

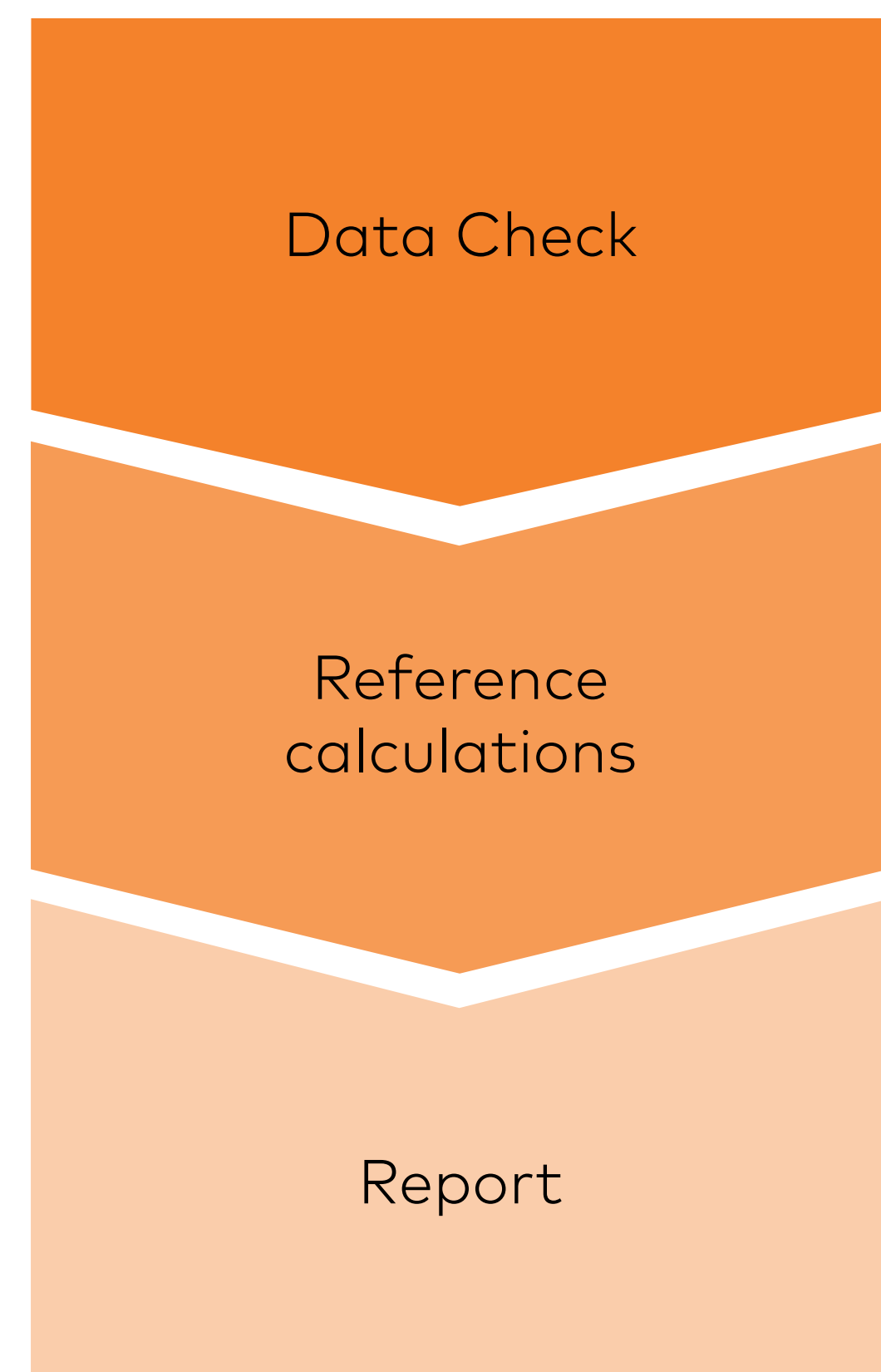
We check PV Tracker systems  
for securing project investment  
and cost optimization



## What are the benefits of our tracker review?

- ➊ A tracker review by sbp sonne avoids costly failures, delays and costs from redesign, repair and reconstruction.
- ➋ Incorporating sbp sonne' experience and expertise to review the structural integrity of a system will generate a safe structure.
- ➌ sbp sonne is an expert at analyzing complex structural systems and aerodynamics. We help you to improve technology reliability.
- ➍ Through checking of loads based on static pressures coefficients and dynamic response factors, key performance can be safeguarded under critical load conditions.

## How we review your tracker



- Review of manufacturer's design documentation for quality and comprehensiveness
- Compliance-Check: codes and specifications
- Check of third-party reports, i.e. site-specific Wind Climate Studies, Wind Tunnel Testing and geotechnical surveys
- Statistical extreme wind analysis
- Processing and adaption of wind tunnel data
- Structural Analysis / Modelling for static and dynamic loadings
- Advanced plausibility checks, detail checking
- Reporting, comment-tracking and feedback loops with all associated parties
- Optional: review structures on-site / prototypes
- Optional: check assembly & erection methods
- Advanced: **Root-Cause Analysis** of PV-Tracker structural/mechanical failures

## Selected References

sbp sonne is listed as approved third-party reviewer for leading developers, such as **ACWA Power**, **Total Energies** and **Statkraft**. We conducted review services for more than 50 GW of tracker projects worldwide.

### Middle East

**2025**  
**PIF-6 (13,500 MW), KSA**  
 Humaij, Khulis, Bisha, Afif-1/2  
 Review of various 1P PV tracker solutions

**2024**  
**PIF-4 (5,500 MW), KSA**  
 Khushaybi, Muhway, Haden  
 Review of various 1P PV tracker solutions

**2023**  
**ASB 2, (2,000 MW), KSA**  
 Review of **Arctech** 1P PV tracker

**2021**  
**DEWA V (900 MW), Dubai**  
 Review of **NEXTracker** 1P PV tracker

**2019**  
**Ibri NEXTracker (600 MW), Oman**  
 Review of **NEXTracker** 1P PV tracker

**2018**  
**Mafraq Tracker (50 MW), Jordan**  
 Consulting ACWA Power to rebuild the Mafraq PV tracker solar field

### Asia-Pacific

**2025**  
**Samarkand 1/2 (1,200 MW), Uzbekistan**  
 Review of GameChange Solar / Trina 1P PV tracker

**2023**  
**Tashkent Riverside (240 MW), Uzbekistan**  
 Review of Arctech 1P PV tracker

**2018**  
**Mahindra Tracker, India**  
 Review of Mahindra Susten 1P PV tracker

### Africa

**2018**  
**Benban / KomOmbo (160+200 MW), Egypt**  
 Review of **PV Hardware** 3L/1P tracker

### Europe

**2025**  
**San Pedro de Pinatar (50 MW), Spain**  
 Review of **PV Hardware** 2P PV tracker

**2024**  
**Dehesa Nueva del Rey (50 MW), Spain**  
 Review of **Array** 1P PV tracker

**2020**  
**PVHardware Tracker for CHINT (48.5 MW), Portugal**  
 Review of **PV Hardware** 1P PV tracker

**2019**  
**Talayuela Soltec Tracker (300 MW), Spain**  
 Review of **Soltec** 2P PV tracker



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