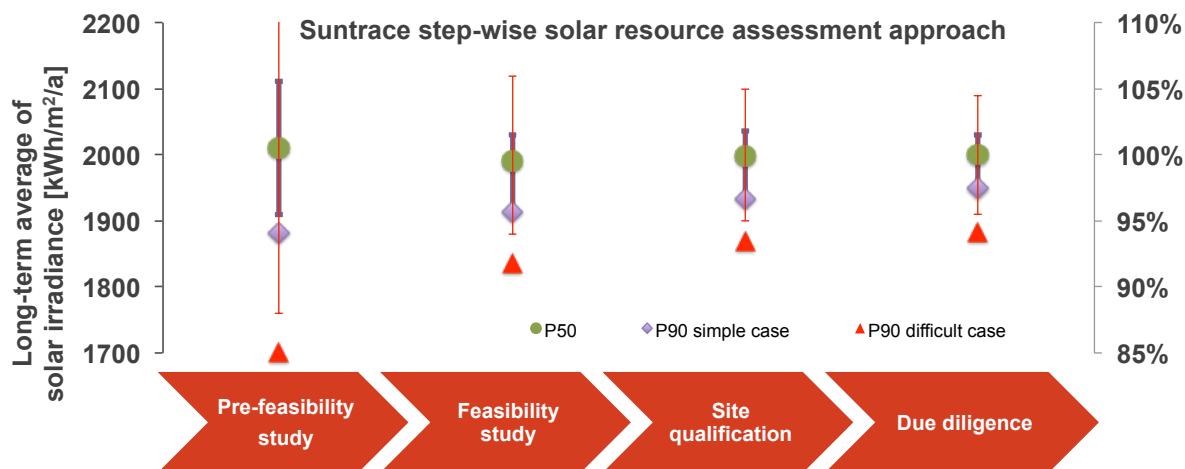


Overview of Solar Resource Assessment Services



Multiple satellite sources	Long-term time series	+	Ground measurements	Assessment with risk analysis
Initial Solar Resource Analysis	Full Solar Resource Assessment			Bankable Expert Opinion

Type of Solar Resource Assessment	Initial Solar Resource Analysis	Full Solar Resource Assessment	Bankable Expert Opinion
Analysis based on multiple satellite-derived datasets	✓	-	-
Detailed multi-satellite-model assessment	-	-	○
Long-term annual and monthly average (P50 value)	✓	✓	✓
Uncertainty estimate related to long-term annual average (P50 value)	✓	✓	✓
Quality Control of site-specific ground-measured data (if available)	-	(✓)	✓
Analysis of long-term satellite-derived solar radiation dataset, ≤ 60 min time resolution over ≥15 years	-	✓	✓
Comparison & adaption of satellite-derived solar radiation to ground-based measurements (if available)	-	(✓)	✓
Inter-annual variability	-	✓	✓
Frequency distribution of solar radiation data	-	✓	✓
Annual averages of multiple years	-	✓	✓
Multiple year hourly time series based on satellite data adapted to ground-based measurements	-	✓	✓
Time-series products in higher time resolution (1 min – 15 min)	-	○	○
Typical Meteorological Year (TMY) representing P50 case in 60 min (1 min - 15 min time resolution on request)	○	✓	✓
P90 Meteorological Year in 60 min resolution related to multiyear uncertainty (single-year uncertainty P90, additional PXY or higher time resolution on request)	○	○	✓
Report length in pages	≥ 4	≥ 20	≥ 50
Number of datasets	≥ 1	≥ 2	≥ 4

✓ regularly included ○ option