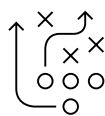


IBM Envizi with Planning Analytics

Add AI-infused sustainability planning and forecasting power to your ESG data foundation



Provides enterprise-grade planning and forecasting solutions for sustainability decision-making



Helps ensure sustainability plans are based on robust ESG data



Offers prebuilt planning templates to support GHG emissions disclosure and emissions reduction planning

As climate disclosure requirements continue to grow and climate commitment dates established in Science Based Targets initiative (SBTi) and Net Zero targets draw ever closer, many organizations are anxious to meet their sustainability targets with detailed climate transition plans and forecasts. Planning and forecasting for sustainability should be integrated with existing financial and operational planning processes. However, existing planning and forecasting tools are not well equipped to manage environmental, social and governance (ESG) data.

The IBM® Envizi™ Planning Analytics add-on offers specialist functionality to support the unique requirements of ESG planning and forecasting integrated with a whole-of-business planning suite. The solution combines the robust Envizi ESG data model along with planning and forecasting elements found in IBM Planning Analytics.

An API-based integration and automated processes transfer your data from Envizi into a multidimensional database ready for use by the IBM Planning Analytics add-on. Prebuilt ESG planning templates are formatted, organized and populated with formulas designed to support targeted workflows for GHG emissions forecasting and emissions reduction planning.



The integration helps you perform complex modeling and forecasting on your ESG data foundation using multiple variables and “what-if” scenarios. Automated daily updates add confidence that you’re working with the latest data so you can trust your analyses.

Advanced planning and forecasting capabilities applied to ESG data

This solution brings robust planning functionality more often found in financial planning tools to the sustainability domain. It opens the world of complex planning and forecasting to sustainability professionals and gives cross-functional stakeholders access to robust, auditable ESG data. Planning features include:

- **AI-driven model selection, historical trend analysis and outlier detection**
This solution employs time-series AI algorithms for analyzing and modeling forecasting data over time. It also helps detect seasonality and trends as well as enhance forecasts with automated outlier detection and correction.
- **Multivariate forecasting: Considering multiple variables to create nuanced forecasts for planning.** This capability can improve accuracy by analyzing trends and interactions among multiple variables, factoring in both historical and projected future values. It allows you to forecast energy usage and emissions while adjusting for variables such as headcount and production volumes.

Robust ESG data as the foundation for your emissions plans

Your plan can only be as good as the data on which it’s based. The Envizi Planning Analytics add-on solution uses the Envizi robust data management foundation and emissions calculation engine. Envizi automatically captures data from a wide range of sources such as ERP and finance systems, property management databases, supplier data files and other business platforms. Next, the data is normalized and harmonized, converted into comparable units and time periods, and subjected to data audits and health checks to help ensure data integrity. Emissions calculations are conducted using embedded factor libraries and an emissions factor-selection algorithm. Trace-to-source and change tracking capabilities are included to enhance data assurance and audit processes.

The difficult task of transforming your ESG data into multidimensional cubes for analysis and planning is done for you, helping you work faster.



IBM Planning Analytics is ranked as a Leader in the Forrester Wave™ for Digital Operations Planning and Analytics, Q4 2023.²

Planning templates for GHG emissions disclosure and planning

If you want to model, track and analyze your GHG emissions reduction trajectory, and create your climate transitions plans, you can benefit from the built-in planning templates designed to support these requirements.

These prebuilt templates help you assess impact and ROI of your decarbonization initiatives. They're flexible enough to support the development of custom solutions to meet your most rigorous custom planning requirements.

The Envizi Planning Analytics add-on is a modular solution offered as part of the extensive Envizi suite of sustainability solutions. As with other Envizi modules, this solution is delivered using a software as a service solution. The module includes 8GB of RAM, 256GB of storage and access for up to ten users.

Conclusion

IBM Envizi Planning Analytics add-on brings together ESG data and enterprise-grade planning and forecasting capabilities. ESG, finance and planning practitioners can forecast and plan with confidence to help meet ESG disclosure requirements and make data-driven decisions on decarbonization initiatives.

Why IBM?

IBM Envizi has been helping organizations automate the capture and management of environmental, social, and governance (ESG) data into a single system of record for over a decade. The software suite helps calculate GHG emissions, streamline sustainability reporting and disclosure, and identify and manage decarbonization opportunities.

IBM Envizi is ranked as a leader in GHG Emissions Accounting and ESG reporting and data management by independent analyst firm Verdantix.¹ In addition, IBM Planning Analytics is ranked as a Leader in the Forrester Wave™ for Digital Operations Planning and Analytics, Q4 2023.²

For more information

To find out more about how to transform ESG data using planning and forecasting, [contact your IBM representative](#) or visit [IBM Envizi with Planning Analytics](#).

Request a live demo →

1. IBM Blog, "IBM Blog, "A leader in GHG Emissions Accounting and ESG reporting and data management," December, 2023".
2. Forrester, "Forrester Wave™ for Digital Operations Planning and Analytics," Q4 2023.

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