

**context:**

Certified Project Managers are sought by more and more companies urgently. Because for many companies Project management has become an absolute MUST to complete tasks effectively and to keep deadlines and costs under control.

The ISO/TS 22163 standard places very high demands on project management, i.a. also to the quality management in the projects. However, this often leads to significant problems, especially in medium-sized or smaller companies, especially if they are manufacturers only. We will show you how to correctly interpret the IRIS requirements (chapter 8.1.3) and introduce them sensibly in these companies with a sense of proportion.

your trainer:**Andreas Heinzmann**

As usual in the IRIS Academy, we will share our best knowledge first hand with you! In line with our credo "The Best for the Best in the Rail Industry", Andreas Heinzmann will present this seminar. He has gained his Project Management experience as one of the first project quality manager within the rail industry. Already since 1990 he worked in consortium projects with AEG Westinghouse, Siemens, DUEWAG, Wagon Union and later with LHB and Alstom. In total, he spent over 10 years in various, sometimes very complex, rolling stock projects. Among other things, he was also a member of the five-member team of experts, which has worked out the draft of the new ISO/TS 22163 standard. He provides you first-hand information that hardly anyone else could deliver.

**objectives:**

This practices-related course aims to explain the basic roles, processes and tools of a project manager as well as for a leader of a quality sub-project in the railway industry. In this seminar, you will learn the basic principles of project management to be able to apply them correctly even under special conditions. In particular, the course will also contribute to improving teamwork and communication in the team. We specialize and expand your knowledge specifically to these project topics where projects often fail in practice: the lack of professional quality management.

target group:

project manager, project team members such as owner of sub-projects or work packages, project quality manager (PQM), quality planner, project buyer, project engineers, project controller, change and configuration manager.

content:

Details can be reviewed by downloading the agenda and a preview of the training material (the topic of the reading sample is risk management) - links are on page 2. Specifically, we will elaborate on the following topics:

- 1) Introduction, project definition, project management cycle, project classification,
- 2) Integration Management, Project Mandate, PM Plan, PQMP, Product- and Process Approval Plan, FAI-Plan, Inspection & Test Plan,
- 3) Scope Management, work breakdown structure (WBS), product architecture – functional view and construction view,
- 4) Time Management, detailed project schedule (DPS), critical path
- 5) Cost Management, budgeting, controlling, cash flow management, Estimate @ Completion (EAC)
- 6) Quality Management, Gate Process, Gate Reviews/Checklists, Gate Principles, Open Issue management, Project reporting, Project Performance Indicators
- 7) HR Management, Core Team, Roles & Responsibilities, technical & behavioral competencies, Team Building, Belbin Assessment
- 8) Communication Management, clear Listening & Speaking, one roof concept / project meetings, control of project documents/archiving of records
- 9) Risk & Opportunity Management, monetary weighted Project FMEA, Risk provisions, Margin enhancements/savings, Quality Deficiency Cost / Cost of poor Quality
- 10) Configuration and Change Management, Change Process, – Request, – Notice, Change Control Board,
- 11) Stakeholder Management, Stakeholder Analysis, Customer satisfaction,
- 12) Procurement Management, Purchasing process, Material qualification and –approval,
- 13) many practical exercises and case studies from real life.
- 14) workshops to exchange and discuss best practices from the railway industry.

**5 good reasons
to choose us:**

We invest a significant portion of our time in the different bodies of the IRIS Group and so we always have the most up-to-date information. From the beginning we were deeply involved in developing and updating the IRIS standard, including its Audit-Tools. Recently we were represented in the 5-member core team drafting the ISO/TS 22163 standard. So we have more knowledge and background information from first hand than others.

We have huge experiences in nearly all scopes of the rail sector. Facing the operational reality every day, we are well positioned to come up with solutions that are already proven in practice. So we can equip you with real advantages over your competition.

We bring top experts together and so we promote the exchange of „BEST PRACTICES“ and networking. So far, we have trained more than 300 managers from the railway industry in this subject matter.

Our offers make sense and generate added value. If you really want to understand the PM requirements, its context and inter-correlation, then we invite you to share our knowledge with you. With us, you may save a lot of resources after the course, because you have understood how to tackle the matters during your introduction.

We train the "Champions League" and we are aware that we are not the cheapest, but we want to be the best. Nevertheless, overall, we provide the best value for money – fair and transparent.

key companies trained :



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language:	the lecture is presented in English
duration and dates:	4 exciting and intensive days (32 seminar hours). The seminar dates you can find in the course table at https://www.cc-rail.info/en/academy/
agenda:	Please download from our secure server to consider the start on the first day and the finish on the last day in your travel planning. http://www.cc-rail.info/wp-content/uploads/2018/10/Agenda-for-PM-en-rev01.pdf
venue:	the exact address of the training venue is mentioned under "Details" in the course table at https://www.cc-rail.info/en/academy/ or it will be communicated by E-mail after your registration.
seminar fee:	2.300 EUR for examination, extensive seminar papers, your certificate as well as the conference room & technology, drinks and lunch during the seminar. You will receive a pro forma invoice in advance for any internal orders. The official invoice will only be given if the course is guaranteed (latest 4 weeks before the start).
discount rates:	when registering more than 2 persons of a company: 5%, and in case of 3 or more persons: 10%
proof of performance:	after passing the exam, participants can receive the certificate as IRIS PROJECT MANAGER as well as a detailed proof of achievement. The certificates of the IRIS Academy serve as proof of IRIS knowledge for the next 3 years.
seminar papers:	the language of seminar papers is English. Our extensive and didactically very well prepared training materials are always up to date. Our training materials are globally used by many companies as guidelines and benchmarks.
handout sample:	please download from our secure server http://www.cc-rail.info/wp-content/uploads/2018/10/PM-reading-sample.pdf
customer satisfaction	CC-Rail is the world's first and still the only provider of a comprehensive IRIS training concept that meets a wide variety of requirements, ranging from 2-day events to challenging 40-hour IRIS seminars. We have invested more than 1000 hours in all these seminar preparations and offer much more than just "assisted reading". The IRIS Academy has been the "HIGH SCHOOL" for managers in the railway industry since 2009. It is globally known and highly appreciated in the industry for its unique training standard according its motto "only the best for the bests" as well as for its exceptional practical proximity. So far, more than 1500 managers from all continents have benefited from the seminars offered by the IRIS Academy. 98% of them rated our courses as "EXCELLENT" and recommend this to others. Hence you can look forward to a seminar that exceptional differs from all other events.
inquiries:	please send an e-mail to info@cc-rail.com or register at https://www.cc-rail.info/en/academy/
booking deadline:	Immediately after booking deadline, we must pay our reservations (travels, accommodation, conference arrangements, prints and your certificates). Therefore, it is very important for us that you sign up for the seminar as soon as possible in order to reach the economically required minimum number of participants. The booking deadline is usually 4 weeks before the start of the seminar. If the minimum number of participants will not be reached, unfortunately the seminar must be canceled. Therefore, please do not book your travel before you have received our official training invitation.