

Manufacturing 4.0: Digital Transformation in Syngenta and beyond

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Industry 4.0, the Fourth Industrial Revolution and Smart Manufacturing are terms used in reference to the convergence of Operational technology (OT) and Information technology (IT). These paradigms promote a vision of interconnected and collaborative manufacturing systems able to respond, adapt and self-optimize to changing conditions in real time (ref: NSIT, Platform Industrie4.0).

The development path toward industry 4.0 starts with the computerization of physical processes to the transformation of the business and operating model enabled by digital technology and data intelligence.

Syngenta is actively engaged in reshaping its customer value proposition and operating model, in which Digital Agriculture, Digital Supply Chain and Manufacturing 4.0 programs are recognized as new sources of growth and profit generation.

Syngenta's Manufacturing 4.0 strategy is integrated within the value chain and organized around three main capability blocks: Smart Assets, Smart Operations and Technological foundation. This session will be an opportunity to share achievements, learnings and challenges to overcome for a successful manufacturing transformation.