



# **International Distribution Asset Management Study (IDAMS)**

Improving The Effectiveness of Your Asset Management

Program Overview IDAMS 2018

September 2017

# Summary IDAMS 2018 (New)

The **International Distribution Asset Management Study** (IDAMS) is a study of Asset Management as a management discipline, and places **measures on the key areas needed to perform Value-based Asset Management**.

Former participants indicate that Value-based Asset Management enhances your decision making and could result in up to 20% savings on OPEX/CAPEX.

IDAMS is tailored for Distribution System Operators and:

- Shows how value-based asset management is implemented and how effective it is compared to peers.
- Allows you to demonstrate, when best in class, there are no known improvements that have not already been implemented (excellent according to ISO 55001).
- Sets your management agenda on hard data, indicates where there is room for improvement and where you are “best practice”.
- Is inspirational by sharing and discussing best practices with your peers, and guidance by an independent expert (UMS).

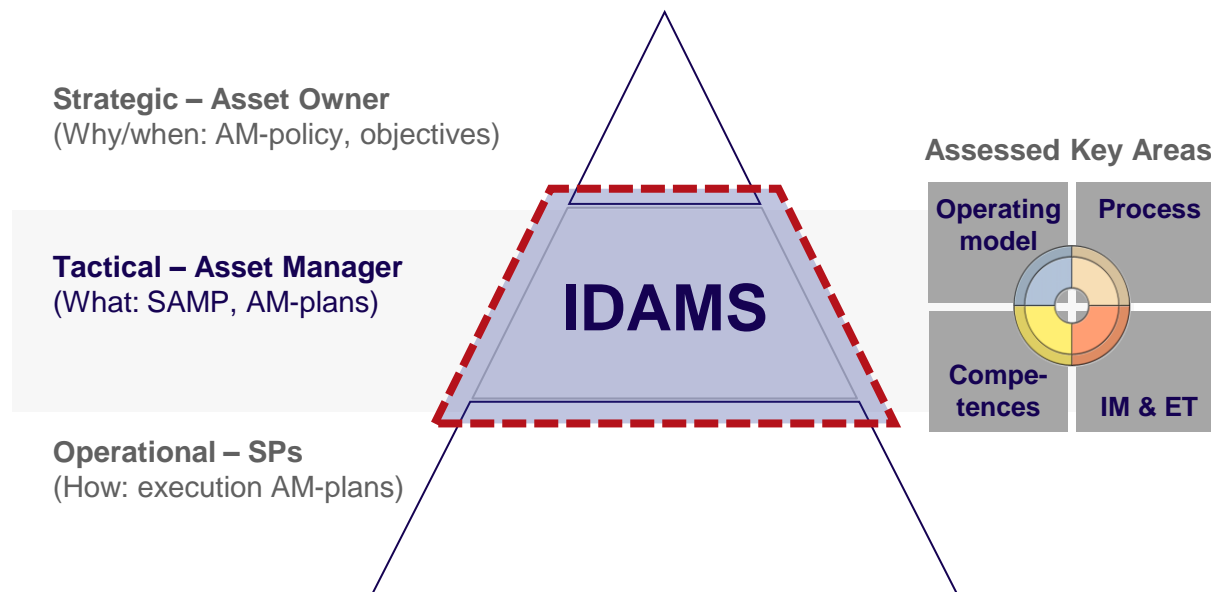
UMS is scheduling a new cycle for IDAMS, as a follow-up on the very successful past cycles (2012 - 2016). Data collection will start in Q2 - 2018 and the Final Reports be delivered in Q4 – 2018.

Program costs are **€ 39000**. Additional costs such as UMS travel expense and the costs associated with conducting the results conference will be **€ 2500** per participant.

# IDAMS - Introduction

The **International Distribution Asset Management Study (IDAMS)** is a multi-company initiative, that creates insights into leading practices for improving the effectiveness of Asset Management and is aligned to ISO 55001. IDAMS has been set up as a learning consortium guided by an Executive Advisory Board comprised of participants and is performed every two years. A cycle ends with a results/best practices conference designed for sharing knowledge and addressing opportunities and improvement initiatives.

The IDAMS program focuses on the tactical level of Asset Management and is zooming in on four key-areas: Operating Model, Process, Competences, and Information Management & Enabling Technology.



## IDAMS:

- Benchmarks the **maturity, alignment** and **completeness** of your AM-system and practices against peers.
- Shows the **effectiveness** of your asset management.
- Shows how (well) your **asset management is performed, organized** and **supported**, and allows you to learn from the best practices.
- Covers quantitative, specific and practically applicable elements, **complementary to ISO 55001**.

During the last cycle of IDAMS (2016) the following practices were highlighted:

- Approaching the alignment of risks and opportunities (Stromnetz Hamburg)
- Implementing a large scale IT project with regard to Asset Management (EDP Distribuicao)
- Plan-Do-Check-Act cycle for aligning strategic and tactical AM views (Stedin Netbeheer)
- How SAMP became a powerful management instrument over the years (Enexis)
- Envisioning of DataDriven Asset Management (Alliander)
- Developing a risk matrix out of company's stakeholder requirements (MitNetz - Strom)
- Creating a stronger Asset Owner role (Stromnetz Berlin)
- The interface between Asset Management and Asset Service: a success factor (Helen)
- IT supported Asset Register and Life Cycle Management (Netz Oberösterreich)

Latest developments and trends were placed in context while discussing the following topics:

- Risk Management from an international perspective.
- Data driven asset management. Is there a business case?
- The real value added by Asset Management.

## **In IDAMS 2018 extra emphasis will be put on:**

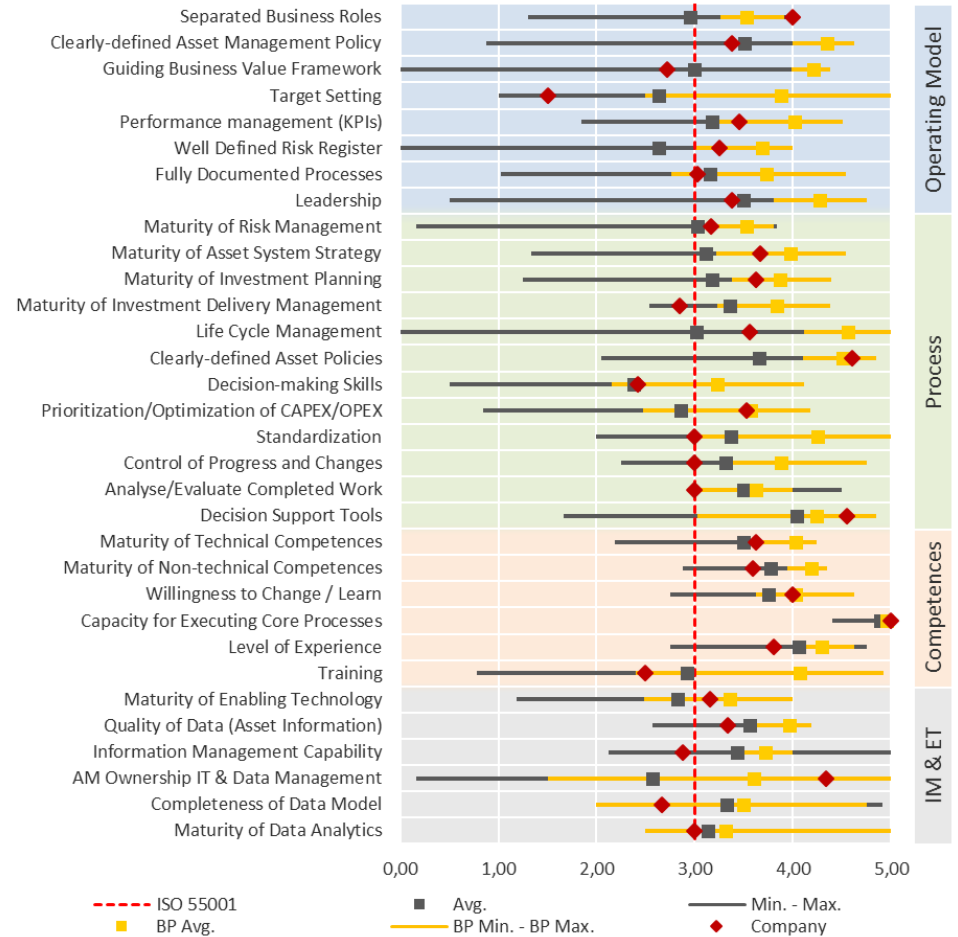
- Data driven Asset Management
- Performance management
- Competences
- Continual improvement
- Reducing data entries (e.g. copying data from earlier runs)

# IDAMS Results

In order to serve as a program that enables Asset Managers to better understand their organization, obtain hard facts for the support of improvements, and facilitate knowledge sharing, the results of IDTAMS are presented in three ways:

- 1 Executive Summary**  
 Evaluation of participants' Asset Management covering strengths, weaknesses, and recommendations.
- 2 Analysis**  
 +/- 200 pages of in-depth analysis, providing facts and figures that support the findings.
- 3 Peer-to-Peer**  
 Results/best practices conference designed for sharing knowledge and addressing opportunities and improvement initiatives.

## High Level Presentation of Results



\* The BP-scores are referring to the results of the four overall best performing companies!

# Main Assessed Elements

The following elements are assessed, analyzed, compared and reported:

## General

- Ownership
- Major key figures
- KPI targets and scores
- Major projects performed and planned
- R&D

## Operating model

- Business roles (AO,AM, SP)
- Organizational structure (e.g. FTEs and costs)
- Asset Management policy
- Stakeholder importance
- Business Value Framework
- Performance management (KPIs)
- Asset Management objectives
- Risk management
- Level and quality of documentation
- Leadership
- Continual improvement
- Added value of Asset Management

## Process

- Maturity of sub-processes: Risk Management, Asset Strategy, Investment Planning, Investment Delivery
- FTEs per sub-process
- Output per sub-process
- Life cycle management
- Asset strategies & functional policies
- Decision making skills
- Optimization/prioritization
- Standardization
- Conformity with terms of delivery
- Analyze/evaluation of completed work

## Key Figures

- System size
- Customer mix
- Network characteristics (circuit length, no. of transformers, global condition of assets, etc.)
- Type of regulation
- Financials (OPEX, CAPEX)
- Performance (SAIDI, LTIF, etc.)

## Competences

- Maturity of technical competences
- Maturity of non-technical competences
- Willingness to change and learn
- Capacity for executing core processes
- Level of experience
- Education/training
- Employee appraisal
- Budget and time for training and education

## IM & ET

- Maturity of enabling technology/IT-systems
- Quality and completeness of data
- Data model
- Information Management capability
- AM ownership of IT and data
- Maturity of data analytics
- Applied IT-tools



# IDAMS Participants over the years



## Learnings/Insights

- Validation of current path
- Equal challenges for all peers
- Insight into practices of front runners
- Resulted in insight into improvement road map

## Program Conference

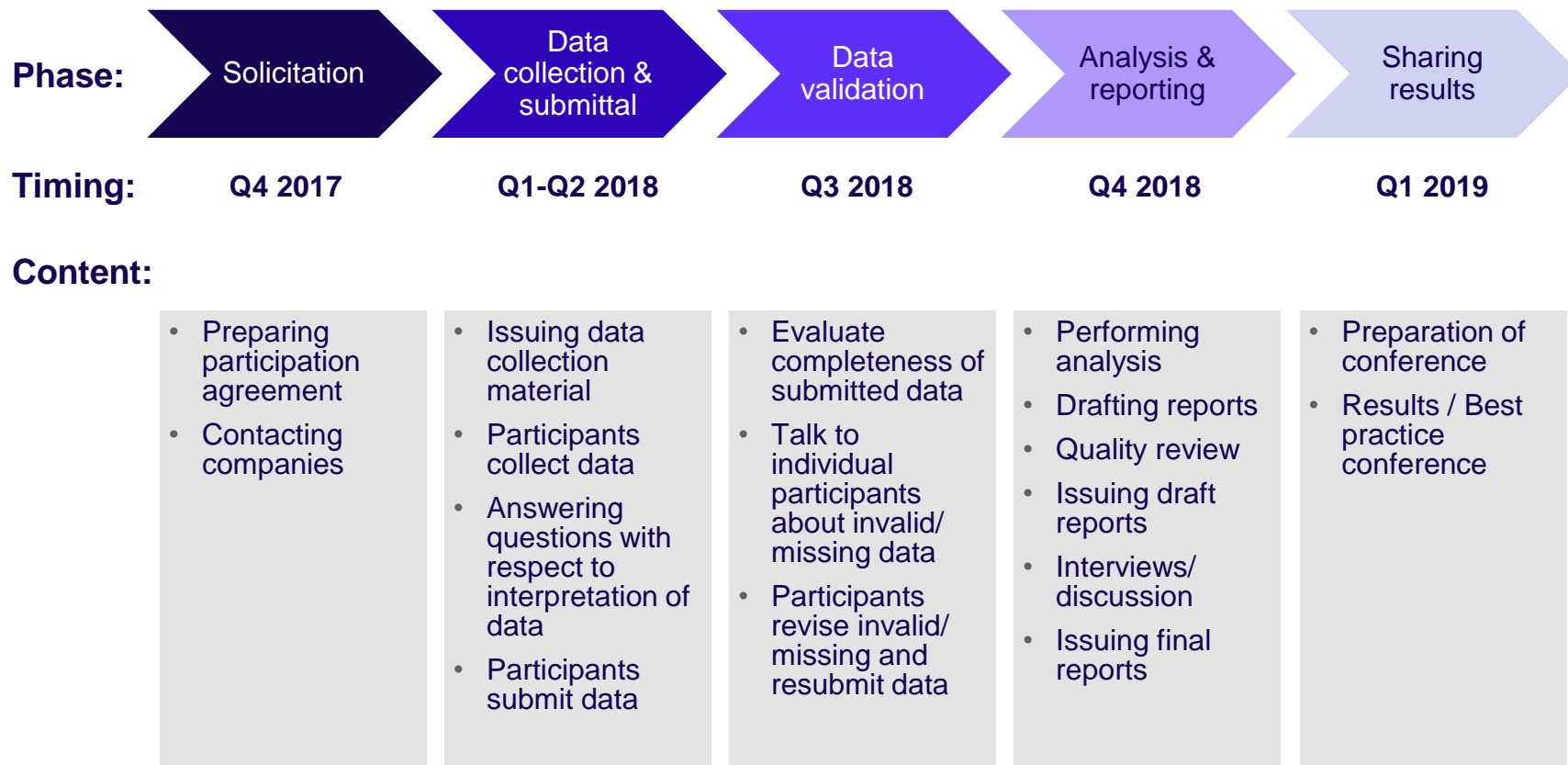
- Excellent content of the program
- Balanced mix of participant practices and UMS point of view
- Strong link between benchmark and conference topics; well-chosen topics

## Conference

- It was great
- It has been inspiring
- Very open atmosphere
- Great learning

IDAMS is guided towards the major priorities and emerging issues for the industry by an **Executive Advisory Board** comprised of participants. The Advisory Board for IDAMS consists of four members representing respectively regional specifics in terms of Regulation, Approach, and Maturity.

# Schedule IDAMS 2018





# Pricing of IDAMS 2018

## The cost of IDAMS 2018

- Program fee for new participants: € 39,000 (fixed fee). Past participants receive a discount of 16%. A higher discount (max. 25%) will be offered when participants sign up for more than one future cycle (incl. IDAMS 2018).
- Fee for direct expenses to cover additional costs such as UMS travel expense and the costs associated with conducting the results conference: € 2,500 (fixed fee).

## Additional Services

- Optional data collection support by UMS personnel
- Optional on-site result workshops
- Optional analysis and reports (e.g. ISO 55001 gap analyze)

If you are interested in the IDAMS program or want to join IDAMS 2018 please contact Mike Mischkalla-Schoen at [mmischkalla-schoen@umsgroup.com](mailto:mmischkalla-schoen@umsgroup.com) or +491729723424.

More information about the IDAMS Program and UMS Group can be found on [www.umsgroup.com](http://www.umsgroup.com). Here you can also download the e-book published with regards to the IDAMS 2016.

## UMS *group*

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