
Logistics

Logistics is the management of how things get from origin to destination, from source to use. The scope of logistics also includes getting the planet to a better place sustainably by making improvements in system visibility, flexibility, and productivity. So, it's no longer just about how we get things to where we want them; it's also about how we survive. Share your thoughts with abb.review@ch.abb.com.

EDITORIAL

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Dear Reader,

There is always an element of satisfaction at the completion of a project, be it a car rolling off the end of a production line, or a process plant starting up for the first time. Much of the credit, however, goes to the activities in the background that bring together the materials, parts, tools, skills and data.

Scheduling relies on accurate data. Operators need to know what resources are available at any moment and how quickly they can be replenished. Managers need to know how to source and move resources, and reduce the costs and energy required.

In the following pages we present, among others, a tool that estimates stockpiles using visual analysis, and a software that optimizes the movement of stackers by anticipating oscillations. We look at sensors tackling marine emissions and enabling energy storage, artificial intelligence supporting operator decisions, and a transformation of spare parts management. As you will see, it's an exciting time for logistics.

Enjoy your reading,

A handwritten signature in black ink, consisting of a stylized 'B' followed by a series of loops and a horizontal stroke.

Björn Rosengren
Chief Executive Officer, ABB Group