

Agri Tracker - Site Pre-Assessment Checklist

For agrivoltaic tracker projects combining farming and solar power on the same land

Completing this checklist before our call lets us prepare a preliminary design with a suitable clearance height, row spacing and control strategy much faster. Leave any field you do not know blank. Attach the completed form to the “Agri Tracker” enquiry form on tracker.btrenerji.com/en/ or send it by e-mail.

1. Project and contact

☐ Project / farm name	Answer / note
☐ Location (region, town; coordinates or parcel number if available)	Answer / note
☐ Total land area (hectares)	Answer / note
☐ Title status and land class (if known)	Answer / note
☐ Contact person, phone, e-mail	Answer / note

2. Agricultural use

☐ Current and planned crop(s); is there a rotation?	Answer / note
☐ Crop tolerance of partial shade / light demand (if known)	Answer / note
☐ Critical stages (germination, flowering, harvest) – months	Answer / note
☐ Livestock: species (sheep / cattle) and number of animals	Answer / note
☐ Irrigation system (drip / sprinkler / pivot / none)	Answer / note
☐ Existing hail nets, greenhouses, fences or fixed installations	Answer / note

3. Machinery access

☐ Machines used (tractor, sprayer, harvester, etc.)	Answer / note
☐ Working width of the widest machine (m)	Answer / note
☐ Height of the tallest machine (m)	Answer / note
☐ Turning / headland space needed at row ends (m)	Answer / note
☐ Tillage depth (cm)	Answer / note

4. Land and soil

☐ Slope and orientation (north-south / east-west)	Answer / note
☐ Topographic survey available? (GeoTIFF / DXF / CSV – can be uploaded to the simulator)	Answer / note
☐ Geotechnical study, rock level, groundwater information	Answer / note
☐ Flooding, drainage or erosion issues	Answer / note
☐ Obstacles blocking the sun (hills, tree lines, buildings, power poles)	Answer / note

5. Energy and grid

☐ Target installed capacity (kWp / MWp) or area available	Answer / note
☐ Self-consumption or grid export?	Answer / note
☐ Distance to grid connection point / substation	Answer / note
☐ Annual electricity consumption and tariff (if any)	Answer / note

6. Permitting

☐ Agricultural land conversion / related permit status	Answer / note
☐ Environmental assessment, zoning and other permits	Answer / note
☐ Ownership structure (partnership, cooperative, tenant farmer)	Answer / note

7. Design preferences

☐ Farming under the modules (clear height ≥ 2.1 m) or between rows?	Answer / note
☐ Periods and hours when light priority is required	Answer / note
☐ Times when modules should turn steep for machinery passes	Answer / note
☐ Budget / target payback period	Answer / note