



DDV i internationale samarbejder om asset management



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21/2/2014

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EFNMS - what does it stand for?

The European Federation of National Maintenance Societies (EFNMS) is the umbrella organization for the non-profit National Maintenance Societies in Europe.



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Vision of EFNMS



Vision
Mission
& Values

To be internationally recognized as the European opinion leader and the main network for knowledge and experience in Maintenance and Physical Asset Management



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Mission of EFNMS



Our Mission is to support the EFNMS members (National Maintenance Societies) to develop the Maintenance profession, enhance innovation in Maintenance, increase awareness of importance and significance of Maintenance within Physical Asset Management for the benefit of the European economy.

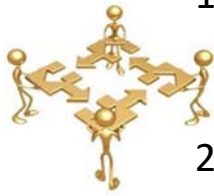
Vision
Mission
& Values



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Objectives of EFNMS



1. Bringing together the maintenance professionals and organizations to facilitate the **exchange of knowledge** and **best practices**
2. Enhance **innovation** by regular follow up on the technology, regulations, market trends and needs
3. Develop the maintenance **profession**
4. Increase the **awareness** of the importance of Maintenance and Physical Asset Management



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The National Maintenance Societies in Europe

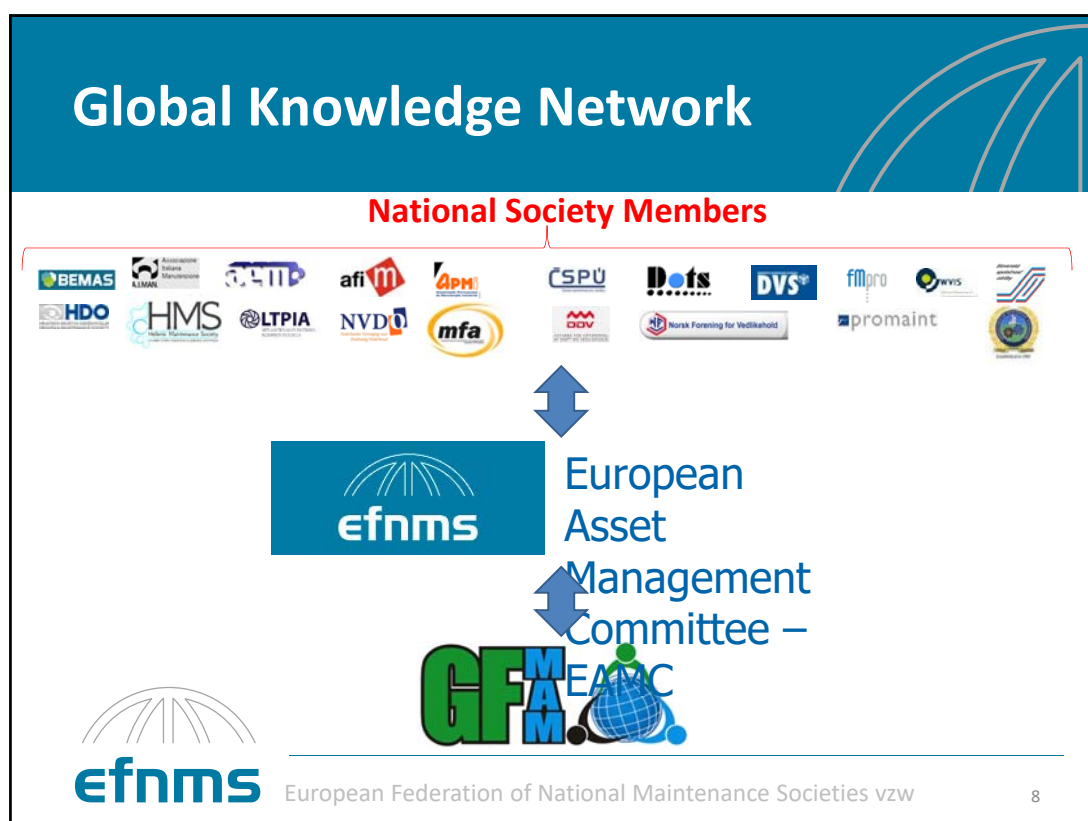
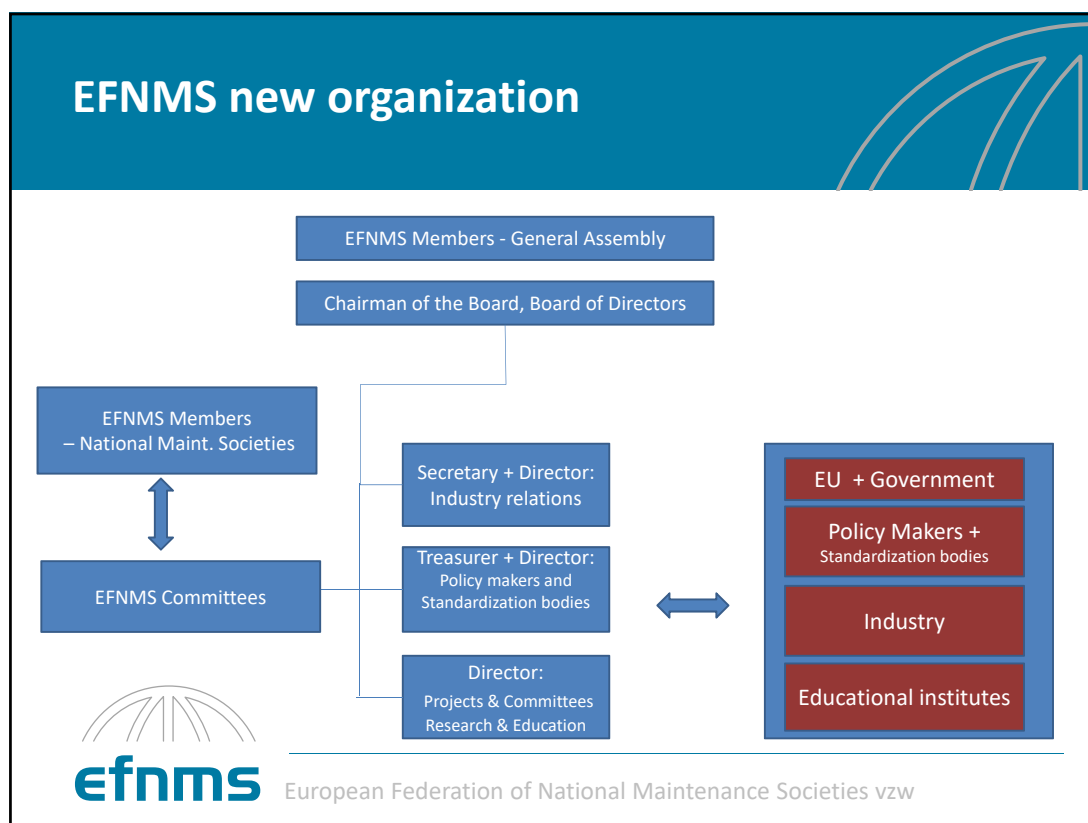
The following
23
National
Maintenance
Societies have
joined
the EFNMS
network:

AEM
AFIM
AIMAN
APMI
BEMAS
CSPU
DDV
DOTS
DVS
FMPRO
FVSI
HDO
HMS
LTPIA
MFA
NFV
NVDO
PMS
Promaint
SDU
SSU
SVUH
WVIS



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GFMAM
Global Forum on Maintenance
& Asset Management

Results from the GFMAM that the NMS could take advantage




efnms

ERIK HELMS
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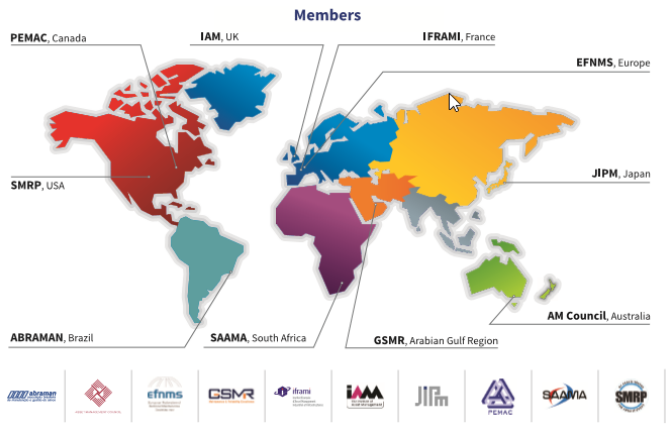
GFMAM
Global Forum on Maintenance
& Asset Management


Who are GFMAM?

EFNMS is one of the founding members of **The Global Forum for Maintenance and Asset Management (GFMAM)**. Through GFMAM, EFNMS cooperates with other leading maintenance and asset management associations in a global exchange of knowledge and best practices.

GFMAM is a non profit organization, founded in 2009. All members of GFMAM are a non-profit organization, controlled by the whole membership, legally formed within its region of operations, have significant membership representing a broad base from within the industries it represents, sharing the same values and objectives.

Members





efnms

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Vision, mission and projects

GFMAM Vision:

To be a worldwide community, providing leadership for maintenance & asset management communities

GFMAM Projects:

Since the GFMAM was created, several projects on Maintenance and Asset Management have been completed and others are now in hand. Some projects are thought to be of major importance to the profession and they are available free to anyone at www.gfmam.org

Publicly available projects:

- Asset Management Landscape - V2
- Maintenance Framework
- Asset Management Maturity
- Auditor Assessor Specification
- The Value of Asset Management

GFMAM Mission:


To promote and develop the maintenance & asset management professions by collaborating on knowledge, standards and practices





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Project: Asset Management Landscape (2014)

Global reference point of asset management with a broader perspective on asset management than the ISO 5500x-series and CEN EN 16646.

Often quoted 39 elements of asset management in six categories:

| Landscape Subject Group | Landscape Second Edition Subject | Landscape Subject Group | Landscape Second Edition Subject |
|--|--|--------------------------------------|--|
| Strategy & Planning | Asset Management Policy | Asset Information | Asset Information Strategy |
| | Asset Management Strategy & Objectives | | Asset Information Standards |
| | Demand Analysis | | Asset Information Systems |
| | Strategic Planning | | Data & Information Management |
| | Asset Management Planning | Organisation & People | Procurement & Supply Chain Management |
| Capital Investment Decision-Making | Asset Management Leadership | | |
| Operations & Maintenance Decision-Making | Organizational Structure | | |
| Lifecycle Value Realisation | Organizational Culture | | |
| Resourcing Strategy | Competence Management | | |
| Asset Management Decision-Making | Shutdowns & Outage Strategy | Risk & Review | Risk Assessment and Management |
| | Technical Standards & Legislation | | Contingency Planning & Resilience Analysis |
| | Asset Creation & Acquisition | | Sustainable Development |
| | Systems Engineering | | Management of Change |
| | Configuration Management | | Assets Performance & Health Monitoring |
| Lifecycle Delivery | Maintenance Delivery | Asset Management System Monitoring | |
| | Reliability Engineering | Management Review, Audit & Assurance | |
| | Asset Operations | Asset Costing & Valuation | |
| | Resource Management | Stakeholder Engagement | |
| | Shutdown & Outage Management | | |
| | Fault & Incident Response | | |
| | Asset Decommissioning and Disposal | | |
| | | | |
| | | | |
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Project: Maintenance framework (2016)

Initiated by EFNMS. Project to provide an overview of the discipline of maintenance management and with the intend to become a reference structure for future work.

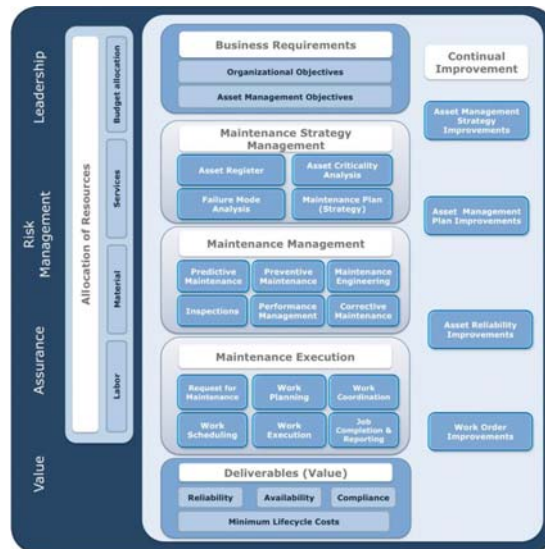
- Five principles
- Seven subject groups

Relates maintenance to asset management



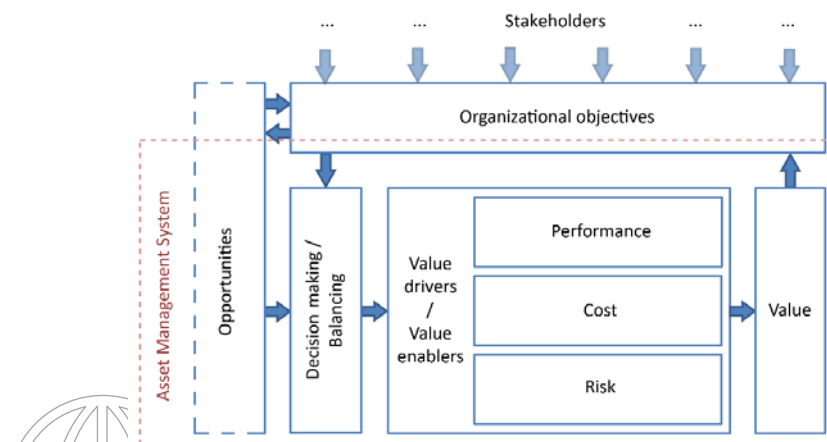
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Project: Value of asset management (2016)

Initiated by EFNMS. Clarification of the concept of value as used in ISO 5500x-series and other asset management standards and literature. Value model:



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Ongoing activities and projects

GFMAM Council meetings:

Monthly online meetings and bi-annual physical meetings at asset management conferences of members. GFMAM where present at EuroMaintenance 2014 Helsinki and provided a number of keynote speakers.

GFMAM ongoing projects:


All EFNMS members are most welcome to take active part in GFMAM projects. The learning experience in being part of highly qualified global collaboration cannot be overestimated.

Current projects:

- The Value of Asset Management – Case studies (initiated by EFNMS)
- Review of Assessor Competency Scheme
- Asset Management Accreditation Scheme
- Mapping of GFMAM documentation incl. ISO 5500x
- Benchmarking approach in asset management
- Harmonizing KPI's (GMARI) (initiated by EFNMS)
- KPI Survey (initiated by EFNMS)


Next meetings:

- Canada September 2017, PEMAC
- France February 2018, IFRAMI (co-hosting ISO/TC 251)
- USA October 2018, SMRP



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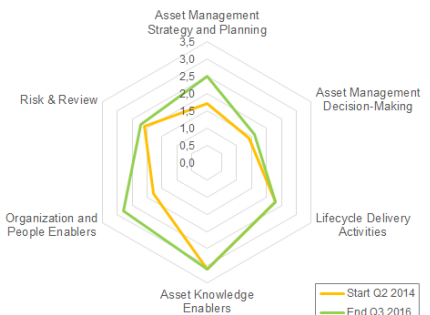
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Project: Value of asset management – Case studies (vision)

Vision: publish global collection of asset management case studies in uniform template:


Company XYZ has been implementing asset management improvement initiatives during the period of Q2 2014 to Q3 2016. The primary activities has been directed to strategy and organization and has had significant impact to the maturity on these aspects. As key results XYZ has had 5% increase in revenue and 20% reduction in HSE incidents and near-incidents.



Asset management progressions



Value creation (realization of objectives)



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GFMAM brings value of global collaboration to EFNMS and NMS

What EFNMS and NMS get from GFMAM is:

- Network
- Knowledge
- Information
- Inspiration

..which is vital to succeed in the global world of today

Questions?



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