

# One-MTM Lounge



# Introduction



**Gabriele Caragnano**



**Fondazione Ergo**, Direttore Tecnico



## At a Glance

- Partner PwC, EMEA Operations Leader
- Director Associazione MTM Italia
- Coordinator of Anthropometry and Biomechanics Work Group at UNI (Italian National Unification)





# One-MTM





# One-MTM Lounge

MTM ASSOCIATION e. V.

Prof. Peter Kuhlmann, CEO

February 16, 2021





**One-MTM  
1<sup>st</sup> birthday?**

**Incredible!  
Time flies...**

# Content

**The role of MTM ASSOCIATION**

**One-MTM Network – Establishing MTM as a real global standard**

**Key identification signs: certificates, cards**

**Global MTM training platform: [training.mtm.org](https://training.mtm.org)**

**MTM SUMMIT 2021 and EAWS International Symposium 2021**

**Q & A**

# Introduction



**Peter Kuhlang**

ao. Univ.-Prof. Dipl.-Ing. Dr. techn.



**MTM ASSOCIATION e. V., CEO**

**Deutsche MTM-Gesellschaft mbH, Managing Director**



## At a Glance

- Industrial Engineer (Venia docendi from Vienna University of Technology)
- 1988 first contact with IE/MTM
- MTM enthusiast – passionate about methodological research and development in MTM





**Understanding MTMA's role  
better...**





# Two aspects of MTM (Methods-Time Measurement)

## Method (instrument)



### MTM process language

- Integral description, quantification and design of human (manual) work (labor)
- Fundament to calculate resources
- Globally accepted and approved performance and education standard

**MTM norm (standard) performance is accepted globally and appreciated by social partners!**

## Organization (institution)



### Assignment of not-for-profit industrial association

- Dissemination and R&D for MTM
- Globally uniform trainings and certificates

### MTM ASSOCIATION e. V.

**Training, software, consulting, research from a single source!**

# One-MTM Vision

- **One Organisation (governance, marketing, sales, services, ...)**
- **One value proposition (training, services and software)**
- **One corporate image (logo, website, communication)**
- **One standard (training material, certificates, qualification procedure)**
- **One software platform (a set of selected solutions to cover the largest market segment)**

## One-MTM is designed to meet customer expectations:

- One face to the customer (GRP)
- Innovation
- Global standards
- World class quality





# One-MTM Network

## Vision

**Establish MTM** (Training, Software, Consulting and Research) as a **real global standard!**

This means

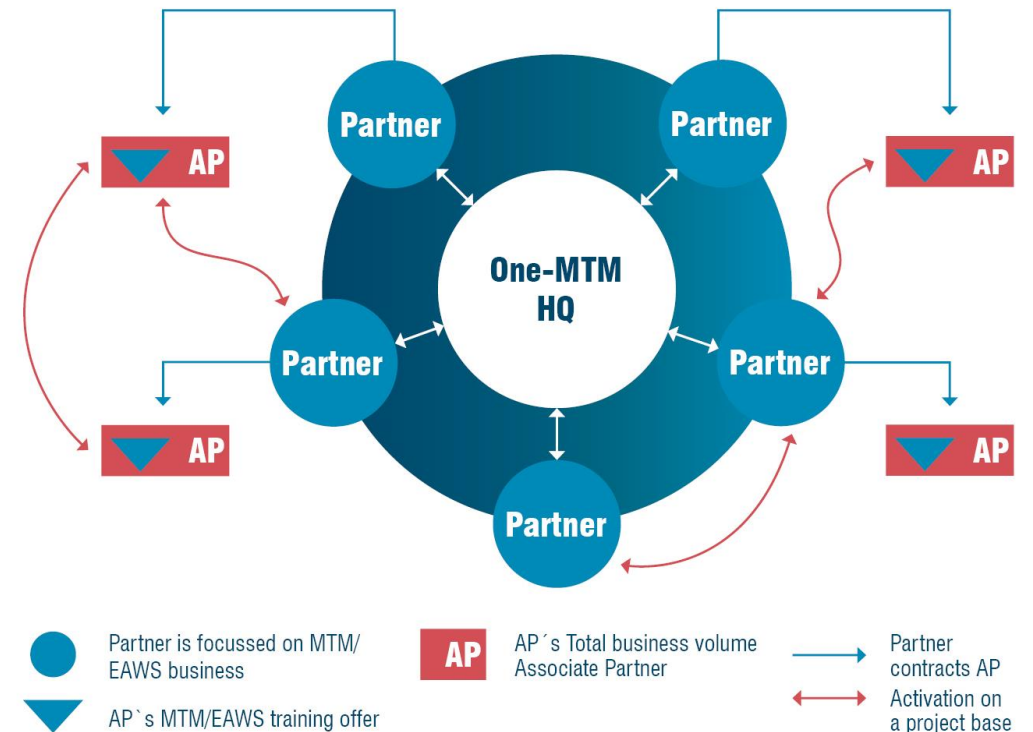
- a **clearly defined, uniform** and **mutually applied qualification procedure.**
- a **high awareness** of the **MTM trademark** in the **relevant communities.**
- a **recognized, effective** business organization.
- a **global, aligned offer** of **products** and **services.**

## Trademark

The **Trademarks** and the **Copyrights** for the following systems are with MTMA:

**MTM-1, MTM-2, MTM-SD, MTM-HWD, MTM-UAS, MTM-MEK, EAWS**

## One-MTM Ecosystem



# MTM Standard – what does it mean?

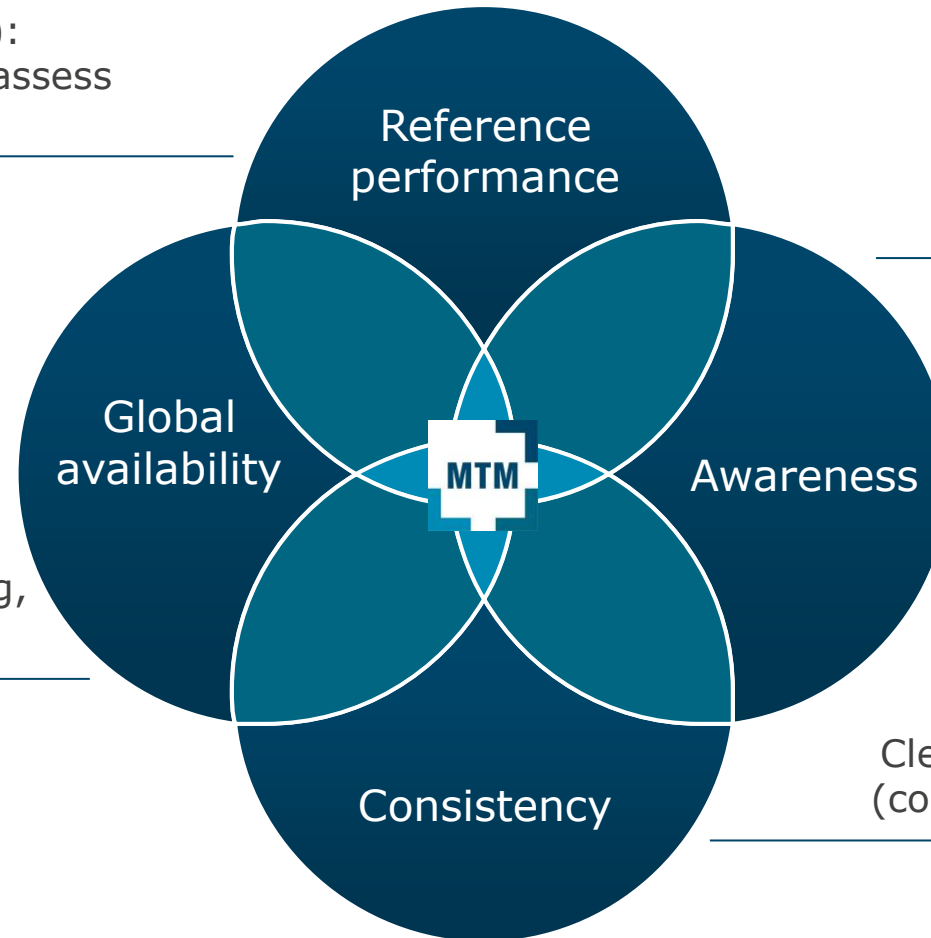
MTM norm (standard performance):  
Globally accepted to describe and assess  
human work



Products and services out of one  
hand (training, software, consulting,  
research)

International networking and  
communication

Registered trademarks ®



All (relevant) stakeholders know our  
MTM products and services

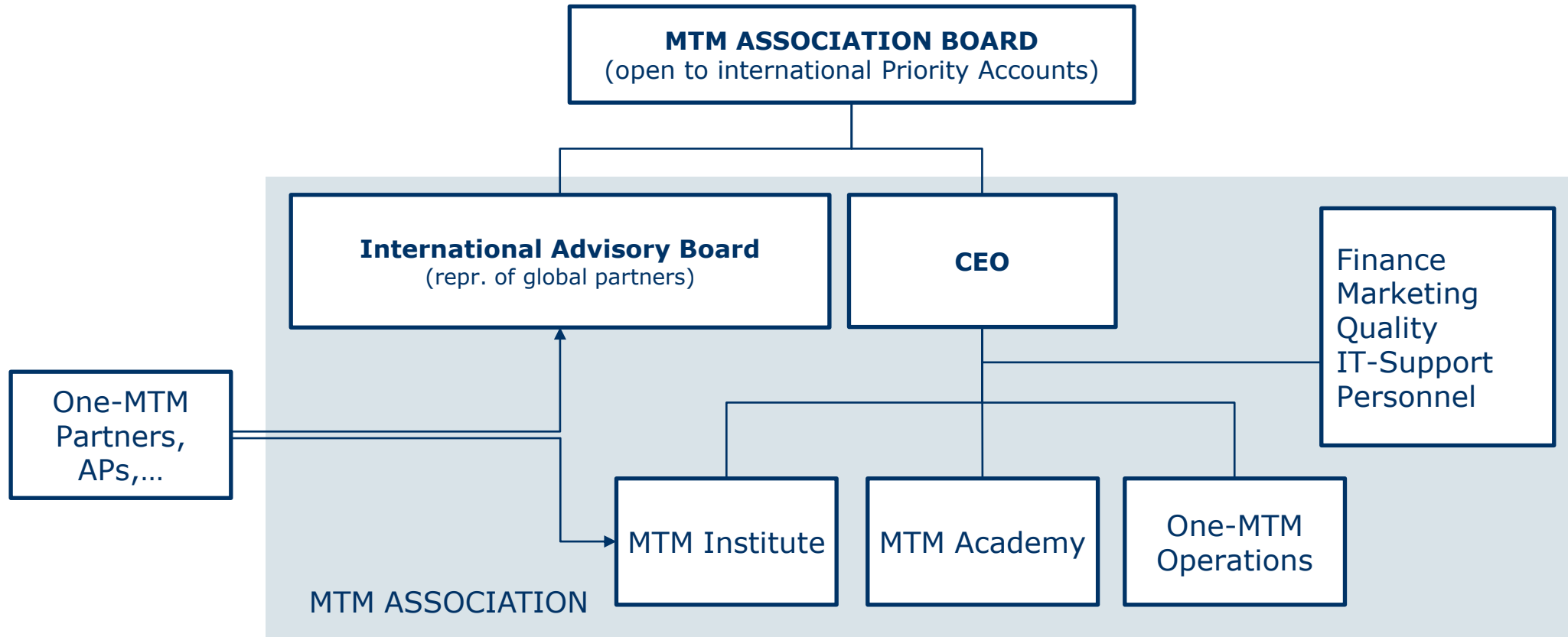
Worldwide identical  
qualification structure  
and degrees (blue and green card)

Clear requirements for MTM Instructors  
(contentwise, organisational, didactical)

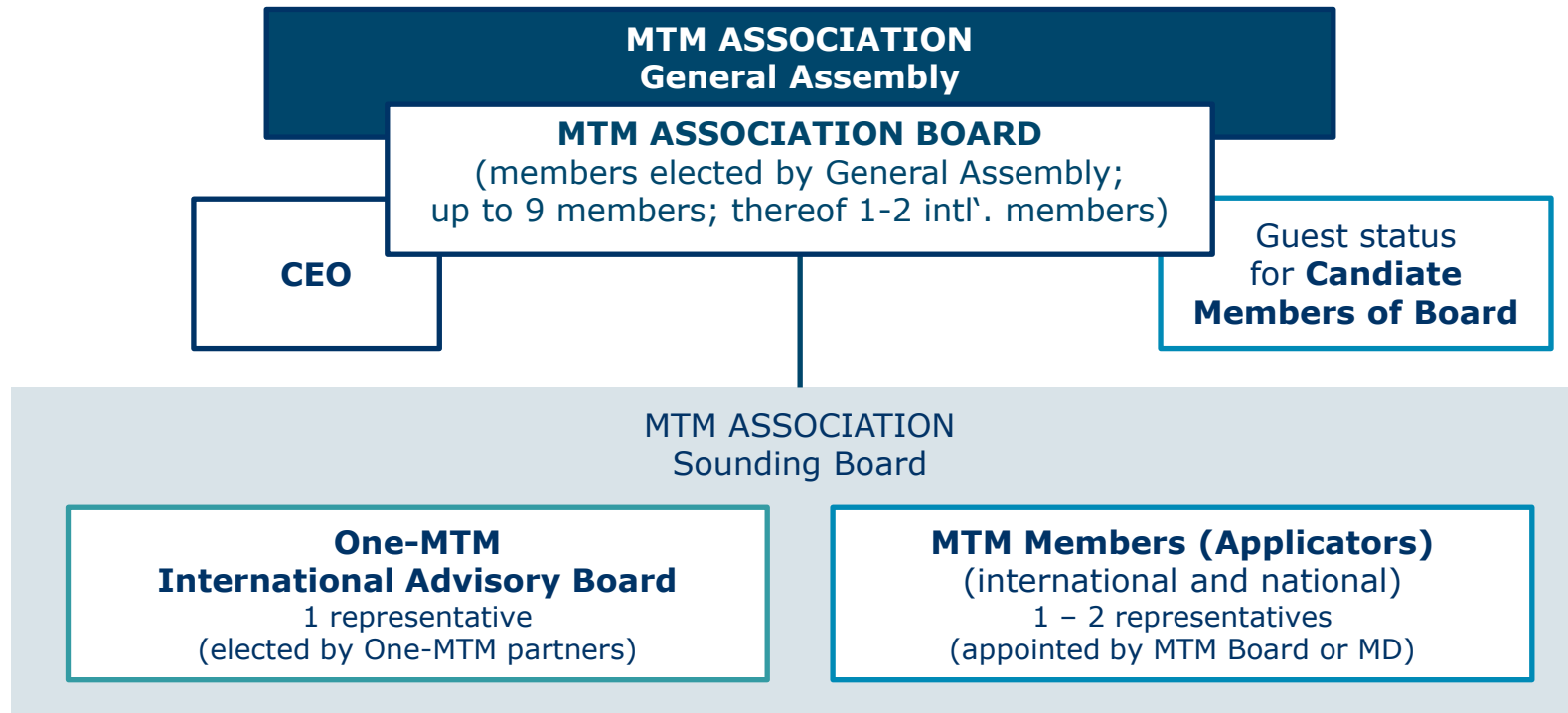
Periodical quality refreshment of  
applicators and instructors



# One-MTM structure



# MTMA Board and Sounding Board





# Certificates - globally unified!



## CERTIFICATE

**Max Mustermann**

born on May 24, 1964 in Springfield

has successfully completed

**MTM-Logistik**

Z1123456789

Examination date: November 17, 2017

September 09, 2019



Examination Board



MTM ASSOCIATION e. V.

MTM ASSOCIATION e. V. Standards and Research, Elbchaussee 352, 22609 Hamburg, Germany, [www.dmtm.com](http://www.dmtm.com)

## Certificates issued in 2020

	E-Learning	Webinar	Class room
Trainings	206	1274	1302
Students		44	405
<b>Gesamt</b>	<b>3231</b>		



# Trainings in 2020 – operated by One-MTM network

	AT	BR	CN	US	CZ	HU	IT	MX	PL	UK	ZA
MTM-1 Base	•	•		•	•		•	•	•	•	
MTM-1	•	•	•	•	•	•				•	
MTM-2					•	•					
MTM-SD				•	•	•		•	•		
MTM-UAS	•		•	•	•	•	•	•	•		
MTM-Logistics	•	•		•			•	•		•	
MTM-Practitioner										•	
Pract.-Refresher MTM-1			•	•							
Pract.-Refresher MTM-UAS			•								•
EAWS		•	•			•	•				
EAWS-Practitioner						•					
ProKon		•			•						
License Course MTM-1				•		•				•	
License Course MTM-2						•				•	
License Course MTM-UAS						•				•	



# Cards





**MTM-INSTRUCTOR**  
GREEN CARD



**Max Mustermann**  
 Musterfirma GmbH




**MODULE / VALID UNTIL**

- MTM-1 / 05.22
- MTM-2 / 05.23
- MTM-SD / 02.21
- MTM-UAS / 05.23
- MTM-MEK / 01.22
- MTM-HWD / 05.23
- C-WERTE / 05.23

**CARD:** X1234567891

**MTM ASSOCIATION e. V.**  
 Elbchaussee 352, 22609 Hamburg, Germany, [www.dmtm.com](http://www.dmtm.com)


This card is owned by MTM ASSOCIATION e. V. and not transferable.



**MTM-PRACTITIONER**  
BLUE CARD



**Max Mustermann**



- MTM-1
- MTM-2
- MTM-SD
- MTM-UAS
- MTM-MEK
- MTM-HWD
- C-WERTE

**CARD:** X1234567891

**VALID UNTIL:** 05.2020

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**EAWS-PRACTITIONER**  
BLUE CARD



**Max Mustermann**



- EAWS

**CARD:** X1234567891

**VALID UNTIL:** 05.2020

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**platform.dmtm.com**

turns into

**training.mtm.org**



# MTM Summit 2021 & EIS 2021

**20 - 21, October 2021**

## MTM Summit

- MTM ASSOCIATION and One-MTM Partner

## EAWS International Symposium

- Fondazione Ergo

## Venue and language

- MTMA: Hamburg, Gastwerk Hotel and Online; German, English
- Fondazione: Online, English

## Agenda (Highlights):

- One-MTM Partners meeting
- HWD project meeting
- Examination committee
- Members meeting
- MTMA Board Meeting
- MTM Digital Solutions Day
- EIS 2021
- MTM Community Day

**MTM Community  
meeting  
On-site and remote**



# The idea of the „House of MTM“



## 24/2 : „House of MTM“ community

**MTM**   
**SUMMIT 21**

## 24/2 : „House of MTM“ community

**MTM**   
**SUMMIT 21**  
**20 - 21, October 2021**



# MTM Summit 2021 - Overview

- Presentations
- Keynote speeches
- Sessions and workshops
- Digital and on-site



## Konkrete Struktur:

Tag	Program
19.10.2021	MTM Members Day
Day 1 20.10.2021	MTM Software Day / TiCon Expert Day
	MTMA General Assembly
Day 2 21.10.2021	MTM Community Day

# **MTM bei MAN Trucks**

**operated by Polskie Stowarzyszenie MTM**

# Introduction



**Piotr Ślusarski**  
Dipl. Kfm.



**MAN Trucks Sp. z o.o.**, Head of Competence Center  
Cracow



## At a Glance

- Business Administration (focus: Business Informatics); Europa Universität Viadrina i. Frankfurt/Oder
- 20 years in management functions, including logistics and materials management; various projects
- since 2006 at MAN (Dräxlmaier, Faurecia)





**Plant Cracow**  
**MTM - CCC**  
**Competence Center Cracow**

# Project „ap- Roll – Out MAN” status at a glance “VWap & MTM”

## Munich



- First cost-center in pilot-project successful activated
- Modelling of second cost-center in ap with MTM started
- Broad roll-Out planned for Q1 2021

## Cracow

- Competence Center for ap/MTM established
- First standards for time management within MAN production network established (AK MTM VWap)
- Roll-Out ongoing according to plan

## Steyr

- IT-project ongoing

## Ankara



- Ankara is getting new process & IT-landscape, from scratch – S4Bus (GoLive H2 2022)
- VWap will be one core element of process- & IT-blueprint for MAN (associated project to S4Bus)
- Process- & IT-target picture aligned across stakeholders
- Roll-Out project initiated, project start in January
- Job-preparation is trying VWap out in a “lab-environment”

## Starachowice



- Star is taking over blueprint approx. in 2022, incl. VWap

## Nuremberg



- Ap is already applied in most cost-centers in all three assembly lines (with REFA) – all of those work-plans are up to date (in ap with REFA)
- Other costs-centers (test-beds) will follow, when left technical demands are realized in 2021

## Salzgitter



- First approaches to model processes in ap for Scania-axle done with workarounds
- Next steps is to start pilot-phase in Q1 21 for process-modeling in ap and deriving manual staff-calculation-process, for Scania axle assembly

## Initial situation

### Initial situation

- No common standards within **time management**, its procedures and support in time management tools implementation (e.g. work plans no existing or no updated, missing work standard sheets)
- Potential in **transparency** regarding time management (e.g. missing common basis for demand planning and work utilization)
- Potential in **efficiency** in operating time management (e.g. the same process to be described in all production units)

## Solution

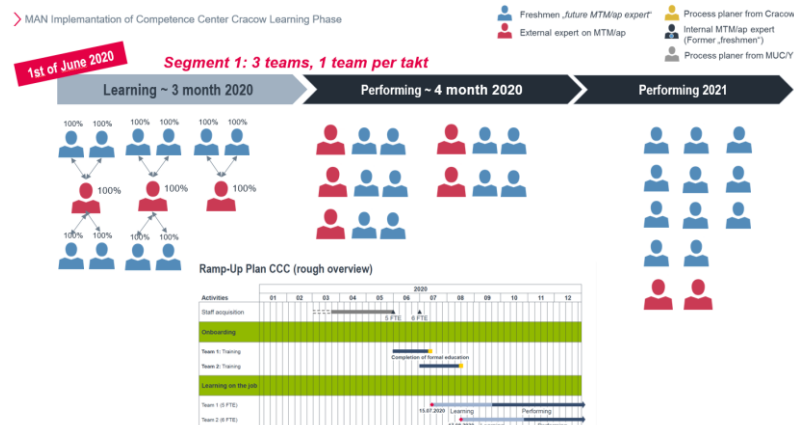
### Challenges

- No **MTM know** how existing
- No **VW ap know** how existing
- **Number of variants** in MAN products
- **Quality** of data base and **variety** of its systems



### Targets

- **Synergy effect** for operating time management and its implementation for all operating units
- **Working plans and sheets** on place and updated
- Basis for **workload balancing methods** and enabler for productivity targets
- **Common standards** in industrial engineering
- Ensuring **know how sharing** regarding time management



Initial situation

Solution

Photo impressions / film

## Description of a solution



Establishing of Time Management **Competence Center** for MAN alliance in terms of VW ap / MTM



Observing, mapping and making operating all assembly processes in plant Krakow with MTM / VW ap\



Center for **common standards** within time management, its procedures and support in time management implementation (incl. tools)



Installation of working group in order of gathering more **transparency** in time management, know how sharing and common standards

# CCC is coming!!!





## Initial situation

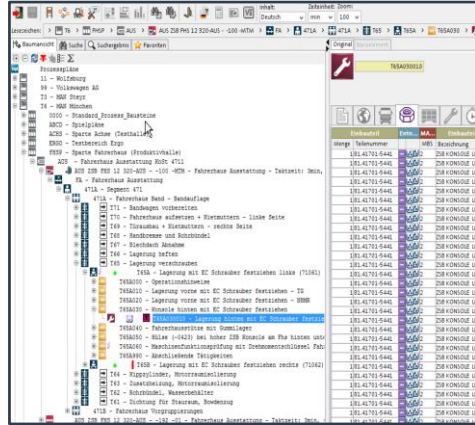


Photo 1: VW ap

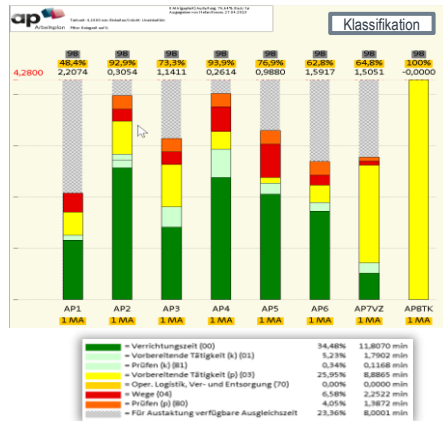


Photo 4: Taktungseditor – VW ap

## Solution



Photo 2: CCC Team with MTM certificate



Photo 5: Internal symbol for CCC

## Photo impressions / film



Photo 3: Impression from process observing



Photo 6: Impression from process observing

**THANK YOU SO  
MUCH FOR YOUR  
PARTICIPATION  
AND ATTENTION!**





#mtmtimetowin  
#mtmprof



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**eaws.it**