# Integrated Business Planning

Teaching and Learning Environment
SAP University Competence Center Magdeburg

# The New Generation of Advanced Supply Chain Planning

SAP Integrated Business Planning is a cloud application for enterprise-wide supply chain planning that consists of various modules. These modules run on an integrated technology platform.

SAP IBP has preconfigured planning areas for the various modules. Each of these areas consists of a set of master data, key figures (time-dependent and time-independent) and planning operators (algorithms). The planning areas contain all functionalities required for the corresponding module.
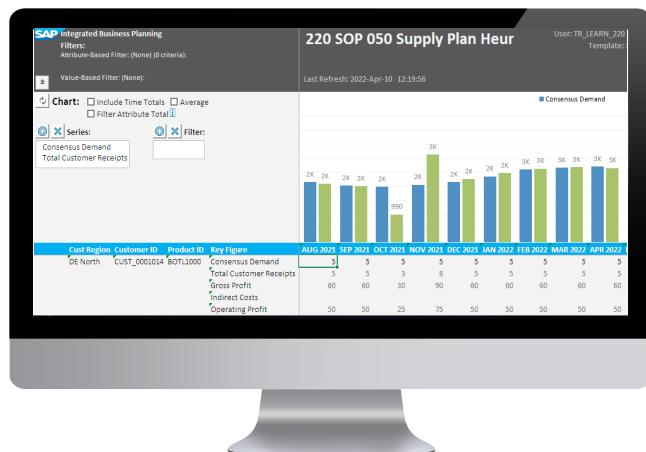
In addition, SAP IBP contains a Unified Planning Area (UPA) in which the different modules access the same data set.

## Special Features

- Various simulation options for answering what-if scenarios
- Flexible data model allows the addition of planning operators, master data, key figures and other attributes
- Builds on SAP HANA capabilities - easy and efficient creation of planning views and dashboards.

# The Curriculum

The individual processes are developed with a modular approach. The curriculum contains presentation slides, introductory exercises and case studies on the use of the Fiori Launchpad and the SAP IBP Excel Add-In.



## Sales & Operations Planning

- Ideal introduction to mid- to long-term supply chain planning
- Demonstration of sales planning in sales, marketing and financial planning using an infinite heuristic and a realistic scenario

## Demand Planning 1: ABC/XYZ- Segmentation

- Demand planning as a main function of mid-term supply chain planning
- Demonstration of an ABC/XYZ segmentation within a realistic scenario using a selection of finished goods using preloaded historical data of the past 12 months

## Demand Planning 2: Statistical Forecasting

- Demand Planning as a main function of mid-term supply chain planning
- Demonstration of demand planning using statistical forecasting techniques on the example of Global Bike's trade goods.
- Use of statistical planning on heuristic data

## Carbon Footprint Analysis

- Illustrates the calculation and analysis of the carbon footprint along the supply chain with SAP IBP
- Integrates sustainability considerations into supply chain planning by analyzing carbon emissions at the product level
- Uses Global Bike data to identify raw materials and emission factors, calculate carbon emissions per unit and overall, and analyze material decisions in terms of their impact on the product footprint

**Trial Account**
SAP UCC offers one-month trial access to an IBP system free of charge. If you are interested in a trial account, please contact trial@ucc.ovgu.de.

## Services for teaching, research and co-innovation

SAP University Alliances is a global program that provides more than 3,000 universities with free SAP software licenses for academic purposes. Within this program the SAP University Competence Centers (UCC) host SAP solutions for teaching, research and co-innovation.

In addition UCCs develop and manage academic teaching materials to assist lecturers and researchers. While UCCs assure 24/7 availability of complex system landscapes and support users closely, faculty members can fully concentrate on their core competences: teaching and research.

By using our scenario-based and practical curricula on latest SAP solutions, lecturers and students can reach their full potential. Our comprehensive teaching materials consist of presentations, case studies and hands-on exercises. Additional teaching tools facilitate continuous student assessments and foster group discussions.

Our experts can support you through all phases.

### Contact

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