

Leading Standardization Efforts in solar O&M

SolarPower Summit O&M Round Table Debate

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OVERVIEW

1. **Introduction** – Thoughts on the importance of best practices and standardization
2. **What We Do** in SolarPower Europe's O&M Task Force
 - a) Best Practices Guidelines
 - b) O&M Template Contract
 - c) Dissemination
3. **The Way Forward? – Round Table Debate**

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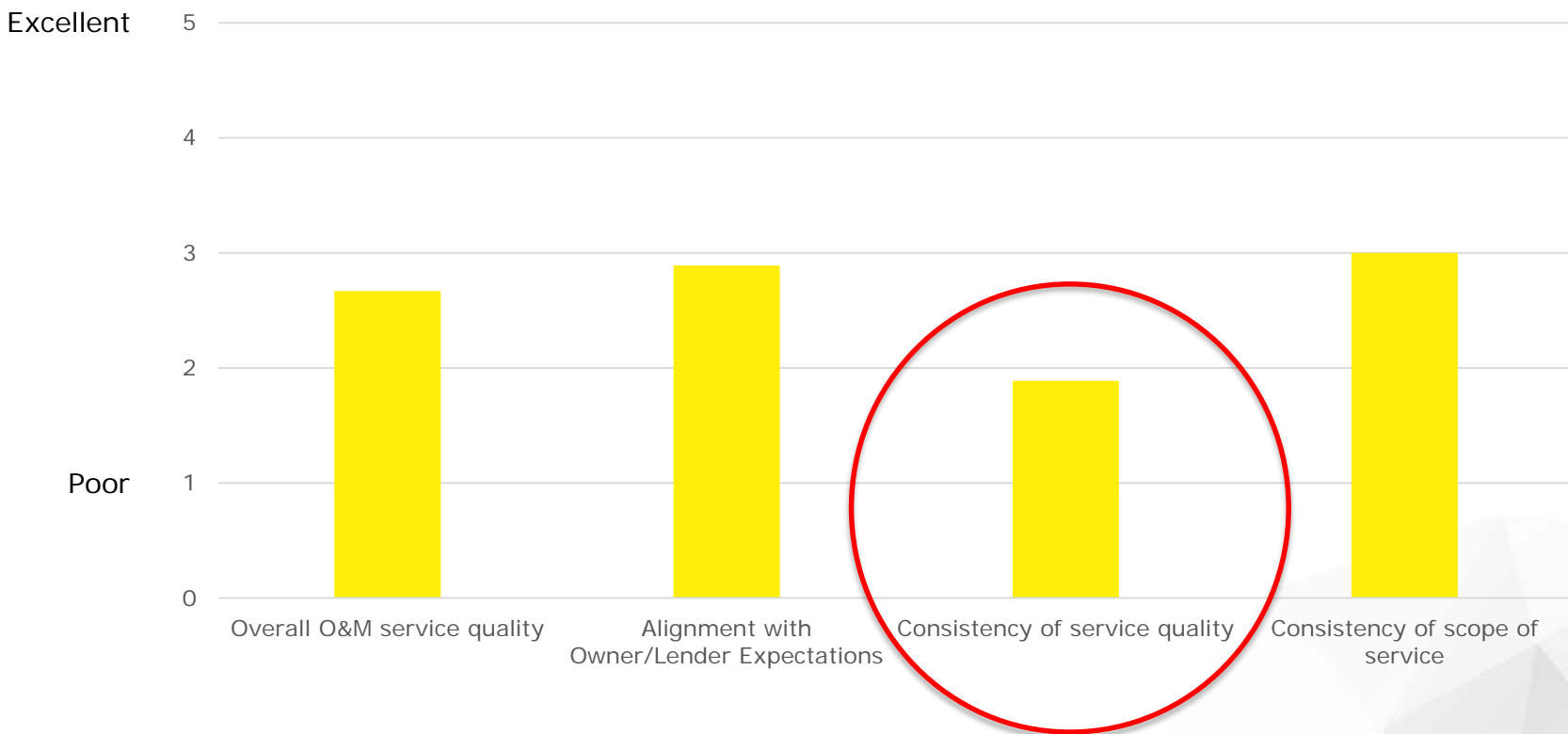
INTRODUCTION

Thoughts on the importance of best practices and standardization

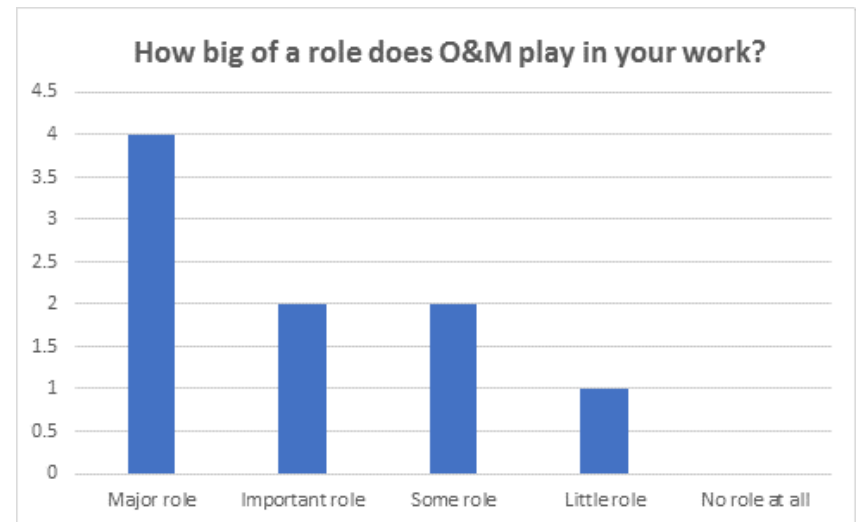
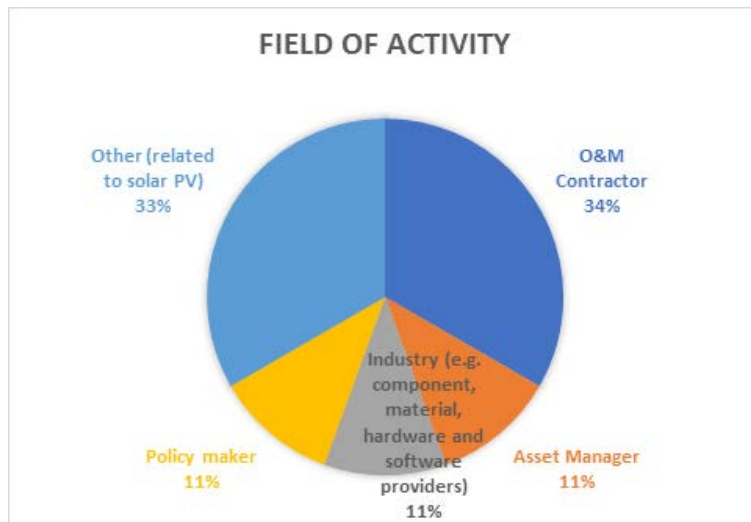
- Low overall O&M quality
- O&M importance acknowledged by all stakeholders
- Standardization is key to maturation of industry

1. Introduction

Why we need the Best Practices Guidelines – Preliminary Results from the Online Survey



1. Introduction



2a

O&M Best Practices Guidelines



2a. O&M Best Practices Guidelines

- Version 1.0 published in July 2016
- Very positive feedback
 - Two thirds of survey respondents have heard about the Guidelines, there is room for improvement via further dissemination
 - Survey respondents find it „very useful“ (4.0/5)
 - Survey respondents have used it to improve O&M services, contracts, consulting services
- Version 2.0 to be published by Q3 or Q4 of 2017
 - **Improvement** of existing chapters
 - **Broadening and deepening the scope** of the document: technical asset management
 - **Template contract**

2b

O&M Template Contract

In cooperation with TWI and IRENA as part of the Solar Energy Standardization Initiative (SESI)



2b. O&M Template Contract

- June 2016: launching of the **Solar Energy Standardization Initiative (SESI)** by TWI and IRENA
 - The SESI brings together public and private stakeholders, including international law firms and industry associations, aiming at standardizing contracts to streamline the global development and finance of solar projects
- 8 workstreams, **O&M workstream chaired by SolarPower Europe**
- The objective of the O&M workstream is to elaborate an O&M template contract by Q3 2017

2c

Dissemination

- Dissemination
- Awareness
- Adoption

2c. Dissemination

- Interviews on best practices and standardization in solar O&M
- Round tables and presentations at international conferences
- Launching Version 2.0 of the Best Practices Guidelines in Q3 or Q4 at a major conference in Europe
- Dissemination of O&M best practices in emerging markets: looking at India and Africa
- SolarPower Europe Best Practices Badge



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The Way Forward?

SolarPower Europe is leading solar O&M standardization efforts in Europe

- Drive engagement in the Best Practices Task Force and Standardization Workstream
- Increase activities efficiency
- Attract new members

Round Table Debate

- Improving the Best Practices Guidelines towards version 2.0
- Dissemination support by members and non-members
- Measurable results of efforts
- Regular reviews and publication thereof
- Integration of input from all stakeholders, especially Asset Owners
- Emerging markets importance and the role of the Task Force and SolarPower Europe
- Collaboration with other institutions and associations (solar associations in other countries, Wind Association)

Proposal for the „12th SolarPower Summit Conclusions“ on O&M

The participants:

- Recall that Operations and Maintenance (O&M) has become a standalone industry that is seen as a critical component in the solar energy value chain.
- Welcome the Best Practices Guidelines developed under the umbrella of SolarPower Europe and calls on the industry stakeholders - both in Europe and globally - to make use of these best practices to increase the bankability and rate of returns of solar investments.
- **Strongly support the on-going initiative of SolarPower Europe to develop standardised contracts for the provision of O&M in cooperation with IRENA and the Terawatt Initiative.**

Download this presentation at:

www.solarpowereurope.org

www.alectris.com

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