

Henrik Balslev

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Henrik Balslev was born in 1965, and completed his engineering degree in 1988, and from then on his career has been in consulting engineering, where he has held a wide range of positions within management and development. Since 2010, Henrik has been working as an independent specialist providing concepts for handling large and complex designs of systems. Today, by using international standards and experience from governance, Henrik is recognised as an international specialist in his field. His signature is practical application of theory. The practical Systems Engineering Concept® is an example of his constant effort to transfer application of ISO/IEC standards into daily use, combined with practical engineering & management know-how.

The list of clients includes among others Airbus Operations, Oersted (former DONG), FLSmidth, Semco Maritime and De Keizer Marine Engineering

Keywords

- **Common Technical Language**
- **Systematic Design Optimisation**
- **Knowledge Implementation**

Key competences

International Specialisation in Common Technical Language

As an international specialist in ISO/IEC 81346 standard series, and with a unique understanding of the technical aspects hereof, Henrik Balslev translates the theory of systems and their coding into practical and applicable ways of working. The result is recognised as a common international design language, as it overlaps technical and human-centred disciplines.

Persistent Systematic Approach to Design Optimisation

With a background as an engineer, and with offset in systems engineering processes and methods, Henrik Balslev facilitates a consistent and systematic design approach to complex designs in a wide range of industries, such as offshore installations, machinery, apparatus, building construction and technical plants. The result is always a crystal clear overview of design and engineering with a maximum control of requirements, stakeholders, relations and interfaces.

The Best of Management to Facilitate Improvements

Henrik Balslev takes the best from 15 years of practical governance and project management to implement necessary changes in environments or organisations, who wish to improve design and engineering performance. A personal involvement always applies when he encourages employees to take responsibility to improve and bring teams to a high level of design performance with a commercial twist.

Henrik Balslev

Founder and CEO

Selected
Key References

Designing and Implementing a Common Language

To create the baseline for semantics and interdisciplinary common understanding of civil aircrafts, systems thinking has been introduced and defined as a part of a large scale digital continuity project within a world leading manufacture of aircrafts.

Reference to key personnel of the project can be provided.

Facilitating and Improving Design - Renewable Energy

Change of low performance team and design to high performance, by means of Technical Situational Leadership and three basic engineering principles: Systematic design and control of interfaces, monitoring of stakeholder requirements and development of information levels. Change of red ink to black ink on three large-scale project economies.

Reference from the Vice President with responsibility of 135 persons can be provided.

Implementing 'Common Language' on a National Scale

Implementing a systematic approach and designing the new 'common language' on a national scale in the Danish Building Sector based on ISO/IEC 81346. The result has a direct impact on more than 3,500 stakeholders and is transferred and implemented as a new upcoming international ISO 81346-12 standard.

References from the CEO, CTO and Chairman of the Board can be provided.

Update of Plant Design to Handle Increasing Complexity

Implementation of international proven Systems Engineering concepts along with coding principles from ISO/IEC 81346 to refresh existing plant design to handle a constant increase in complexity of interfaces among disciplines and among hardware and software. The concept applies to the full life cycle of the plant, from idea over design and construction to operation and maintenance.

Reference from the Department Director can be provided.

See www.syseng.dk for all references.