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4.0
NRW

Project: NRWgoes.digital

Implementation of Industry 4.0 /

Digitalisation in vocational education and training in NRW

Mit finanzieller Unterstützung des Landes Nordrhein-Westfalen und des Europäischen Sozialfonds



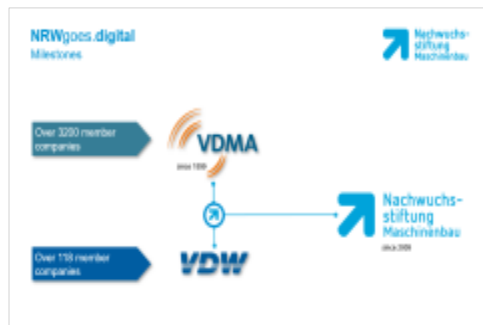
EUROPÄISCHE UNION
Europäischer Sozialfonds



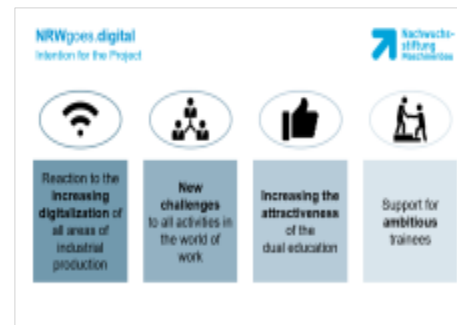
Ministerium für Arbeit,
Gesundheit und Soziales
des Landes Nordrhein-Westfalen



Who are we?



Project



Implementation



MLS

Over 3200 member
companies



Over 118 member
companies



Nachwuchsstiftung
Maschinenbau

since 2009

Initiative for Excellence in Vocational Education and Training

Fields of action



**PROMOTION OF
YOUNG TALENT**



**CONSULTING IN
DUAL TRAINING**

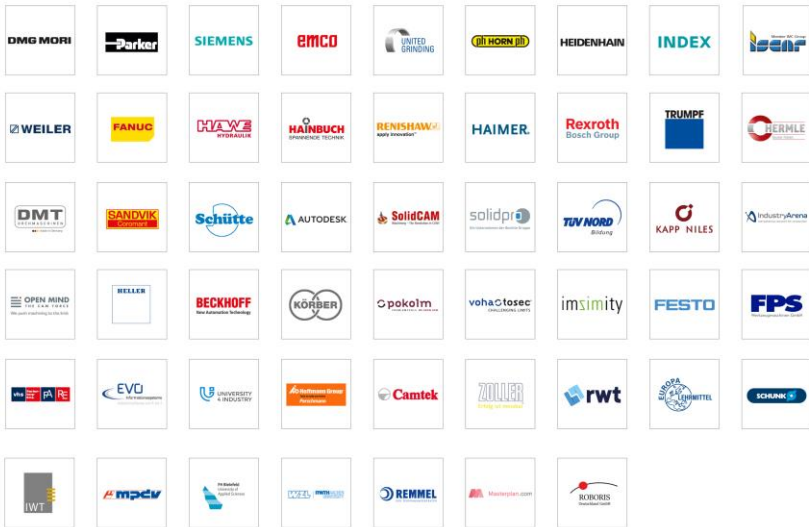


**KNOWLEDGE
TRANSFER THROUGH
CURRENT TEACHING
MEDIA**



TRAINING 4.0

Together we are strong!



Our Project partners



Reaction to the
**increasing
digitalization** of
all areas of
industrial
production



**New
challenges**
to all activities in
the world of
work



**Increasing the
attractiveness**
of the
dual education



Support for
ambitious
trainees

➤ Aim and target group

Additional qualification of ambitious trainees of the technical occupations of the mechanical engineering

In small and medium-sized companies

➤ Extent

8 modules

2 passes (15 mounth each)

200 teaching units per pass

➤ Project place

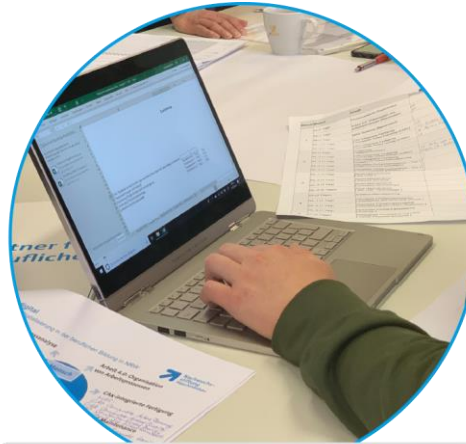
Nachwuchsstiftung Maschinenbau
Berufskolleg Kreis Höxter
Carl-Miele Berufskolleg Gütersloh



Project	Additional qualification in manufaction processes	NRWgoes.digital	Increase
Region	East westphalia	North-Rhine- Westphalia	+ 5th size
Target group	86 Trainees (0 Trainers and Teachers)	1,400 Trainees 600 Trainers and Teachers	+ 1,314 Trainees + 600 Trainers and Teachers
Period	04/2016 – 10/2018 (30 Month)	10/2018 – 12/2022 (51 Month)	+ 21 Month



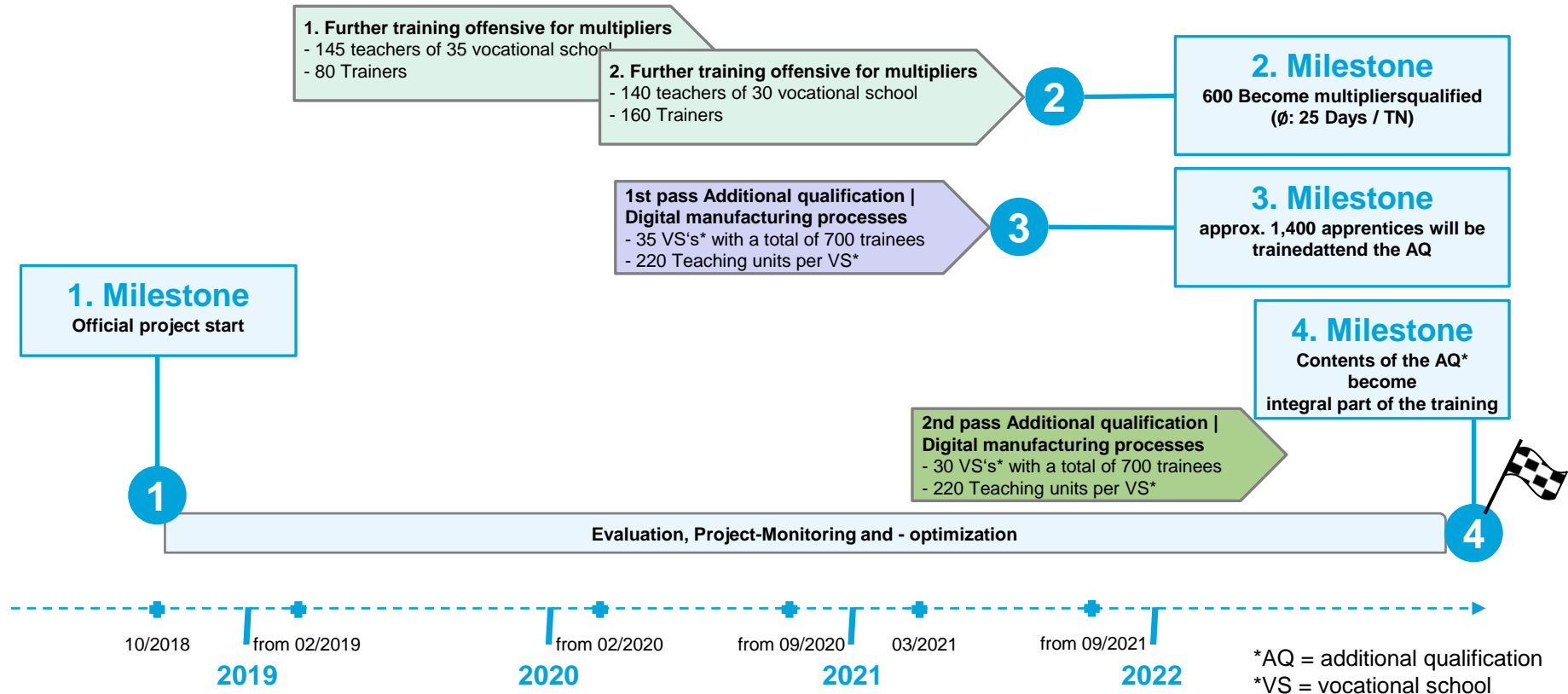
1. Qualification
of teacher & trainer



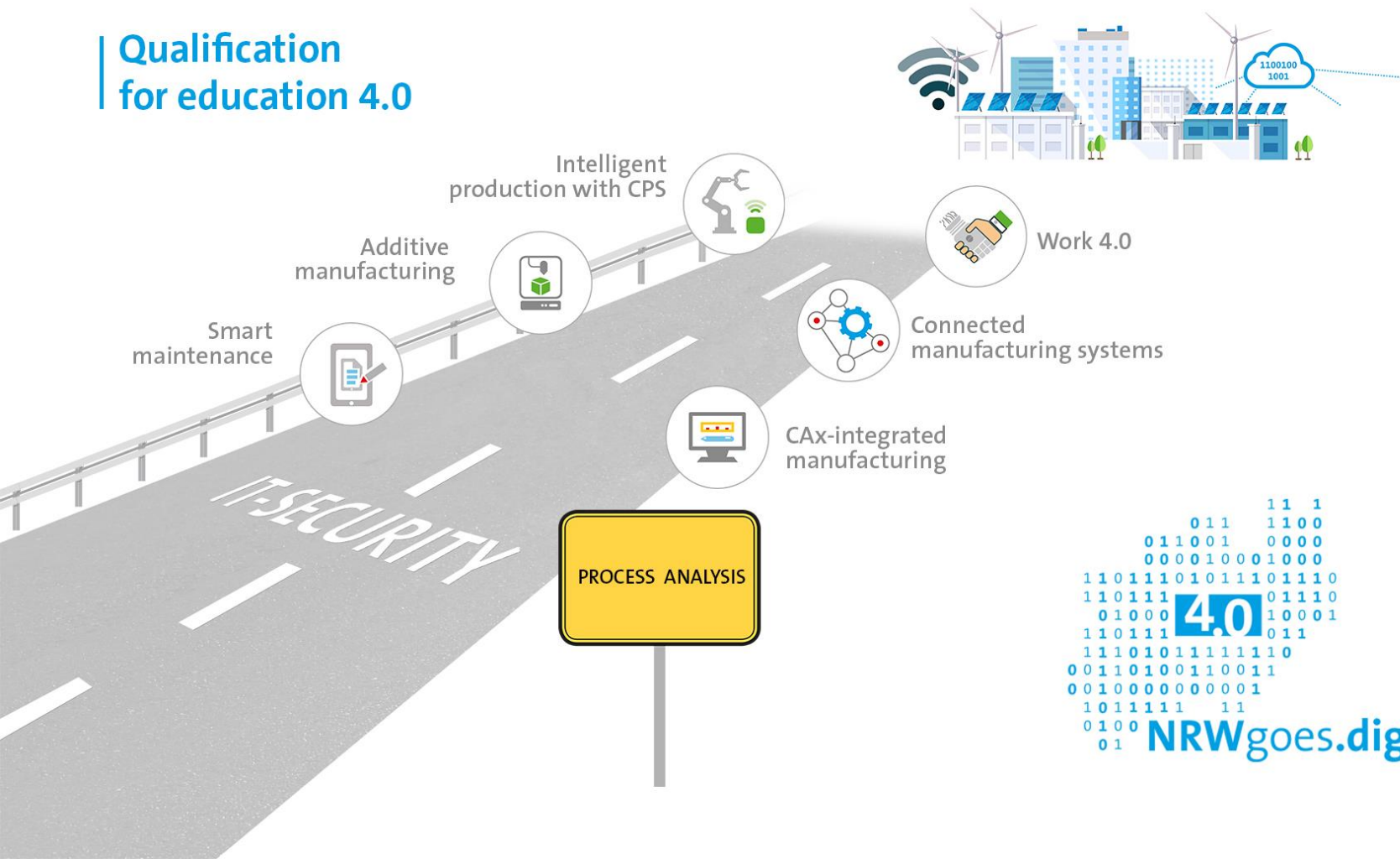
2. Development
of methodical and
didactical edited scripts



3. Additional qualification
of trainees



Qualification for education 4.0



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4.0

NRWgoes.digital

NRWgoes.digital

15 Project partners 2020



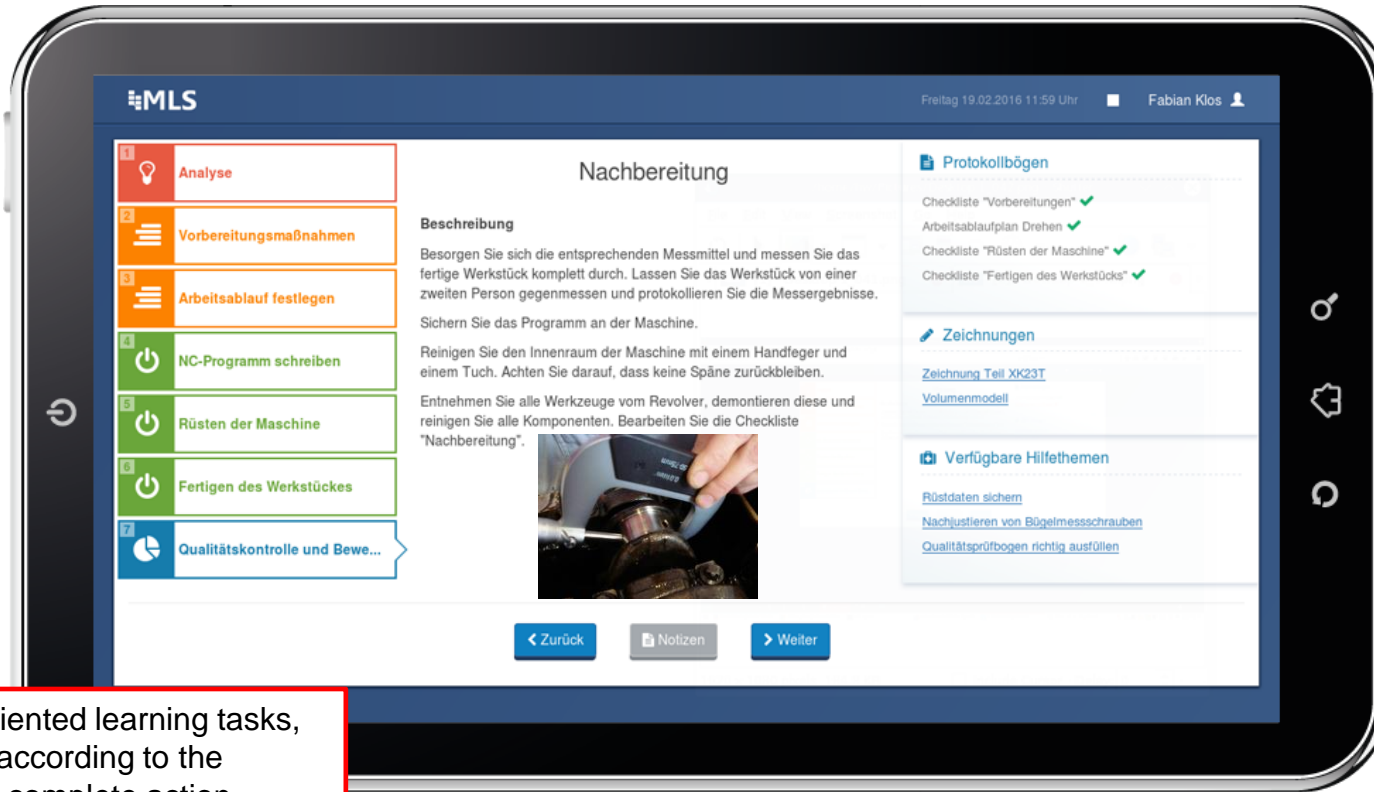


MLS

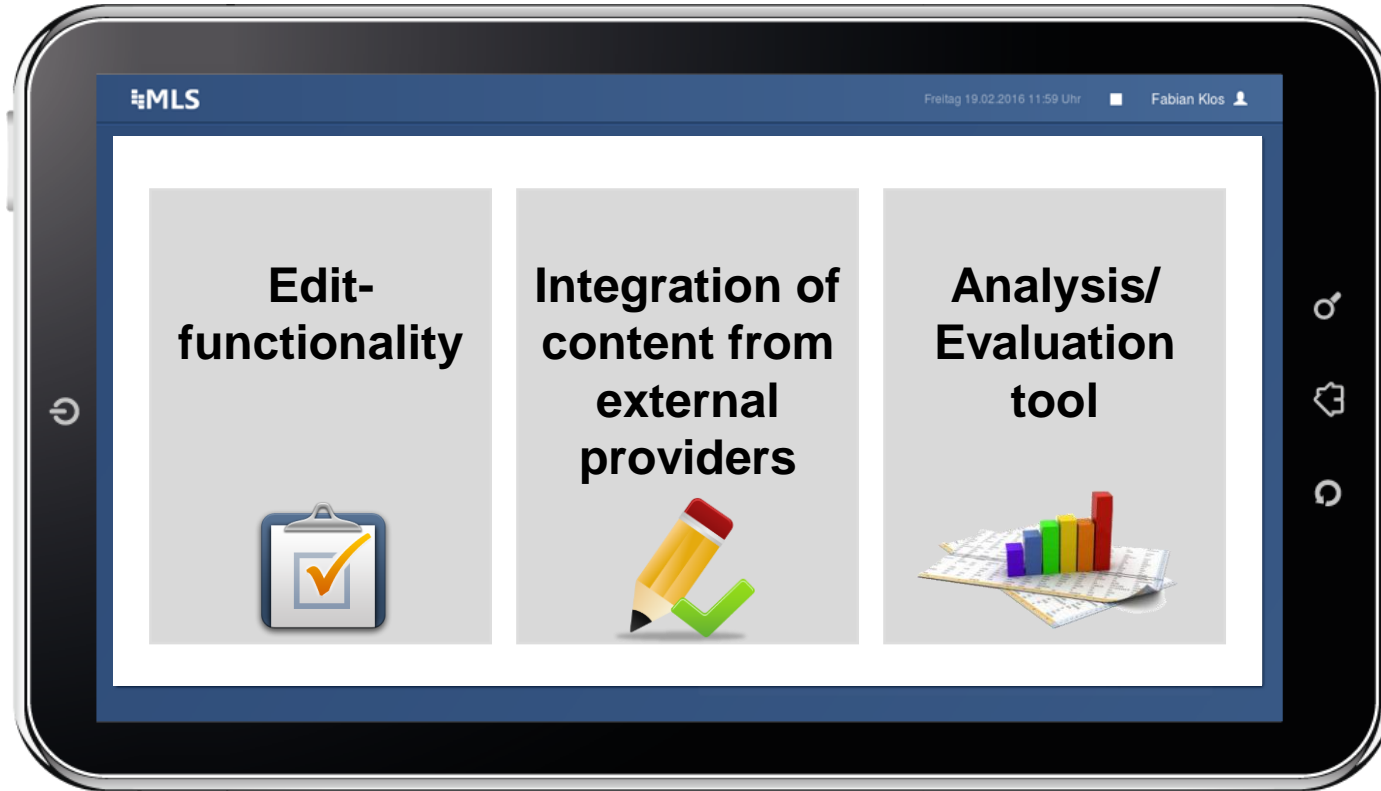
Mobile Learning in Smart Factories

- Mobile learning and work application
- Own contents can be integrated
- Documented learning progress
- Platform independent
- Directly involved in the work process
- Assignment of individual work tasks

www.nws-mb.de/mls



Process-oriented learning tasks,
structured according to the
principle of complete action



➤ **Evaluation** of the project targets

➤ **Geographical extension** in further states in Germany (Saxony and Lower Saxony)





Implementation of Industry 4.0 / Digitisation in vocational education and training in NRW



**Finding the right balance between technology and humanity
will determine failure or success for all of us**

