

SPS EXPERT@SIEMENS ENERGY LEARNING PROGRAM - REMOTE



– Offer SPS Expert Run Fall 2023 (in deutscher Sprache) –

Offer no. 222085

Düsseldorf, 14th November 2022



Content

- 1 Procedure and service description
- 2 Schedule
- 3 Participant management
- 4 Investment and conditions
- 5 Ordering process and contact

The SPS Expert@Siemens Energy Learning Program - Remote at a glance

Target group & prerequisites



- Employees and executives from production, assembly, plant logistics and support areas (IE, business excellence, manufacturing control, etc.) that drive local lean activities
- 2-3 years of experience in areas
- Basic lean know-how

Concept

- 2 training modules
 - Module 1: Stabilization incl. live sessions from the LFF
 - Module 2: Value Stream Design incl. live sessions from the LFF
- Includes group coaching sessions for Masterpiece
- Accompanying e-learning for deepening
- Online knowledge tests
- Duration approx. 6 months total
- Completion incl. certified Masterpiece

Conditions



- Min. 10 - max. 12 participants
- Online live training, eCoaching, eLearning, practice transfer and online knowledge test
- Siemens Energy/LMX Certificate of Participation and Certificate
- German language
- 4.950€ / Participant

Highlights

- Interactive, varied online training in real time
- Live stream sessions from the Learning and Research Factory Bochum (LFF)
- Establishment of knowledge for process improvement/stabilization & practical transfer
- The targeted selection of the media used with digital whiteboard, quiz tools, online surveys and MS teams as communication base puts the participant in the center and makes the theory a live experience

Scope (pro-rata priorities)



Lean

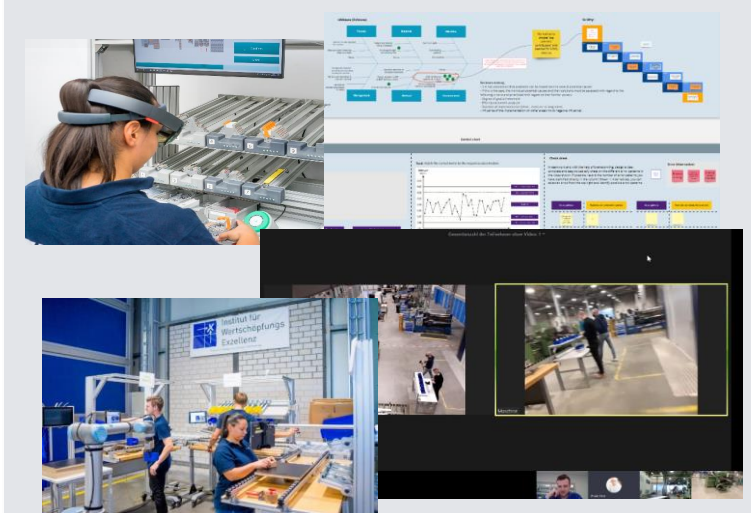


Agile

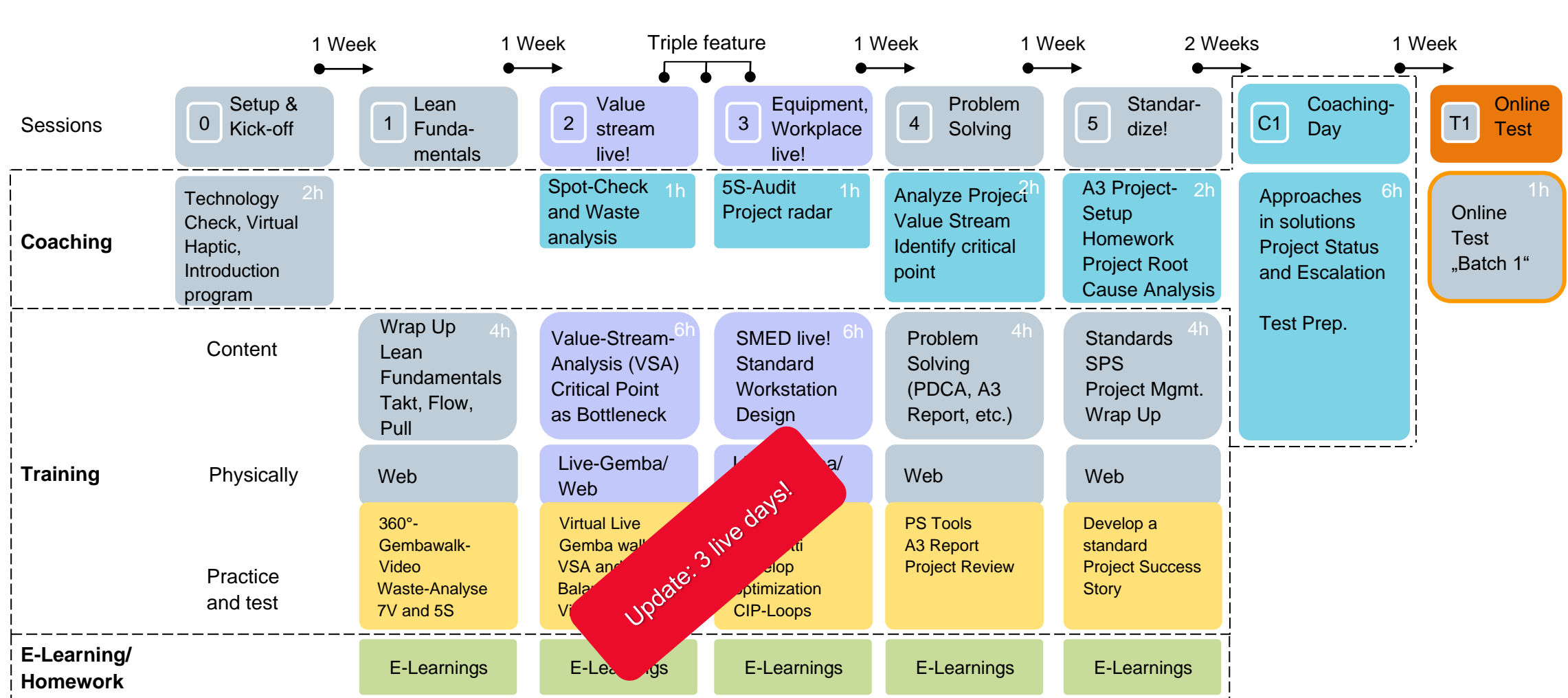


Digital
(Smart
Factory)

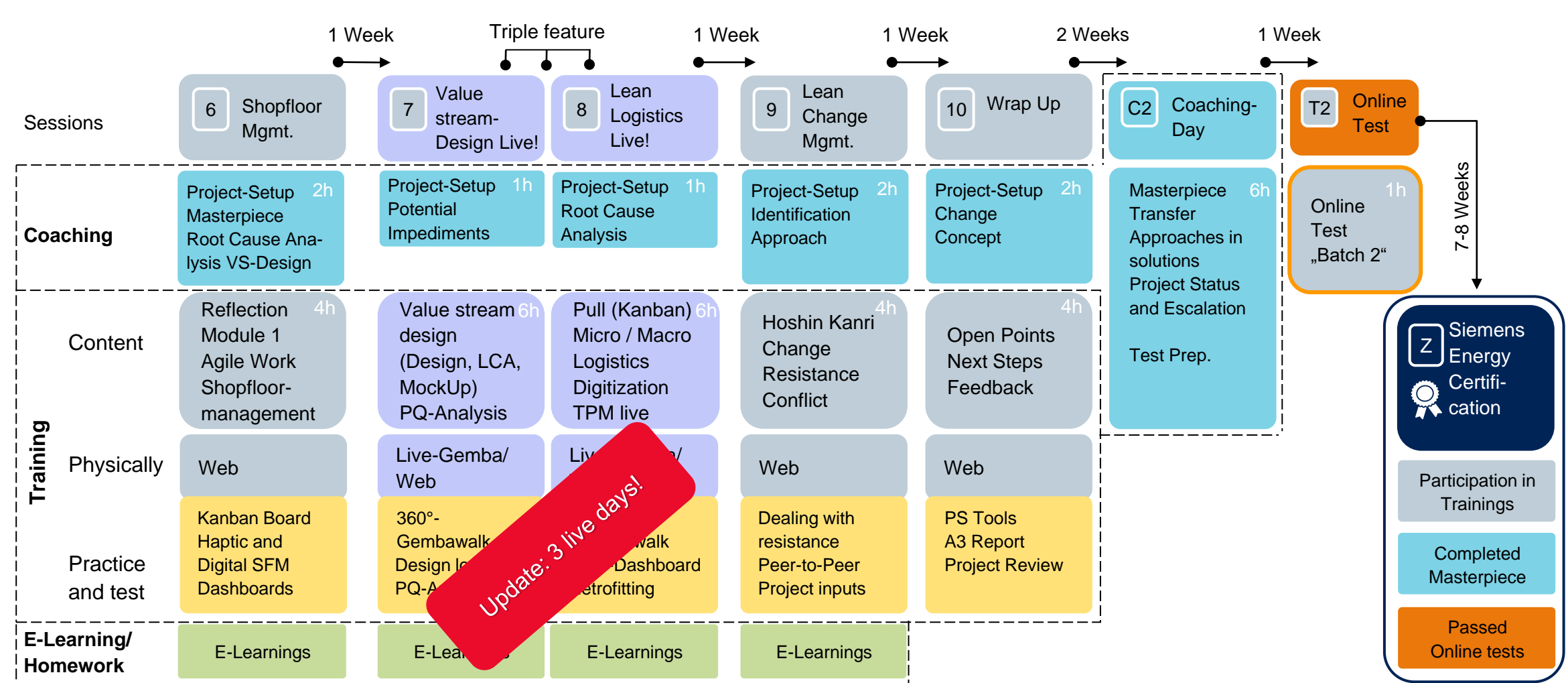
Insights



Module 1 – „Stabilization“ includes 5 training days incl. 2-3 days live streaming from the learning and research factory plus Setup & Kick-off, Coaching sessions and Online test



Module 2 – „Value Stream Design“ also includes 5 training days incl. 2-3 days live streaming from the learning and research factory plus coaching sessions and completion



The virtual training concept brings the shop floor to the participant screen on the basis of the media mix – in theory modules, group exercises and live streams

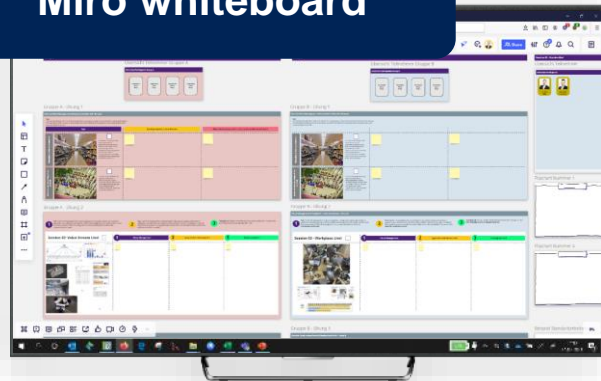
MS Teams



Analog interaction
digitally implemented



Miro whiteboard



The **targeted selection**
of the **media** used always puts
the **participant** at the **center** and
converts the **theory blocks**
to **Live Experiences**.

Live on-site-Streams



Augmented Reality Tour & Observations on and in the Value Stream of the Learning and Research Factory Bochum support the immersion of the participant in the Gemba



In the tour as well as during the exercise: appropriate media support brings the training participant to the Gemba!

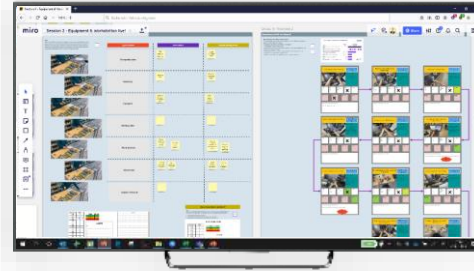
The didactic concept provides Gemba work and seeing learning "live" in the actual processes as well as in the target processes developed by the participants themselves

Live on-site Process (Actual State)



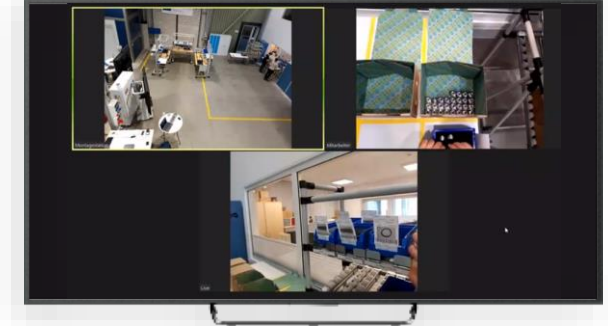
- Participants watch the training process live
- Live-Gemba e.g. via HoloLens, 360° video, Bird's View
- Live operators answer questions
- Live moderation trainers on site

Analysis Actual Process & Design Future State Process



- Analysis and design take place in the Digital Workplace
- Participants immerse themselves in group work and present their results in the forum
- Results of analysis and design remain digitally accessible to participants even after the training – ideal for their own project work

Live on-site Process (Future State)



- Based on the group work, the participants instruct the on-site employee in the execution of the target process
- Live comparison of time and re-observation of Gemba with maximum learning effect through review and mutual challenging
- Workstation best practice process
- Multiple improvement loops desired!



Live practiced in training – for example in Value stream analysis and design, SMED or Lean Logistics

1

2

3

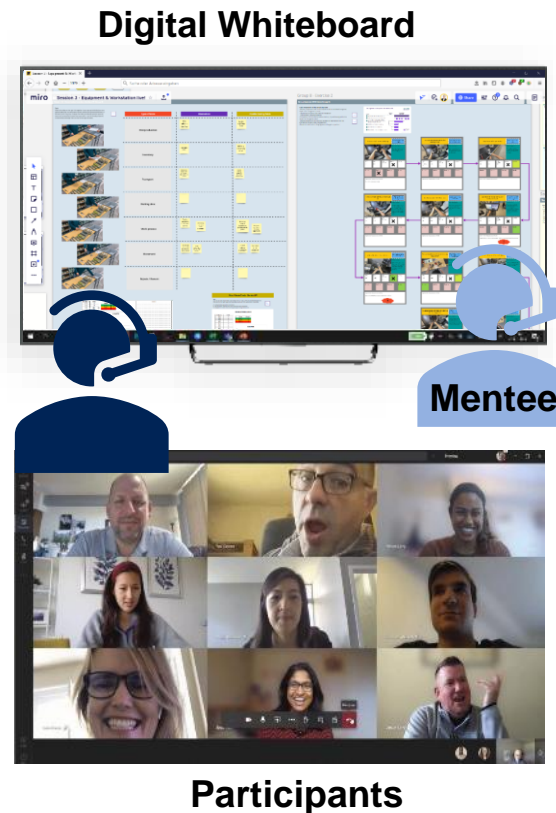
4

5

Virtual coaching on the job via group coaching sessions is carried out together with all participants

Virtual Coaching / on-the-job

- Joint **digital ascent** in the Miro by the participants
- Joint **review of progress**
- Critical **reflection** of **challenges** and **solutions** of one's own practical tasks
- Joint **removal of barriers**
- Support in the **method application** by the trainer
- The trainer acts as **feedback provider** and **input provider** for questions
- Defining **next steps**



Further Benefits

- Participant-spreading **exchange among themselves**
- Each participant **actively presents** his practice project regularly
- Get to know **best practice transfer** of procedures
- Promoting **team-reaching/cross-functional** understanding
- Building a **community**

In addition to participating in the online sessions, a successful knowledge test as well as a correctly performed and completed masterpiece are prerequisites for the certificate



Participation in the online training sessions
(> = 80 % required)



Implemented Masterpiece project with documentation in digital whiteboard according to template



Passed online knowledge test



Certificate from Siemens Energy & LMX



Participants participate exclusively "remotely" and require the usual equipment for mobile work

Remote equipment



PC or laptop with camera turned on
Optional: Second screen



Stable broadband internet connection



Quiet, undisturbed environment



Preferably headset with micro

Tools used in training

- For the training, the participants receive access for the tools used by the trainer-team

- Administration rights are not required!**

- Communication Tools: MS Teams and MS SharePoint



Microsoft Teams



SharePoint

- Digital whiteboard: Miro



- Surveys and quizzes: Mentimeter



Mentimeter

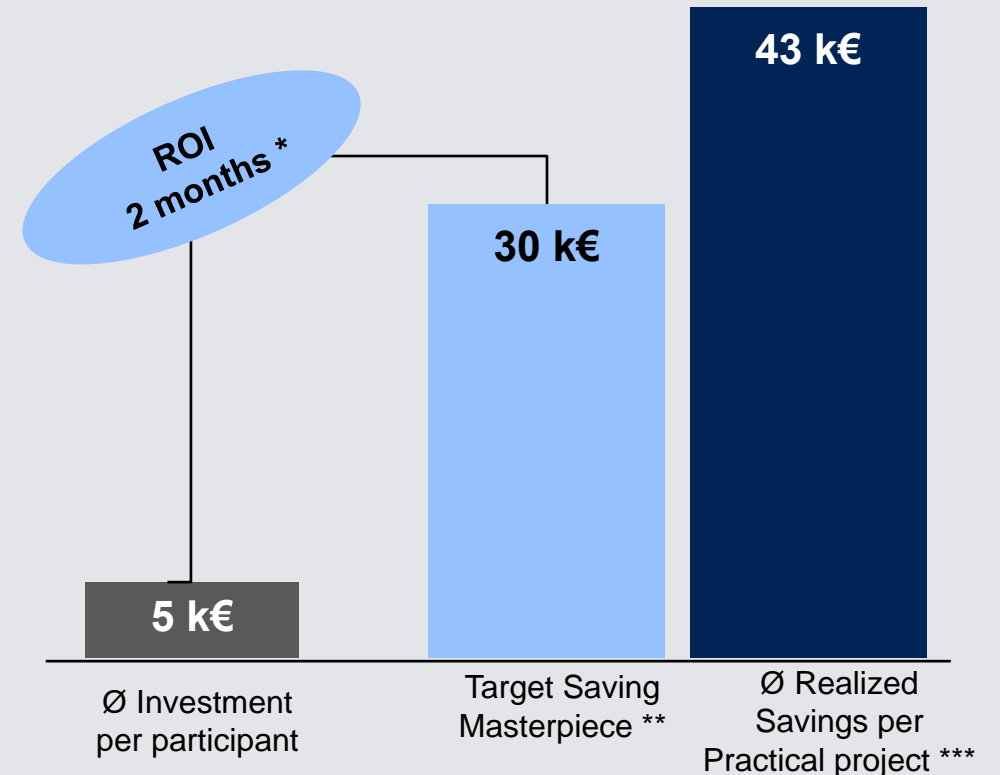
The LMX experience from comparable programs at SAG as well as at other well-known companies shows a short and therefore very economical amortization period

Qualitative Program Deliverables

- The **participants** of the program
 - are **trained in practice** (Theory & Practice through the **accompanying Masterpiece Coaching**)
 - learn how to safely use **innovative approaches** to professionally conduct **remote workshops** including **digital state-of-the-art tools**
 - have a **deep lean understanding** as well as **methodological expertise** about the common approaches and can use them in a targeted way
 - can **implement Lean/SPS projects** independently in their **own plant/location** and **cross-plant**
- The **sponsors** of the program
 - have **well-trained multipliers** for further **lean or SPS transformation** at the site
 - can appoint the **experts** for **further lean projects** to **improve** own and factory **KPIs** with short **amortization time (ROI)**

Quantitative Program Deliverables

Qualification Level 1+2: SPS-Expert@Siemens Energy



* Excluding internal costs such as personnel costs for participants and support in the implementation of the Masterpiece

** meets target per project from SPS expert program SAG ***Basis: Comparative values from LMX practice based on similar programs that have already been successfully implemented

Seite 12

LMX provides the participant management with all organizational preparation and follow-up of the training



Participant management and logistics

- Before training
- Registration and confirmation of registrations/orders
- Registration of participants incl. data maintenance

Participant communication

Invitation to the event incl. comprehensive information package

Individual support of the individual clients

Individual consultation of the participants on content and organizational issues

Training

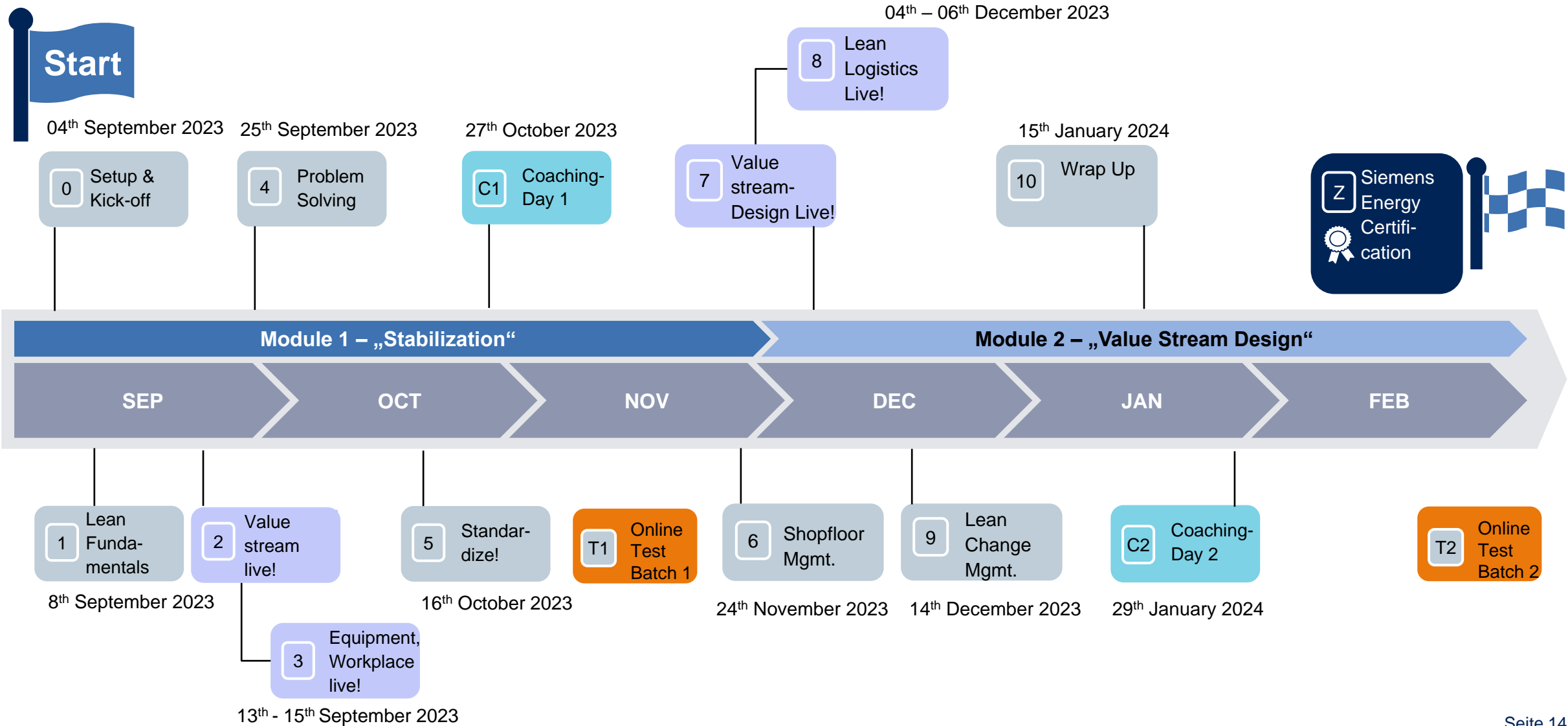
Handouts (digital)

- Feedback sheets
- Complaints

After training

- Evaluation feedback
- Issue of certificates
- Training documentation (such as photos, group work, etc.)
- Shipping of certificates
- Individual settlement with the participants

The timeline of the second virtual SPS run in 2023 is from 04th September 2023 – 29th January 2024



The total participation fee for at the SPS Expert@Siemens Energy Learning Program - Remote is 4.950 EUR



Specifications	Fee (€)
SPS Expert@Siemens Energy Learning Program – Remote <ul style="list-style-type: none">Module 1 „Stabilize“: 29.08.2023 - 17.10.2023Module 2 „Value Stream Design“: 28.11.2023 - 16.01.2023Minimum 10 participants – max. 12 participants12 days remote training / in GermanAll slots take place between 9 a.m. and 5 p.m. (CET)	4.950,- €

Offer conditions

- The participation fee plus statutory VAT will be charged **optionally by end of September or end of October** and is payable without deduction **within 30 days**
- LMX** reserves the right to **cancel the training up to 30 days** before the start date due to insufficient number of participants
- In case of cancellation by the **client**, a cancellation fee of the following amount will apply: the client can cancel **up to thirty (30) calendar days** before the scheduled start of the training **free of charge** and without replacement. In case of cancellation within **less than thirty (30) calendar days** prior to the start of the training, a **cancellation fee of 100%** of the price agreed for the training will apply
- Please trigger an **individual order** for LMX Business Consulting GmbH as supplier
- This offer is **valid** until 10th October 2023

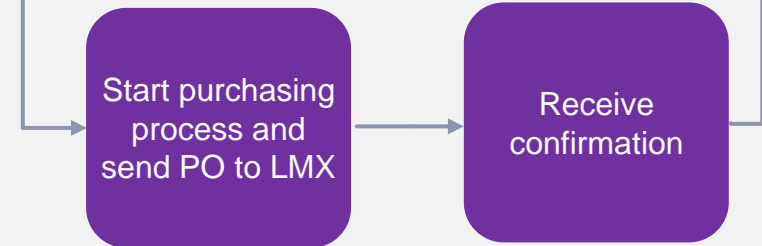
The application process at a glance

Registration via LMX website: <https://www.lmx.eu/en/lmx-trainings-siemens-energy-e/>

Participant



Siemens Energy Purchasing Department



Direct contact LMX

Please don't hesitate to contact LMX with all organizational matters around the training

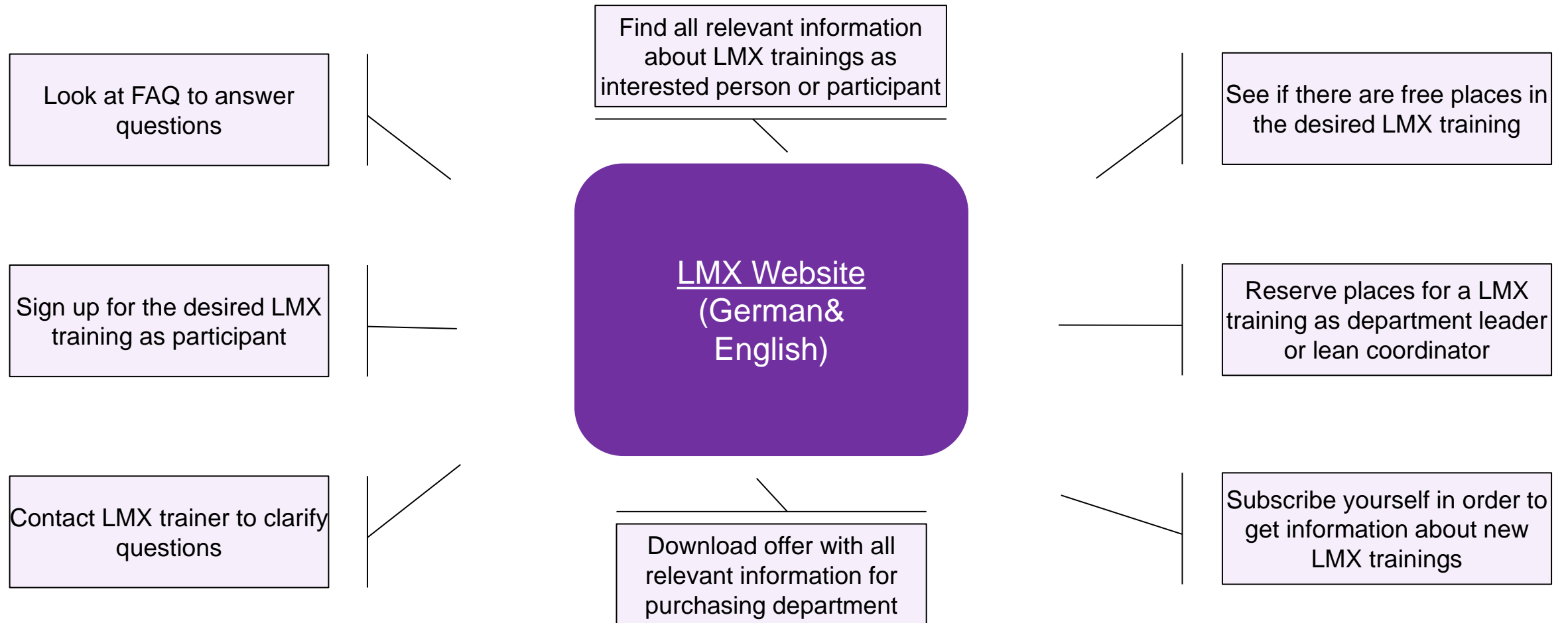


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All stakeholders (interested person, participant, purchasing department, lean coordinator) find relevant information on LMX website



Contact and vendor data LMX



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LMX

LEAN
EXCELLENCE