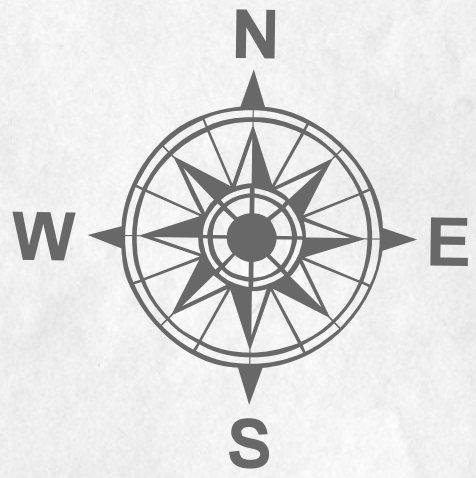
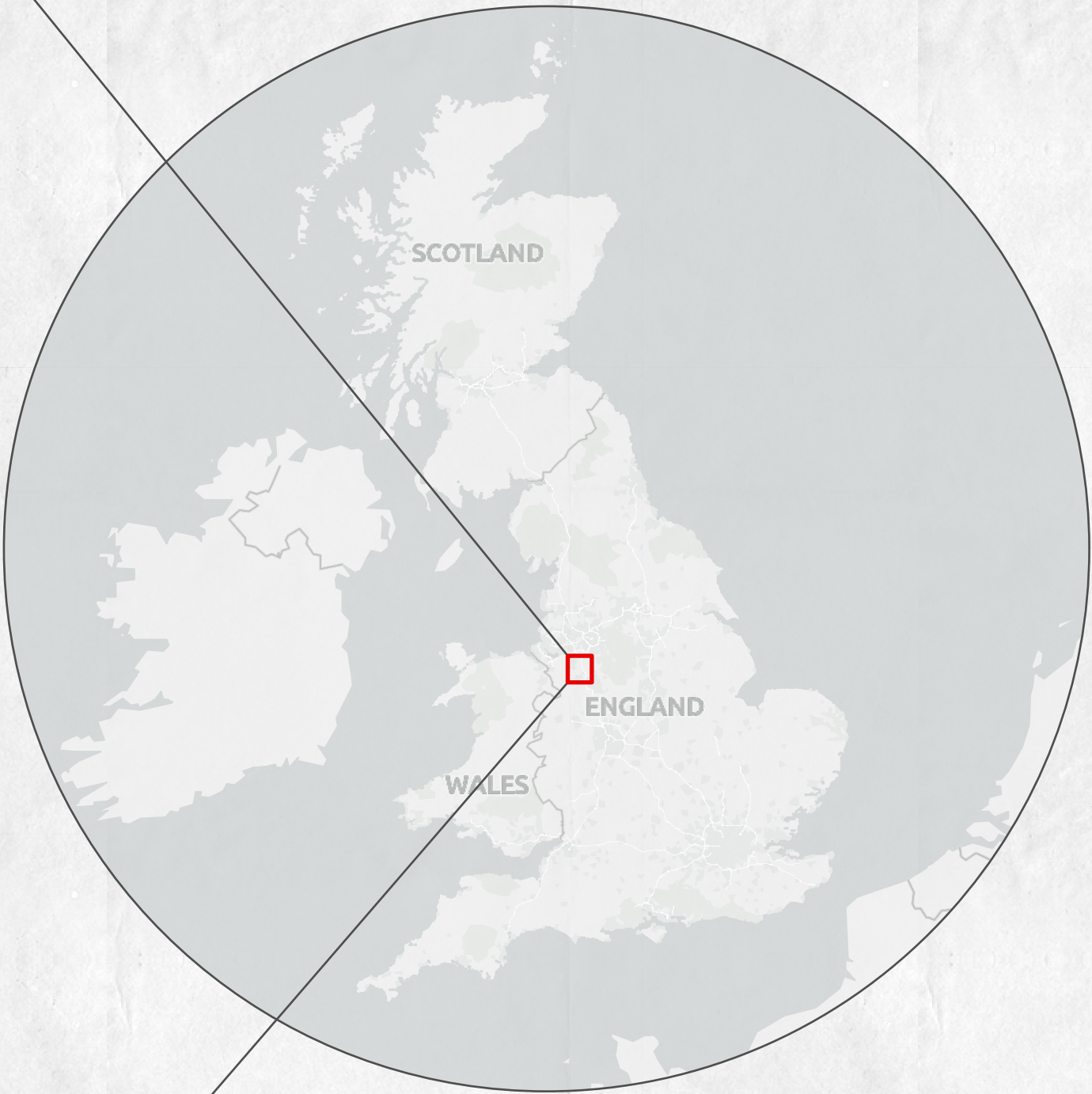
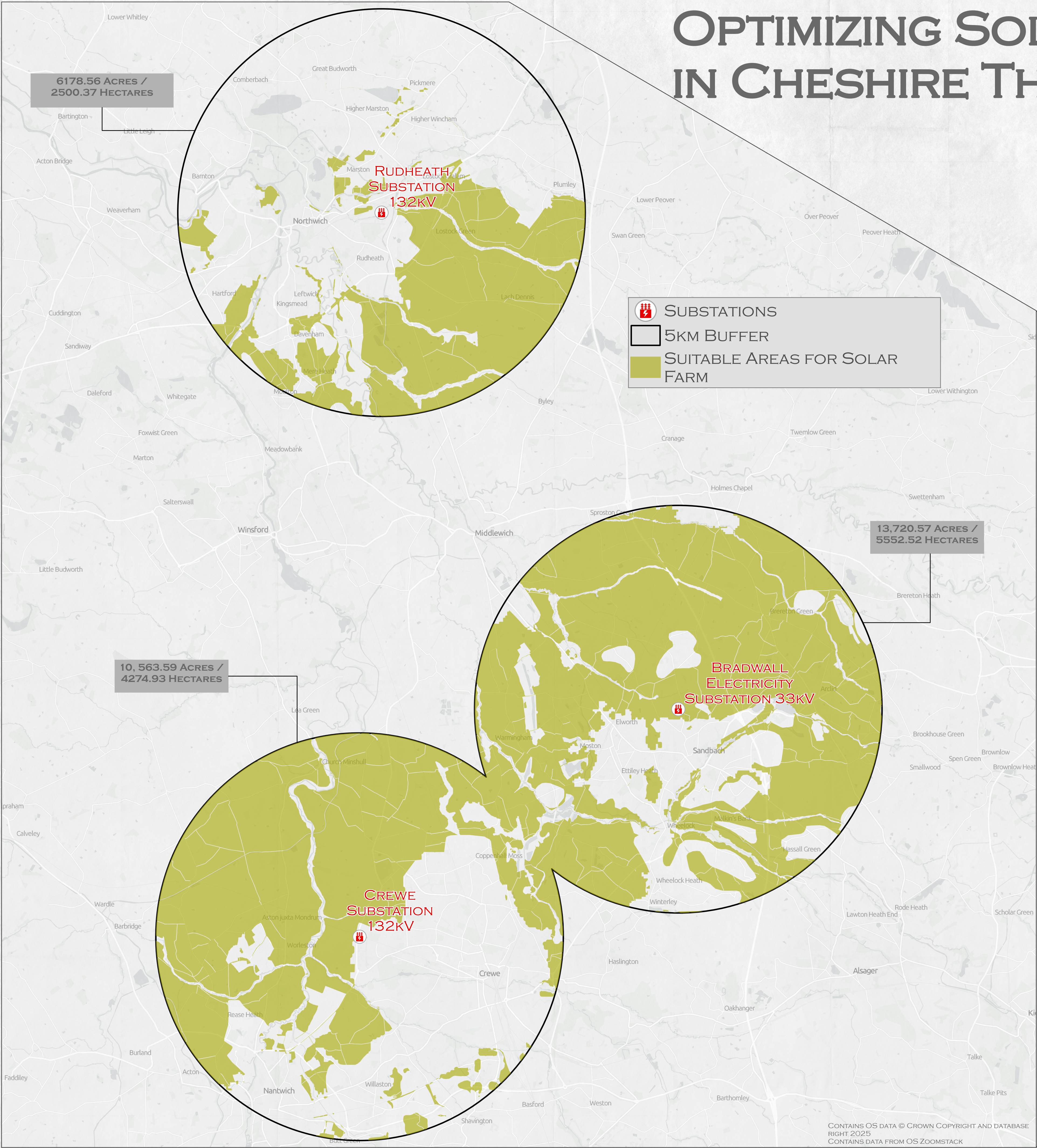


# OPTIMIZING SOLAR FARM SITE SELECTION IN CHESHIRE THROUGH GIS ANALYSIS

TO REFINE THE SITE SELECTION, A 5KM BUFFER ZONE WAS APPLIED AROUND EACH SUBSTATION. THIS HELPS IDENTIFY LAND THAT IS OPTIMALLY LOCATED FOR GRID CONNECTIVITY WHILE ENSURING EFFICIENT ENERGY TRANSMISSION.

TOTAL SUITABLE AREA FOR SOLAR DEVELOPMENT -  
ACREAGE: 30,462.72 ACRES  
HECTARES: 12,327.82 HECTARES

THIS ANALYSIS HELPS PINPOINT OPTIMAL LOCATIONS FOR RENEWABLE ENERGY PROJECTS BY CONSIDERING ACCESSIBILITY TO SUBSTATIONS AND TRANSMISSION INFRASTRUCTURE.



SCALE: 1:50,000

0 1.25 2.5 5 KILOMETERS

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