

Introduction

With the introduction of our new website in October this year, we received new subscriptions for our newsletter. It is a pleasure to present to you the very first edition of the official MOMi Newsletter. Of course, we have been sending all kinds of information to our customers and others who showed interest in MOMi's services. But it never was in a structured format of a newsletter. According to [Wikipedia](#), a newsletter is the most common form of serial publication. And yes, after this first edition we plan to publish newsletters quarterly.

In every edition we will share our schedule of public training programs and workshops. In this first edition, the training In Focus is the 2-day workshop "Smart Manufacturing & Industry 4.0 Strategies".

MOMi provide business consultancy services based on industry best practices, with customer specific needs as a priority. These are based on best practices approaches, but always tuned to the specific needs of our customers. Throughout these newsletters, our business consultants will highlight an aspect of these services. In this issue, Gerard Ipskamp will focus on Manufacturing Maturity Assessments, and its role within the business.



MOMi marketing team: Gerard Ipskamp, Sarah Knight and Jan Snoeij

Last but not least, I like to introduce Sara Knight. She is our tower of strength. In case of any question, just ask Sarah.



I hope you will enjoy reading this MOMi Newsletter. Please, let us know if you have any questions and/or suggestions either via our [website](#) or by e-mailing [Sarah Knight](#). Finally, the MOMi team wishes you a well-educated, well-recommended and very successful 2020!

Jan Snoeij, President

About MOMi

The Manufacturing Operations Management Institute (MOMi) is an Expert Division of ATS Global.

MOMi offers best-practice business consultancy services to support the full change cycle in a dynamic operations environment and provides strategic and tactical advice to manufacturers, delivering the 4th Industrial Revolution.

MOMi provides independent education programs to manufacturers, preparing their people to leverage new smart technologies through the power of knowledge.

Our team has extensive experience in supporting manufacturers around the globe and provides best-practice services to help them to continuously improving their performance (step-by-step).

MOMi's consultants and instructors work from a pragmatic basis to deliver effective, deployable strategies. MOMi's team consists out of independent, professional experts in the domain of Manufacturing Operations Management.

More: www.mom-institute.org

Training In Focus: Smart Manufacturing & Industry 4.0 Strategies Workshop

In this [two-days' workshop](#), we work together to examine the vision of Smart Manufacturing and Industry 4.0 and determine how to leverage the new technologies and methodologies.

Let's talk about practical, deployable smart manufacturing strategies.

Supported by many real examples, we look at the current status of smart technologies and the core concepts of Industry 4.0, e.g. Cyber Physical Systems, (Industrial) Internet of Things, Smart Factory, Big Data Analytics and Artificial Intelligence.



Participants actively working together

Inspired by the nearly endless opportunities, we try to imagine how these smart technologies can help us in improving our manufacturing performance. It is a known fact, that the Fourth Industrial rapid evolution does not replace the previous one. The smart backbone for Smart Manufacturing and Industry 4.0 are mature deployments of Manufacturing Execution System and Manufacturing Operations Management solutions (MES/MOM). Together, we define what is necessary to get ready to introduce the new technologies successfully.

Based on the considered Smart Strategies to start implementing the vision, the participants walk away with a plan of action to deliver that most valuable of commodities – a return on investment now and in the future. MOMi has delivered this program in The Netherlands, Ireland, United Kingdom and recently in South Africa.

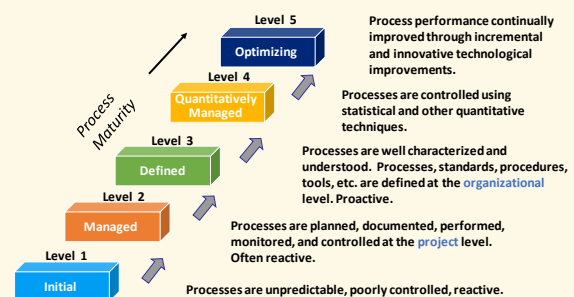
Business Consultancy Highlight: Manufacturing Maturity

Want to understand your company's strengths and areas for improvement? Have your management decided that the company needs to become more process driven to create an environment that promotes innovation, continuous improvement and maximizes business & customer outcomes? That journey should begin with a manufacturing maturity assessment.

You think Maturity Model is a buzz created by academics and consultants? Many companies have used the Maturity Model. and have become better because of it! Let's first go back to a definition:

Manufacturing Maturity is a measurement of the ability of an organization for continuous improvement in manufacturing.

Organizations with a higher maturity level are more likely to improve quality and use of manufacturing resources as a result of incidents and errors.



Definition of Maturity Levels

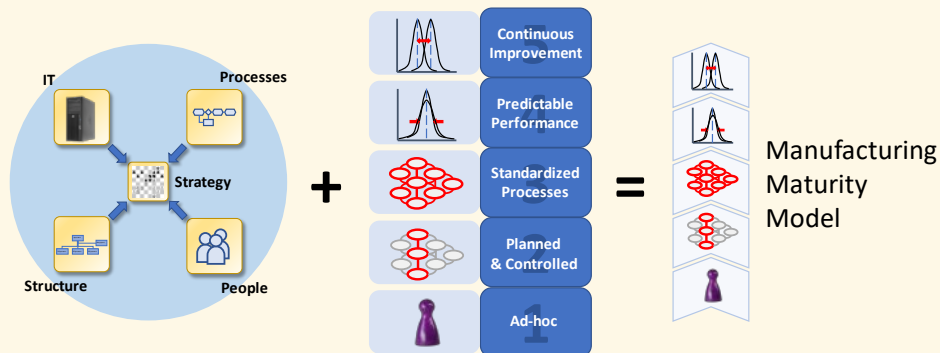
The process to learn your improvement potential is as easy as: Assess, Analyze and Address. And repeat that at strategic moments as defined in your quality management system. Of course, you need a standard to assess against.

One of the better standards for Manufacturing is ISA 95, used by MESA International to construct the Manufacturing (Capability) Maturity Model. Two white papers describing this methodology are:

- White paper #38: Building a Manufacturing Transformation Strategy with ISA-95 Methods
- White paper #53: MESA MOM Capability Maturity Model Version 1.0

The Manufacturing Transformation Strategy's direction is derived from analysis of four Manufacturing Business Domains in this order:

1. Business and Operations Processes (Processes)
2. Organization Structure (Structure)
3. Personnel Skill Sets (People)
4. Manufacturing System Technology (IT)



Manufacturing Maturity Model (MESA White paper 38)

MOMi Consultancy Services help you to execute such a journey in four steps.

- 1) Train your organization with our Workshop/training “Manufacturing Maturity to Improve Performance”.
- 2) Execute a base assessment of the current position. We do this together with your people following the process of
 - a) Assess, determining your current situation;
 - b) Analyze, looking for improvement potential;
 - c) Address, recommending how to improve your maturity, your performance.
- 3) Execute additional base assessments or follow up assessment. But now your people are in the lead and MOMi is shadowing the activities.
- 4) Quality control. MOMi can review the assessment process that is now imbedded in your organization to make sure that it stays at as high quality as possible for the next years.

After these steps your organization has changed into a more continuous improvement oriented organization. Problems are a chance to improve as a company. As a result, your quality (more first time right, lower cost of bad quality), reliability (better deliver as promised) and productivity will increase. And finally, it is ‘sticky’, as we call it, because it is integrated in your quality system.

Gerard Ipskamp, Senior Business Consultant

MOMi's First Education Session in South Africa!

Midrand, November 12 – 13, 2019. Hosted and endorsed by Altron Bytes, MOMi's president and senior instructor Jan Snoeij has delivered the workshop "Smart Manufacturing and Industry 4.0 Strategies" to a group of 10 participants in Midrand (South Africa).

For 2 days, the group actively worked together on the challenges ahead in manufacturing. They discussed and discovered how MES/MOM provides the foundation for successful application of the new smart technologies and methodologies.

One of the participants said: *"The course is extremely informative, and I fully enjoyed it"*.

This was the first education program delivered by MOMi in South Africa and it will not be the last.



Participants in Midrand, South Africa

What Our Customers Say

"An Inspirer. An Empower. An Engager. These three characteristics are just a short sample of the many you demonstrate with all of your students, including me, every single day. I want to express our gratitude and authentic value for the support you so eagerly share for our knowledge, as not only students, but also as Managers and decision makers." – A participant to the MESA CoC program – November 2019.

"Thank you for a fascinating two days. I have plenty to digest and take action now 😊" – Dave Johnson, GE Healthcare, participant to "MES/MOM: All You Need to Know!" – February 2019.

"Thank you for the very educative training! Especially manufacturing maturity analysis, metrics framework and ROI business cases were very useful to me, and these are among the first things that I need to incorporate into my own way of working" – Ville Ossi, participant to MESA CoC – November 2018



A MOMi education session

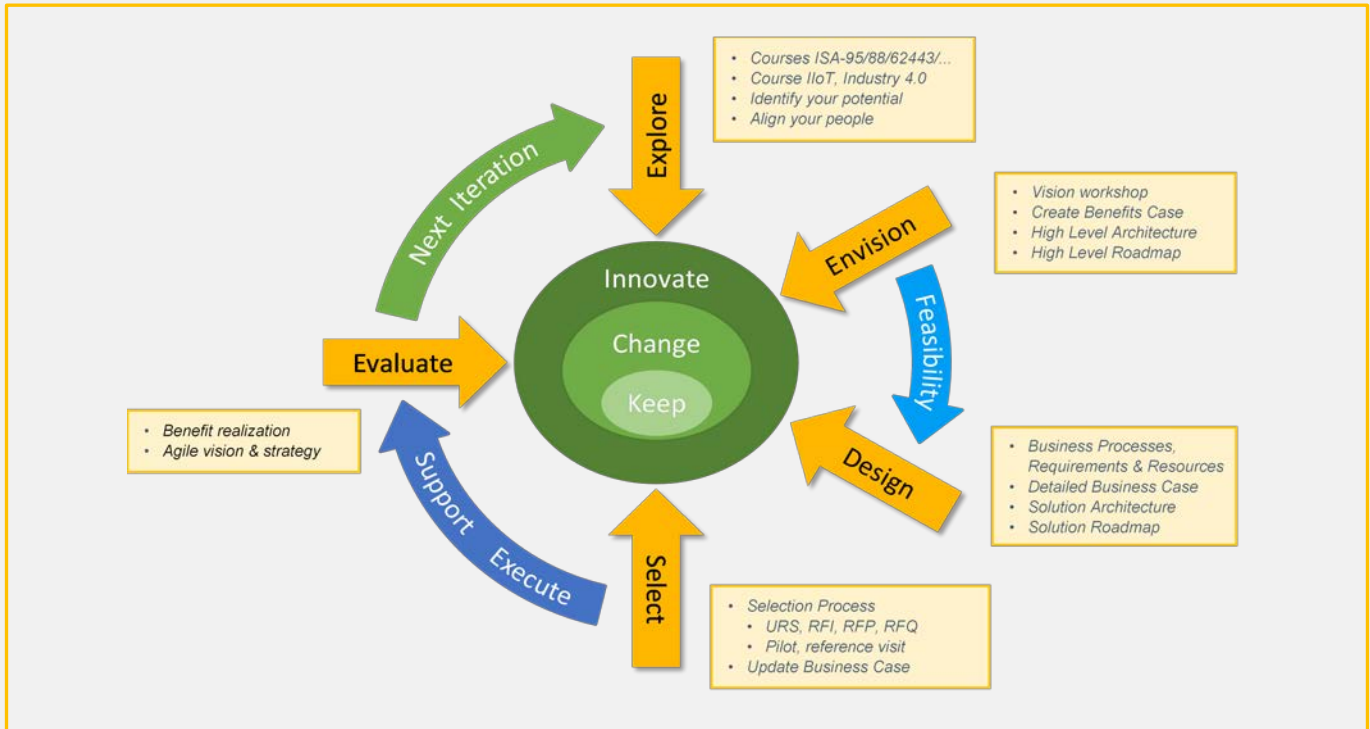
Training Schedule

Program	Days	Start date	Location	Price
Manufacturing Maturity to Improve Performance	1	2020-01-22	Haarlem, The Netherlands	EUR 895
Business Case to Justify MOM investments	1	2020-02-05	Haarlem, The Netherlands	EUR 895
Smart Manufacturing and Industry 4.0 Strategies (2 days)	2	2020-02-11	Edinburgh, United Kingdom	GBP 1450
Cybersecurity for Manufacturing (ISA/IEC-62443)	1	2020-02-28	Haarlem, The Netherlands	EUR 895
MES/MOM Standardization using ISA-95 – Integration	2	2020-03-04	Haarlem, The Netherlands	EUR 1595
Smart Manufacturing and Industry 4.0 Strategies (2 days)	2	2020-03-10	Haarlem, The Netherlands	EUR 1595
MES/MOM: All You Need to Know!	2	2020-04-15	Haarlem, The Netherlands	EUR 1595
Cybersecurity for Manufacturing (ISA/IEC-62443)	1	2020-04-23	Coventry, United Kingdom	GBP 825
Smart Manufacturing and Industry 4.0 Strategies (2 days)	2	2020-05-12	Coventry, United Kingdom	GBP 1450
Business Case to Justify MOM investments	1	2020-05-14	Coventry, United Kingdom	GBP 825
MES/MOM Standardization using ISA-95 – Integration	2	2020-05-18	Coventry, United Kingdom	GBP 1450
MES/MOM: All You Need to Know!	2	2020-06-09	Cork, Ireland	EUR 1595
LIMS in Manufacturing: All You Need to Know!	1	2020-06-11	Cork, Ireland	EUR 895
MES/MOM Standardization using ISA-95 – Operations	1	2020-06-16	Haarlem, The Netherlands	EUR 895

MOMI's education programs are delivered as public sessions as well as in-house. In the last case, the content can be tailored to your specific situation. Please ask [Sara Knight](#) for more details about In-house programs – typically for 10 participants or more – or if you want to participate with a smaller group. Attractive reduced fees may apply.

For more information and registration, see our [website](#).

MOMi Business Consultancy: Control the Business Change Cycle



MOMi Education: A Comprehensive Set of Programs

