

# Luton Airport Expansion Consultation

**CLAIM 1** 78% increase in passenger numbers (mppa)  
48% increase in air traffic movements (ATMs)

**Assumption** Airlines will operate slightly larger planes at higher load factors than currently (i.e. more passengers per flight).

If that assumption is not realised; 78% increase in mppa = 78% increase in ATMs

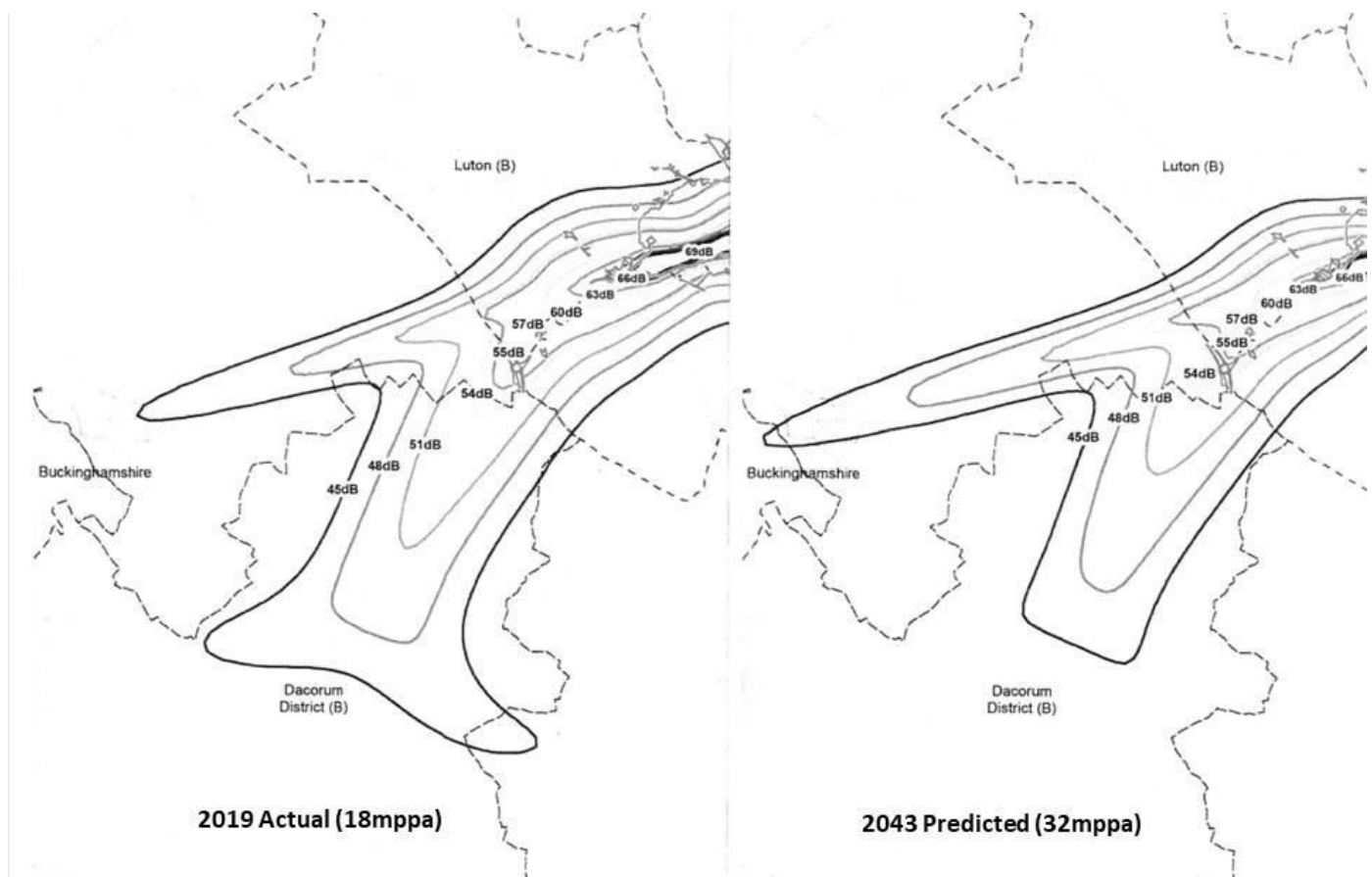
**Recommendation** - There needs to be a limit on the number of ATMs as well as the number of passengers

**CLAIM 2** Reduction in the population and area covered by the relevant noise contours due to the newer aircraft being quieter..

**Assumption** The noise improvements predicted for the newer generation aircraft will more than offset the additional ATMs.

## Facts

1. The measured noise reductions for the newer aircraft (Airbus NEO and Boeing Max8) are not being fully realised.
2. Even if the improvements are fully realised, the improvements are principally on take-off (departure) not arrival. This will change the shape of the noise contours resulting in an extension of the extremities along the final approach flight paths (see example below).



**Recommendation** - There must be no extension of any of the existing noise contour boundaries