

Transforming the Sustainability Reporting Process

Business Need:

- Data in silos-multiple systems and multiple data providers
- Internally built tools & spreadsheets for reporting and tracking
- Limited visibility to reliable and meaningful performance data

Solution:

- Streamlined the data capture processes
- GHG and energy reporting with target tracking
- Automated GHG emissions calculation

Outcomes:

- Consolidate data foundation for all geographies and all groups
- Streamline data capture from diverse sources
- Additional analytics across energy, utility billing and efficiency projects
- Outputs accessible to all stakeholders to monitor progress towards goals
- ESG Data visualization in customized dashboard



IBM Global Real Estate

Envizi: Platform to automate, centralize & enhance the collection, analysis, & reporting of ESG data

Business Need:

- Track and report scope 1 and 2 emissions
- Improve data capture & reporting efficiency
- Modernize legacy systems

Solution:

- IBM used an enterprise [design thinking framework](#) to identify pain points and potential solutions.
- IBM used the Envizi platform to take emissions calculations out of spreadsheets and extensive platform built on the GHG Protocol.

Outcomes:

- [Automated data capture](#) for utility data
- Centralized conservation project planning and tracking, and enhanced analytics and visualization
- Reduced report development time
- [Satisfied auditors](#) with finance grade data management
- [Achieved global coverage](#) with multi-country, multi-currency and multi-metric conversion
- Leveraged Envizi's modeling tools to optimize emissions reductions
- Replaced four tools for energy management to one platform



APAC Palm Oil Sourcing Co.

Carbon Accounting for Palm Oil Supply Chain

Business Need:

- Calculate carbon emissions through the supply chain process of palm oil

- Fastest growing palm oil company in Indonesia

Solution:

- Carbon Accounting and Optimization (Farm to Mill) using a DNDC model
- Regenerative Palm: Increase Yield, Reduce Inputs through crop health monitoring and remote sensing which helped TAP to optimize chemical inputs and prioritize physical visits

Outcomes:

- Precise GHG measurement on farms
- Achieved [90% accuracy](#) in estimating soil moisture
- Achieved [80% accuracy](#) in estimating crop yield in the next 12 months. Helped to replace/reduce manual yield estimation

