NW 57.1467522, -2.1083665

SE 57.1446918, -2.0961249

500x500

500mx500m

1 Latie - 0.1142935044

1 Longie - -0.004216733

0.1140653736526946

double lat1 = 57.1467522;

double lat2 = 57.1446918

double lon1 = -2.1083665;

double lon2 = -2.0961249;

function measure(lat1, lon1, lat2, lon2){ // generally used geo measurement function

var R = 6378.137; // Radius of earth in KM

var dLat = (lat2 - lat1) \* Math.PI / 180;

var dLon = (lon2 - lon1) \* Math.PI / 180;

var a = Math.sin(dLat/2) \* Math.sin(dLat/2) +

Math.cos(lat1 \* Math.PI / 180) \* Math.cos(lat2 \* Math.PI / 180) \*

Math.sin(dLon/2) \* Math.sin(dLon/2);

var c = 2 \* Math.atan2(Math.sqrt(a), Math.sqrt(1-a));

var d = R \* c;

return d \* 1000; // meters

}