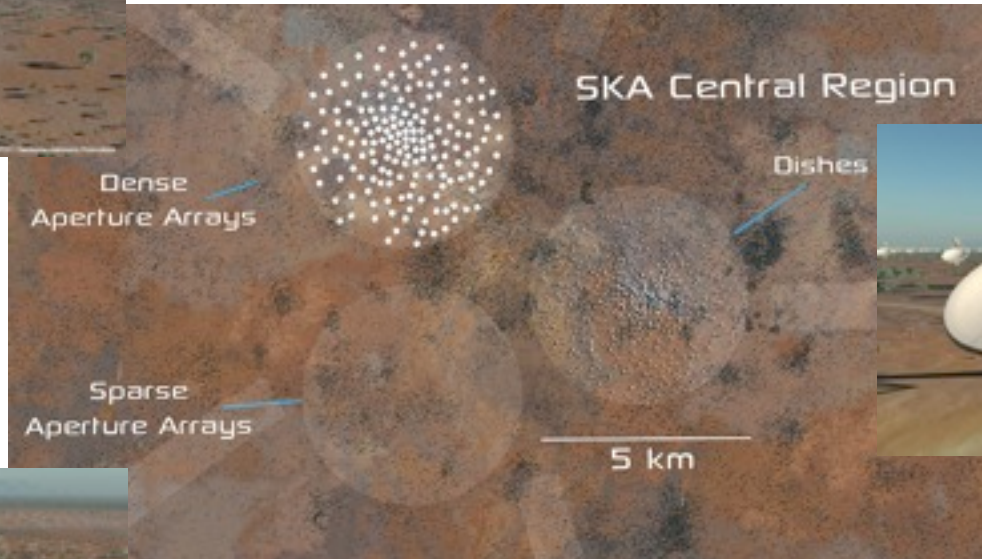


# SKA Reference Design - overview



Dense phased array



Sparse phased array



Dishes

# SKA Reference Design – dense aperture arrays

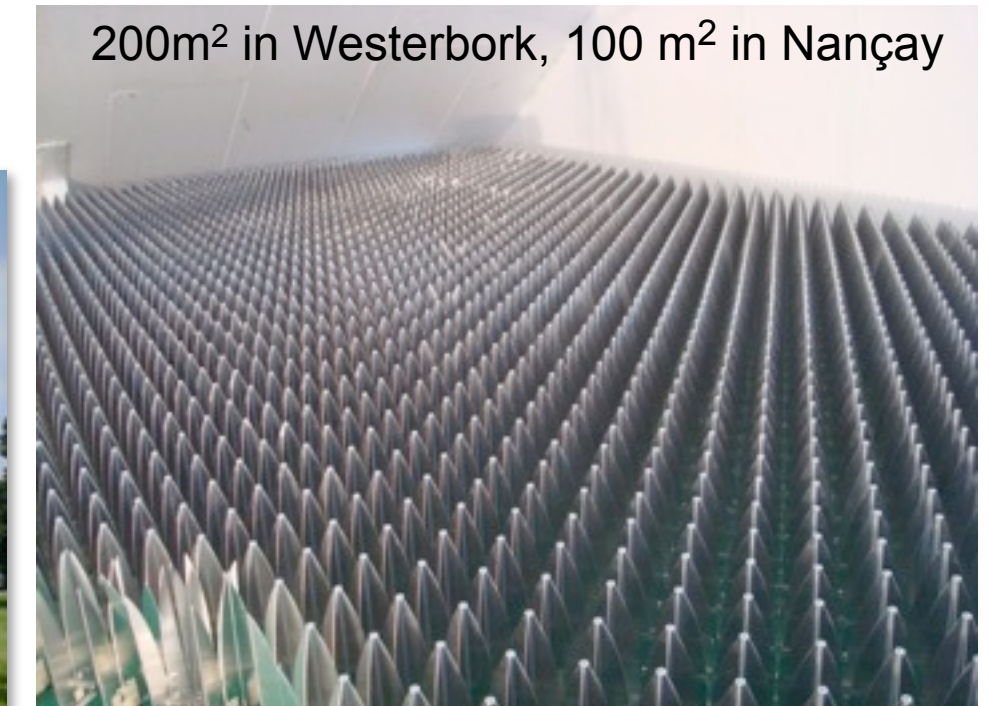
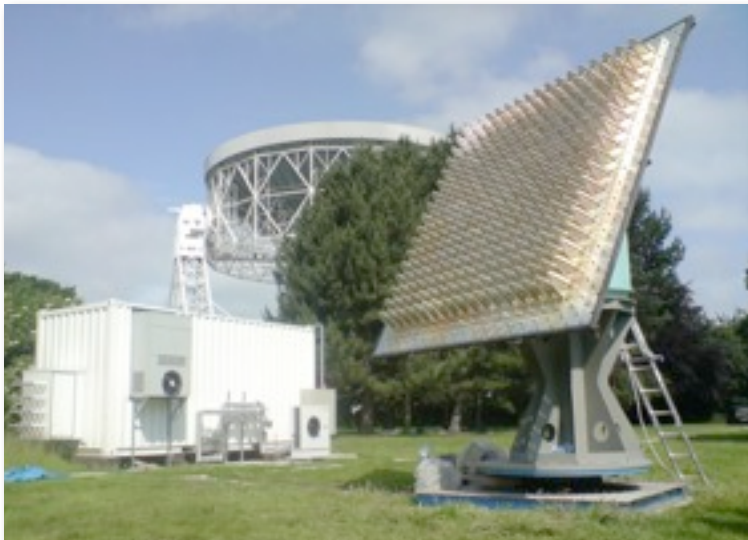


# Dense aperture arrays – European efforts: SKADS



2005-2009  
EU FP6 38/11 M€

200m<sup>2</sup> in Westerbork, 100 m<sup>2</sup> in Nançay



# Aperture Array Verification Programme

17M€; 9 EU countries + AUS,SA ; 2009-2012

