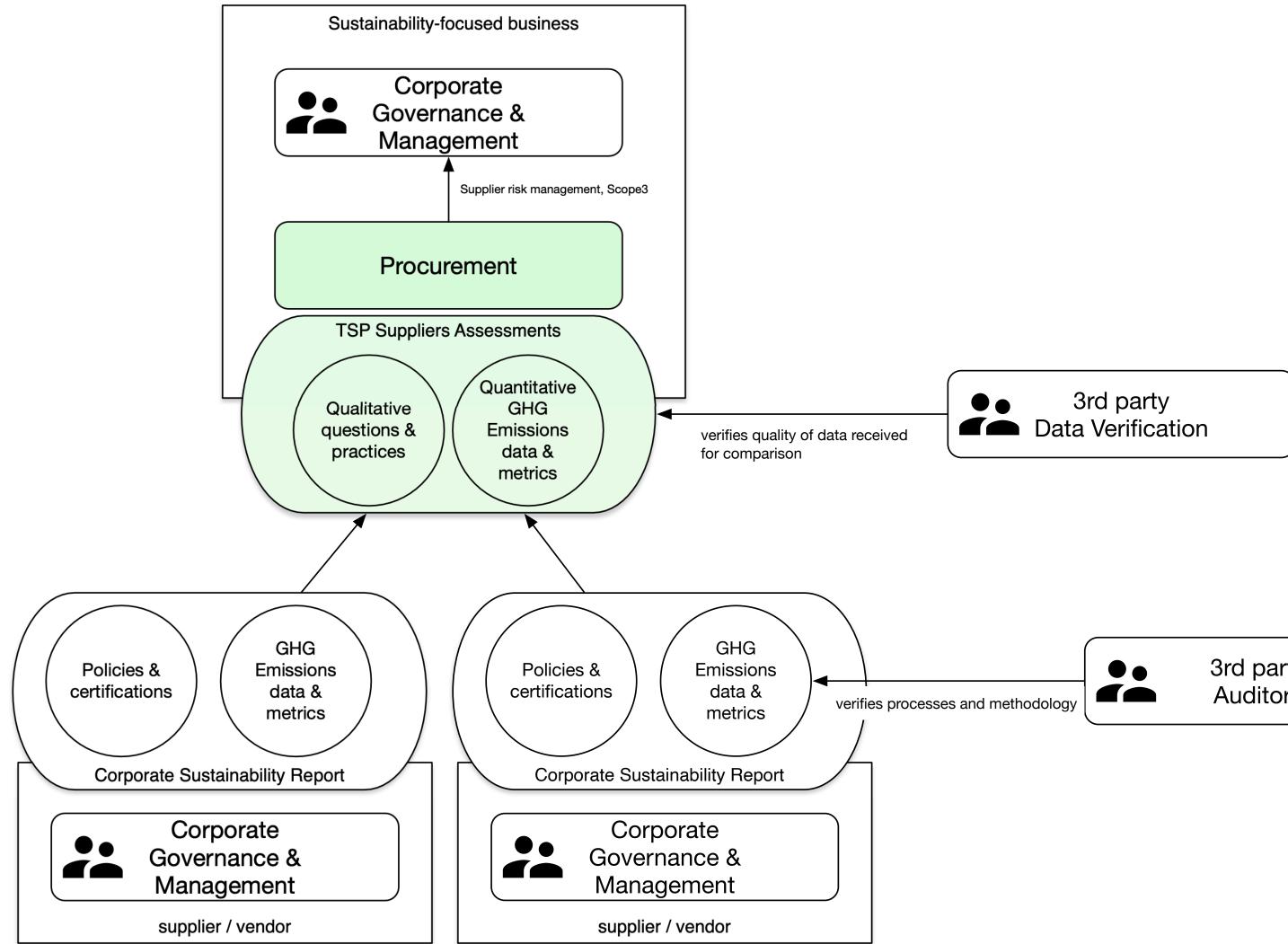
Transparent & Sustainable Procurement (TSP) API Overview

TSP for Suppliers Sustainability Initiatives Since 2018





Where does TSP fit in reporting workflows? **Supply Chain Sustainability Programs**



3rd party Auditors

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."

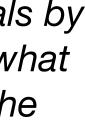
- ESG leader at transformers supplier

For improvement planning

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











Successful Campaigns Many choices to make ...

Industry Questionnaires	 What questions to ask? How to phrase questions Are score points attribute How are questionnaires restricted 				
Suppliers Engagement	 Who should be surveyed Who is the relevant point Are the surveyed organiz Are expectations clearly 				
Data Verification	 Is it an on-site or pure des Do verifiers engage with r Are supporting document Are verification grades no 				
Annual Reporting	 Normalization of quantitate Which statistical methods Are nominative answers s How is the final output presented How to deal with M&A in statistical with with with with with with with with				



for verifiably? ed? How? revised year-over-year?

? 80% spend, or something else? of contact at a surveyed organization? ations willing to engage with customers or investors? communicated to respondents?

esktop verification process? respondents for clarification as necessary? ts read and verified for relevance? ormalized to prevent reviewer bias?

tive data units (ex: kg vs. lbs)? s are used to analyze responses? shared? Who with? resented?

year-over-year trends?





TSP - Successful Campaigns ... Open Source, Al-powered, backed by real Humans.

Industry Questionnaires	 Questionnaire editors Support for qualitative an Predefined questionnaire actionable practices) map 				
Suppliers Engagement	 Contacts validation, send Invite suppliers, contribut Training materials (Video 1 US-based support team, 				
Data Verification	 AI-powered verification w Working with third-party c Flexible pricing based on 				
Annual Reporting	 Peer-based anonymized a Designed for corporate ar Double opt-in data sharin 				

nd quantitative questions, required and optional answers. es - ex: Environmental questionnaire (24 industries, 405 pped to reporting frameworks (e.g. CDP, GRI, SASB/ISSB)

ding reminders tors, and assign roles

- tutorials, Webinars, FAQs)
- clear cybersecurity and confidentiality policies (SoC2 certified)

vorkflows certified audit partners (APSCA, etc.) n compliance level, and percentage of responses verified

aggregated comparison and industry alliances reports ng workflows for compliance with anti-trust regulations





TSP - Used by 28 Energy Utilities

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











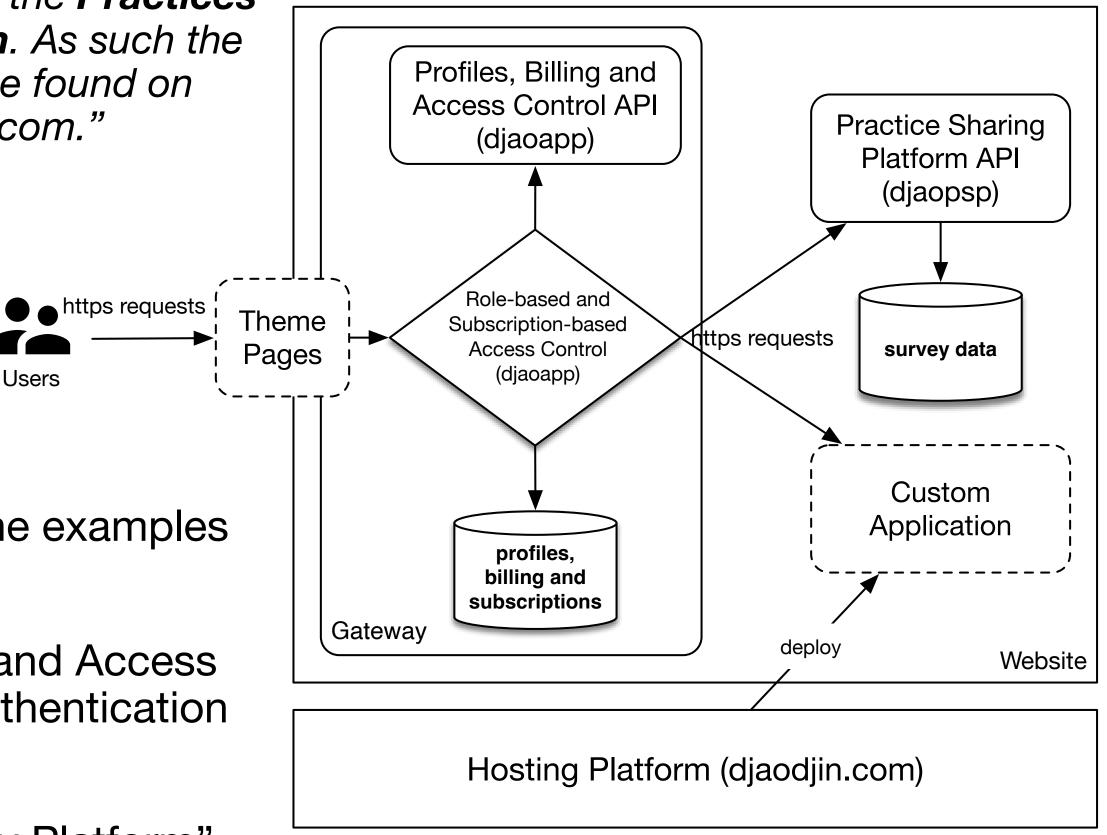
Where to find API documentation?

"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."

Users

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.





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





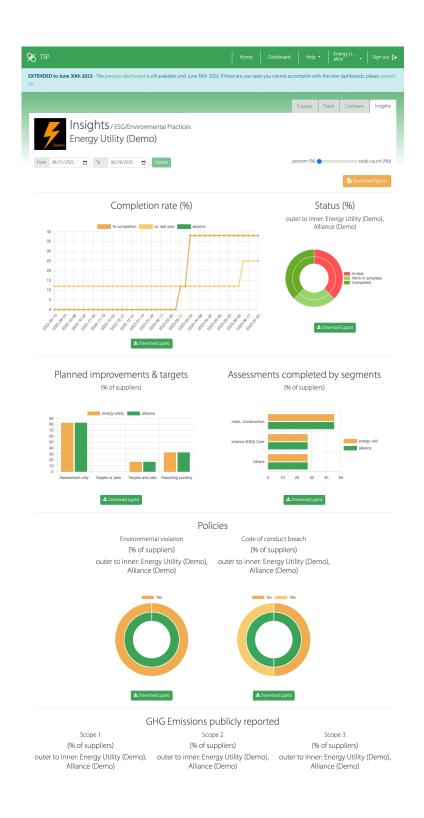
2023 Dashboards Each dashboard is built on a primary API endpoint

- **'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



𝕉 TSP							Ene alice	rgyU ≌ ▼	Sign out [→
EXTENDED	O to June 30th 2023 - The previous dashboar	d is still available until June 30th 2023. If there	are use ca	ses you can	not accom	plish with	the new o	dashboards, p	lease contact
					E	ngage	Track	Compare	Insights
Track / ESG/Environmental Practices® Energy Utility (Demo)			What are the different statu • verified A subject matter expert has read though the response and rated the accuracy of the response. • completed The reporting portie has completed the questionnaire and shared it with your accurat. • responded The reporting portie has completed the questionnaire but hasn't shared the response with your accurat, the				SES? • no-response The reporting profile was invited but did not complete the questionnaire. It could either means they abandoned in the middle of reponding or they have never started. • no-data The reporting profile has not completed the questionnaire nor had been invited to do so. find more help >		
	iible profiles rganization/profile	Tags	2023	2022	2021	2020	2019	Downl 2018	oad (xlsx)
٩	Profile name or e-mail address Search								
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	⑥ S9 - Ball Construction (Demo) S Contacts	æ	٠	• view	• view	• view	• view	view	

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EXTEND US.	DED to June 30th 2023 - Th	e previous dashboard is still av	vailable until June 30th 2023. If the	re are use cases you ca	annot accomplish with	the new dashboard	s, please contact			
					Engage	Track Compar	e Insights			
		e / ESG/Environmenta Utility (Demo)	al Practices ®							
From	n 08/31/2022 🗂 To	06/29/2023 🗖 Upd	late	percent (%) 🔵 ———————————————————————————————————						
	Complete	d week-by-wee	Status (%)							
	% completi		outer to inner: Energy Utility (Demo), Alliance (Demo)							
		and	and			Unvite Work Comp	d In-progress letead			
8 invi	ited profiles					Do:	wnload (xlsx)			
	Profile 🕈	Tags	Status 🗸	Last update 🗢	Last reminder		Added 🗢			
٩	Profile name or e-mail addres	ss Searc	h							
1	⊕ S1 - Tamerin (Derno) ■ Contacts	œ	Completed (not yet shared)	Mar 08, 2023 (4 months ago)	Not available		Sep 06, 2022 10 months ago) X remove			
2	∰ S2 - Erquin Asssociates (Demo) ■ Contacts	ß	Completed 90%	Mar 23, 2023 (3 months ago)	Not available		Sep 05, 2022 10 months ago)			
3	i S3 - Smith & Hill (Demo) ■ Contacts	C2	Work in progress	Mar 23, 2023 (3 months ago)	Not available		Sep 05, 2022 10 months ago) 🗙 remove			
4	∰ S4 - Hector Digging (Demo) ■ Contacts	8	Invited	No answer yet	Not available		Sep 05, 2022 10 months ago) X remove			
5	∰ SS - Middletown Steel (Demo) ■ Contacts	ß	Completed (declined to share)	Mar 23, 2023 (3 months ago)	Nov 28, 2022 (7 months ago)		5ep 05, 2022 10 months ago)			
6	⊕ S6 - Villafort Inc. (Demo) ⊠ Contacts	2	Declined (declined to respond)	No response will be provided	Not available		Sep 05, 2022 10 months ago]			
7	 iii) S8 - Joe Trucks co. (Demo) Sontacts 	8	Invited	No answer yet	Not available		Sep 05, 2022 10 months ago] 🗙 remove			
8	 S9 - Ball Construction (Demo) Contacts 	28	Work in progress	Jan 19, 2023 (5 months ago)	Sep 06, 2022 (10 months ago)		Sep 05, 2022 10 months ago) 🗙 remove			





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

support@tspproject.org help@djaodjin.com



www.tspproject.org by DjaoDjin

