Margaret's N.S           | <b>E</b> Portmarnock Community School          |   |
| <b>C</b> Nzone crèche and Pre School  | <b>F</b> Saint Nicholas of Myra                |   |

Following consultation with the six listed schools, acoustic testing was undertaken at each which determined that two of the schools (Portmarnock Community School and Mary Queen of Ireland National School) did not exceed the 45dB threshold and thus no works were required at these schools.

Of the four remaining eligible schools, three (Little Moo Moo's Pre-School, St. Margaret's National School and St. Nicholas of Myra National School) opted to have the recommended insulation measures installed, and these works were undertaken during 2020 and 2021. Post-works monitoring at these schools is being undertaken in August 2021. Nzone Creche and Pre-School did not wish to have any of the proposed insulation options installed, but they will be considered again as part of the biennial reviews after North Runway is operational.

Compliance  Effectiveness 