

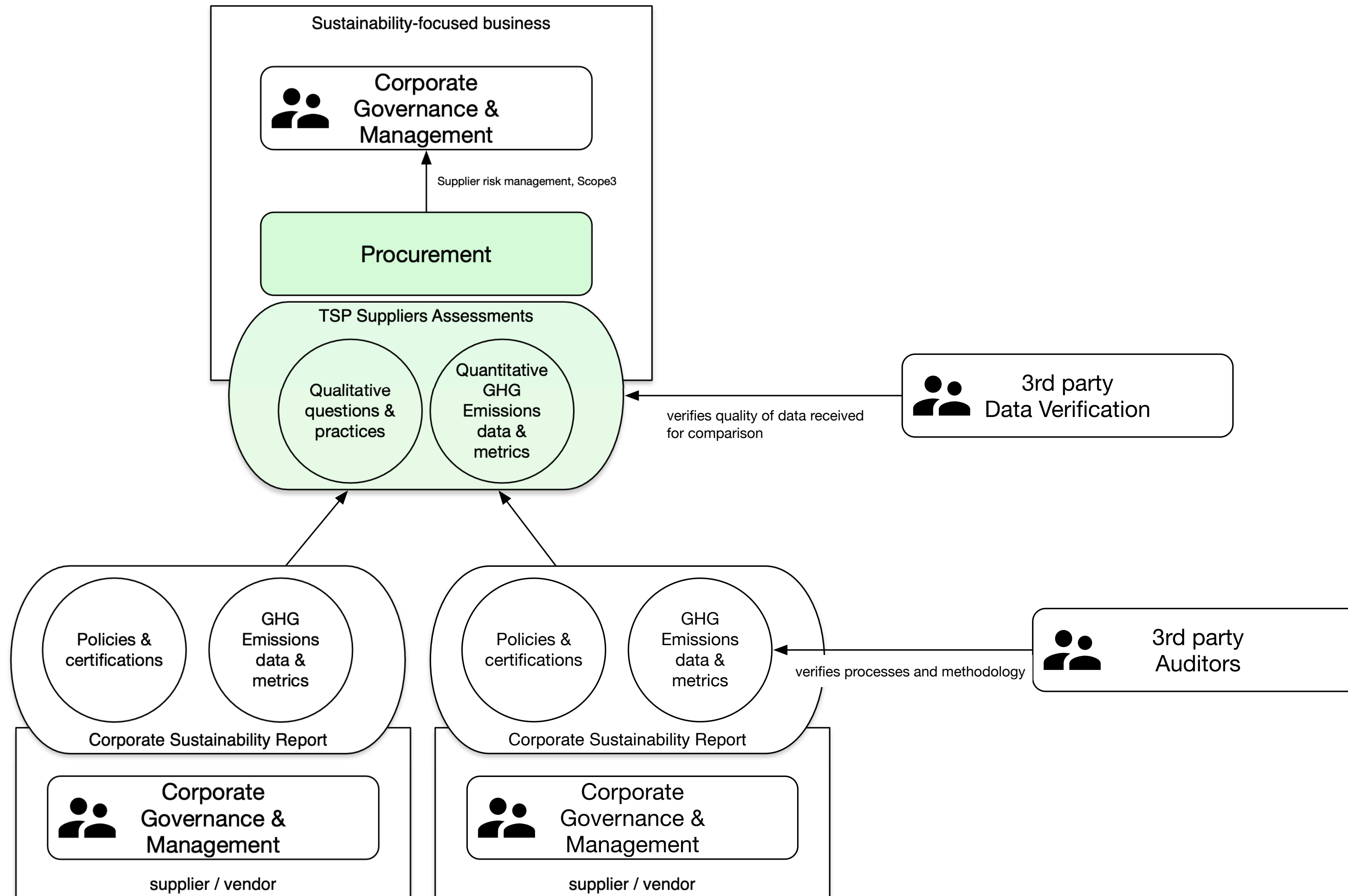
Transparent & Sustainable Procurement (TSP) API Overview

TSP for Suppliers Sustainability Initiatives Since 2018



Where does TSP fit in reporting workflows?

Supply Chain Sustainability Programs



For sourcing events

Industry-standard lightweight Environmental, Social and Governance questionnaire bundled with Desktop verification that sets **across the board expectations**.

"This tool reinforces our internal goals by signaling our leadership that this is what our clients are asking us to do and the direction the industry is going in."
- ESG leader at transformers supplier

For improvement planning

Systematically **identify supply chain gaps against industry peers**, create guidelines and deliver training.



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Successful Campaigns

Many choices to make ...

- Industry Questionnaires
- What questions to ask?
 - How to phrase questions for verifiability?
 - Are score points attributed? How?
 - How are questionnaires revised year-over-year?

- Suppliers Engagement
- Who should be surveyed? 80% spend, or something else?
 - Who is the relevant point of contact at a surveyed organization?
 - Are the surveyed organizations willing to engage with customers or investors?
 - Are expectations clearly communicated to respondents?

- Data Verification
- Is it an on-site or pure desktop verification process?
 - Do verifiers engage with respondents for clarification as necessary?
 - Are supporting documents read and verified for relevance?
 - Are verification grades normalized to prevent reviewer bias?

- Annual Reporting
- Normalization of quantitative data units (ex: kg vs. lbs)?
 - Which statistical methods are used to analyze responses?
 - Are nominative answers shared? Who with?
 - How is the final output presented?
 - How to deal with M&A in year-over-year trends?



TSP - Successful Campaigns

... Open Source, AI-powered, backed by real Humans.

- Industry Questionnaires
- Questionnaire editors
 - Support for qualitative and quantitative questions, required and optional answers.
 - Predefined questionnaires - ex: Environmental questionnaire (24 industries, 405 actionable practices) mapped to reporting frameworks (e.g. CDP, GRI, SASB/ISSB)

- Suppliers Engagement
- Contacts validation, sending reminders
 - Invite suppliers, contributors, and assign roles
 - Training materials (Video tutorials, Webinars, FAQs)
 - US-based support team, clear cybersecurity and confidentiality policies (SoC2 certified)

- Data Verification
- AI-powered verification workflows
 - Working with third-party certified audit partners (APSCA, etc.)
 - Flexible pricing based on compliance level, and percentage of responses verified

- Annual Reporting
- Peer-based anonymized aggregated comparison
 - Designed for corporate and industry alliances reports
 - Double opt-in data sharing workflows for compliance with anti-trust regulations



TSP - Used by 28 Energy Utilities

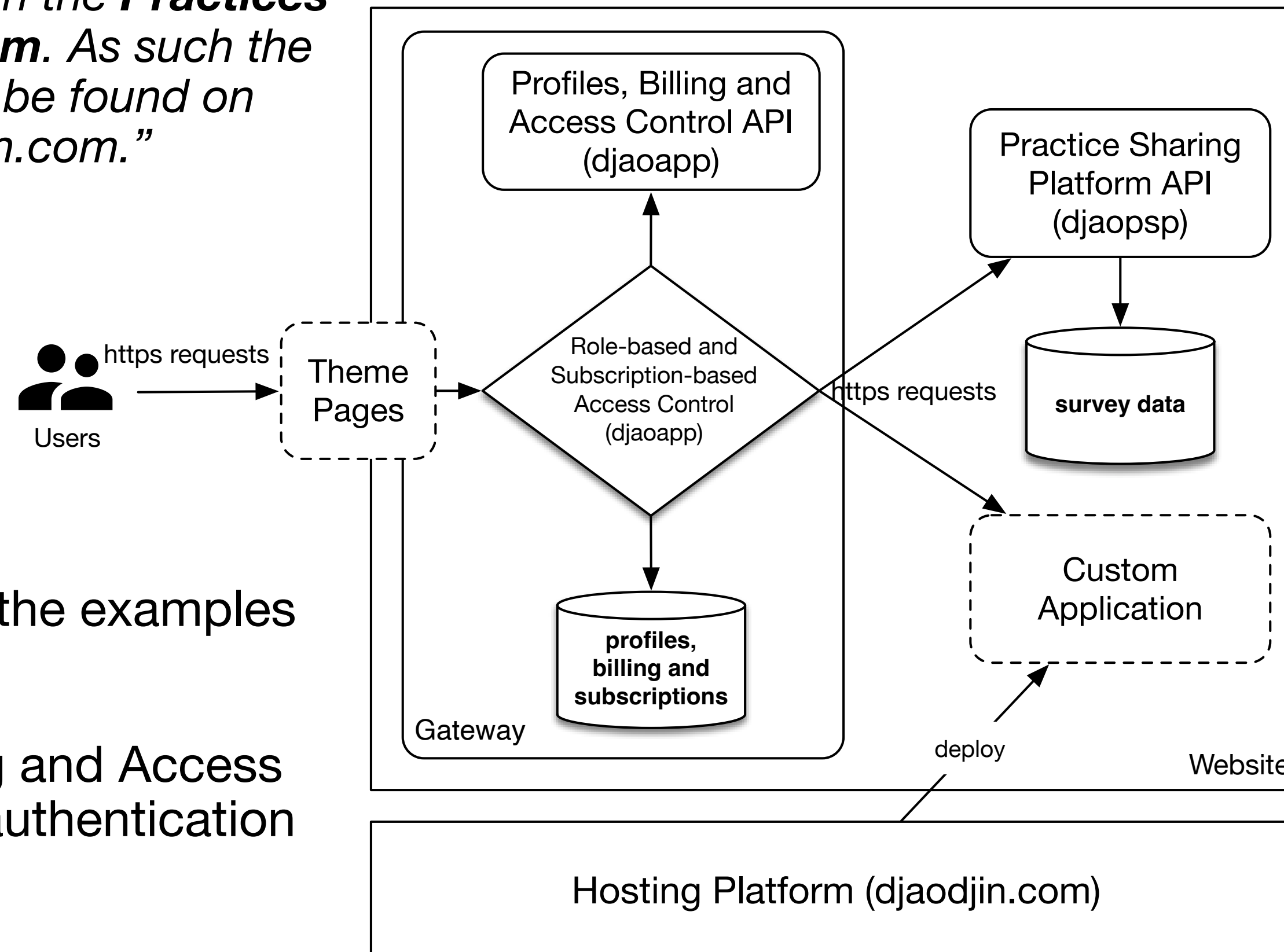
Since 2018 TSP has supported Energy Utilities across North America to manage their suppliers ESG risk assessments through the Sustainable Supply Chain Alliance.



www.tspproject.org
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Where to find API documentation?

*“tspproject.org is one tenant in the **Practices Survey Platforms eco-system**. As such the technical documentation can be found on the hosting platform - djaodjin.com.”*



TIPS

- Use www.tspproject.org in the examples given.
- Look at the “Profiles, Billing and Access Control” API reference for authentication and permissions.
- Look at the “Practices Survey Platform” API reference for Utility dashboards and suppliers data.

GEOGRAPHICAL LOCATION

All machines are hosted in AWS US regions.

ENCRYPTED DATA IN TRANSIT

All HTTP requests to tspproject.org are done through SSL.

ENCRYPTED DATA AT REST

EBS disk volumes on which databases are stored is encrypted using the industry-standard AES-256 algorithm.

ROLE-BASED ACCESS CONTROL (RBAC)

User session management is implemented through DjaoDjin enterprise-grade RBAC Gateway.



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Where to start?

APIs you are most likely to use to integrate with an internal ERP system

Profiles, Billing and Access Control API

(<https://www.djaodjin.com/docs/reference/djaoapp/2023-09-22/api/>)

- Auth & credentials
- Billing
- Metrics
- Profile
- Roles & rules
- Subscriptions
- Themes

Practices Survey Platform API

(<https://www.djaodjin.com/docs/reference/djaopsp/2023-09-22/api/>)

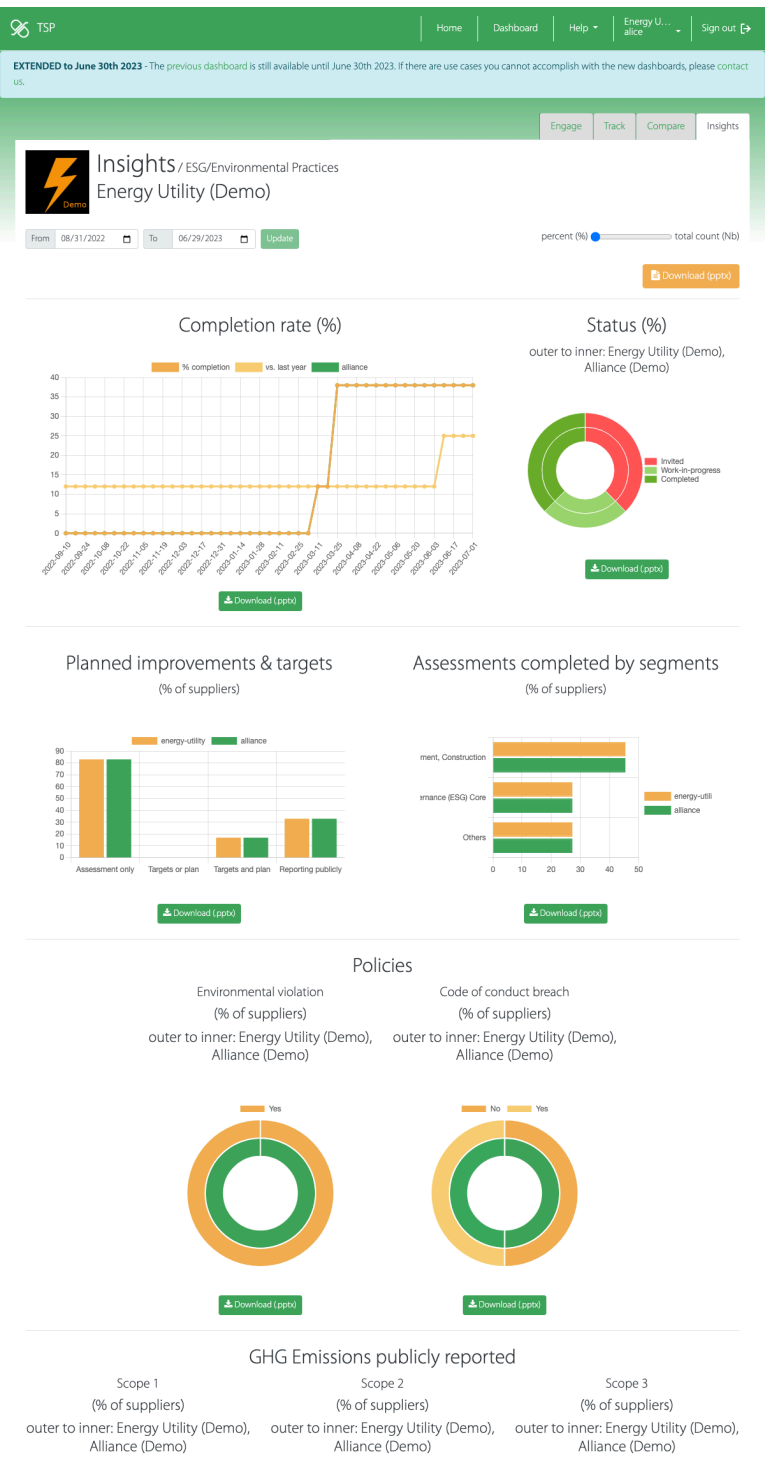
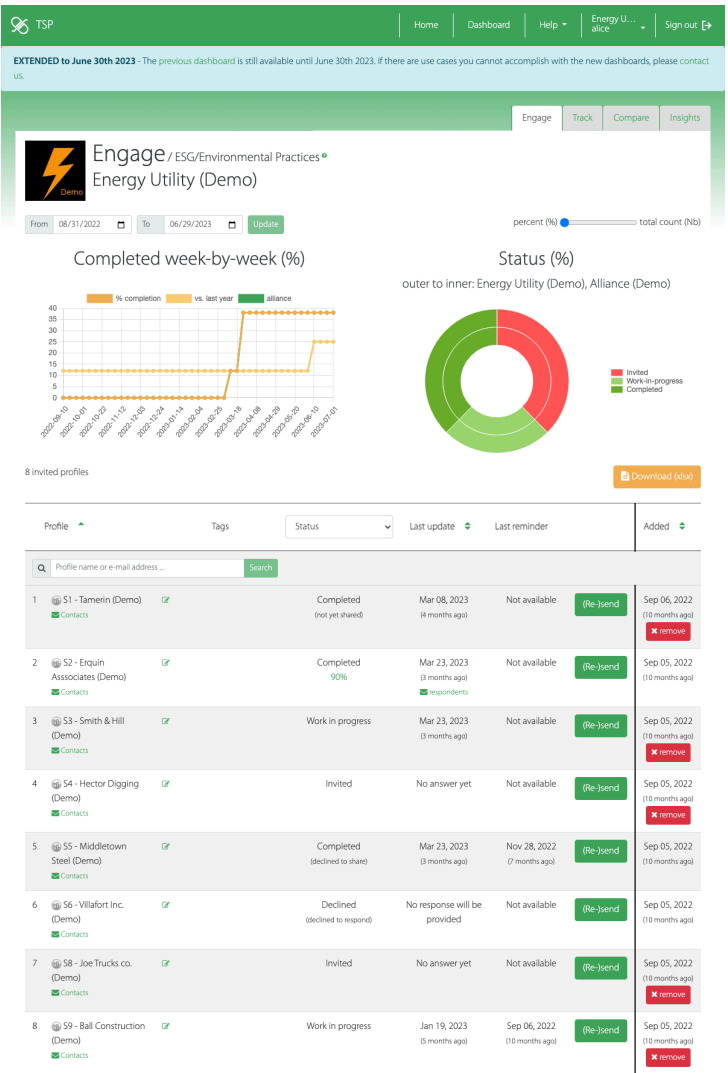
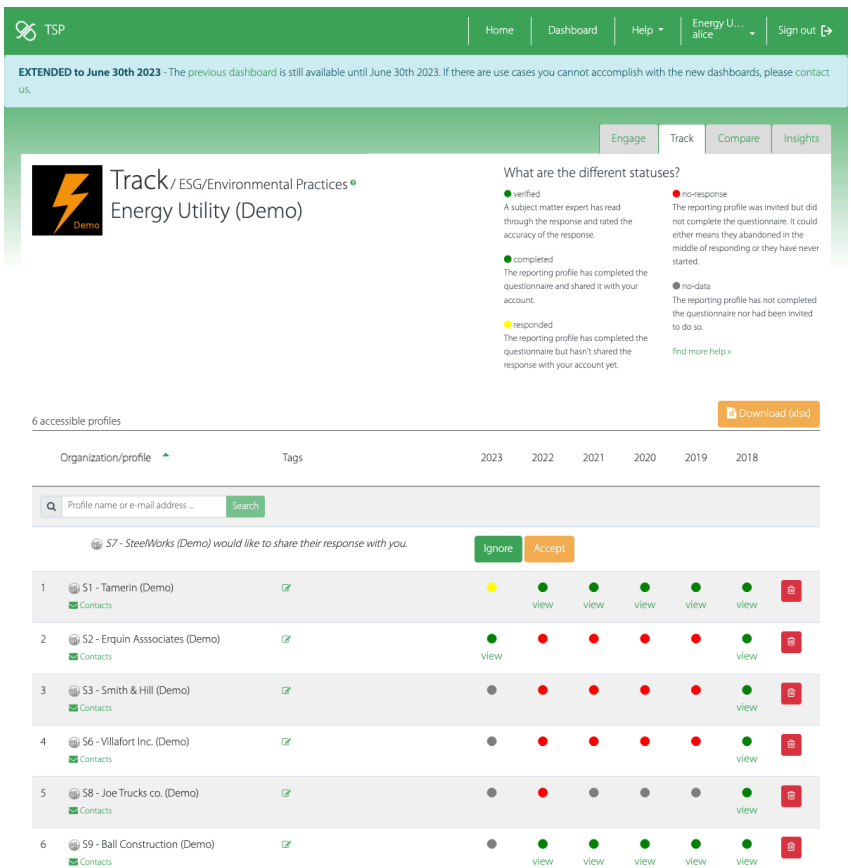
- Assessments
- Sharing
- Reporting
- Content readers
- Content editors



2023 Dashboards

Each dashboard is built on a primary API endpoint

- **‘Track’** dashboard for year-round supplier relationship management
- **‘Engage’** dashboard to drive annual assessments completion rate
- **‘Insights’** dashboard to report supply chain statistics to stakeholders



API Highlights

LISTS TRACKED SUPPLIERS

GET /api/{profile}/reporting/{campaign}/accessibles

Example: GET /api/energy-utility/reporting/sustainability/accessibles

LISTS ANSWERS FOR A SUPPLIER ASSESSMENT

GET /api/{profile}/sample/{sample}/content

Example: GET /api/energy-utility/sample/DDA134C8B4DA487DA9169E771794DEED/content

Full tutorial at <https://www.djaodjin.com/docs/tutorials/djaopsp/api-suppliers-data/>



Thank you

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