

EcoVadis API

Integration Service version

version 2.1

Technical Manual

OCT 2023 update

TABLE OF CONTENTS

I. Introduction	4
II. Overview of the EcoVadis REST API	5
A. REST Protocol	5
B. Upstream vs. Downstream Methods	5
C. Environments	5
D. Versioning	6
E. Returned Data Type	6
F. Statuses	6
G. Scope Change process result reflection in API	8
III. Authentication and Security	9
A. Login and Password Attribution	9
B. Token-Based Authentication	10
C. SSL Support	11
IV. API Sandbox	12
V. Upstream Method: EVRequest	14
A. POST Method	14
B. Sector Initiative Request Support	15
C. Sending Multiple Assessment Requests in EVRequest	16
D. EVRequest Call Limitations	16
E. Validations and Error Handling	17
VI. Downstream Methods	19
A. GET Method	19
B. Returned Companies	19
C. Integration IDs	20
D. Multi-Language Support	21
API Language switch	21
Integration Scorecard default language change	22
E. Returned Data Groups	23
1. Standard Data Method: EVData	23
2. Specific Data Methods	23
F. Integration Database Synchronization	24
G. Pagination	25
H. Call Limitations	25

I. Filtering & Sorting Query Options	26
VII. Integration Setup	27
A. First Import	27
B. Batches for Regular Data Importing	28
1. New Companies	28
2. New Scorecards	28
C. Other possible use cases	28
1. Score Filtering	28
2. Single Company Follow-Up	29
VIII. API Data Reference	30
A. Resources list	30
B. Upstream data elements (EVRequest)	30
C. Downstream Standard Data Elements (EVData)	32
D. Downstream Specific data elements	39
E. Filtering operators	41
F. Filtering elements & modes	41
G. Response codes and messages	42
APPENDIX A:	45
EcoVadis REGISTRATION AND ASSESSMENT WORKFLOWS:	45
APPENDIX B:	48
HOW TO Understand EV Progress Statuses	48
APPENDIX C: GETTING STARTED WITH EV API IN POSTMAN	55
APPENDIX D:	65
Best Practices for Displaying API Data for Mutual Customers	65
Description of main use cases	65
A user wants to see Supplier performance data	65
Special case: Scope change	67
A user wants to see their supplier's assessment progress data	68
Elements to display by status	68
A user wants to request that a single supplier get a rating	69
A user wants to set up batch request triggers	71
Best Practices	71
Testing the API	71
General Data Display Guidelines	71

Enabling manual addition of integration IDs	71
Labels and Column Headers	72
Status display	72
Why are statuses important?	72
Score display	72
Sending suppliers to be rated: Data needs	73
Mandatory Fields	73
Data freshness guidelines	76
Additional Context & Infotext	76
EcoVadis in general	76
EcoVadis Medals	77
EcoVadis Ratings	77
Specific Rating elements	77
What is an EcoVadis Rating	78
APPENDIX E:	79
How to interpret Trend Icons:	79
APPENDIX F:	83
Mapping of Enterprise API fields to the EV10 Export	83
APPENDIX G:	85
Enterprise API Sandbox How does it work?	85
General description of sandbox	85
Testing EVRequest	85
Scope change process reflection:	88

Document Version History

Version	Date	
1.0	Feb 2023	

I. Introduction

Welcome to the EcoVadis API. Our API provides the EcoVadis CSR monitoring information, which can be easily integrated into enterprise-wide systems such as Procurement Systems, Supplier Relationship Management Systems, Corporate Intranets, etc.

Thanks to this service, users can automatically select companies from their day-to-day systems to be assessed by EcoVadis, and have the ability to monitor the status of assessments and assessment-sharing requests without having to log into another interface.

Our API is completely flexible, so that Clients receive only the data they need.

NOTES ON THIS TECHNICAL MANUAL:

- Query screenshots have been made using the API testing tool SOAPUI (www.soapui.org);
- For clarity, we have reduced the examples' URL length, often replacing the initial part "<https://api.ecovadis-survey.com/v2.1/>" with "<https://.../>".

II. Overview of the EcoVadis API

A. REST Protocol

The EcoVadis API uses the RESTful endpoint structure. REST is a newer web-service protocol that lends itself to rapid development by using everyday HTTP technology. REST offers the following:

- Easy to use and learn for developers;
- Works with virtually any development language and platform;
- Use-case oriented calls;
- Well-suited to solutions that fall outside the traditional desktop application model (e.g., to integrate third-party data into one single common tool, like a Procurement Software).

B. Upstream vs. Downstream Methods

For our core business activity, the REST API Methods are divided into two types:

- **Upstream:** Methods where data is sent from the Client System into the EcoVadis (EV) System, to request an assessment or the sharing of assessment results.
- **Downstream:** Methods where data is sent from the EcoVadis platform to the Client System. This includes all methods where the Client imports EcoVadis data such as Scores, Assessment Status, KPIs, etc.

C. Environments

Two EcoVadis REST API environments exist:

Environment	Description	URL
Sandbox	Test. Used to test the API calls in a dummy database.	https://api-sandbox.ecovadis-survey.com/
Live	Production. Set calls here to interact with live data.	https://api.ecovadis-survey.com/

D. Versioning

Versions

Versioning exists for the EcoVadis REST API.

The URL of the current and newest version is labeled as follows:

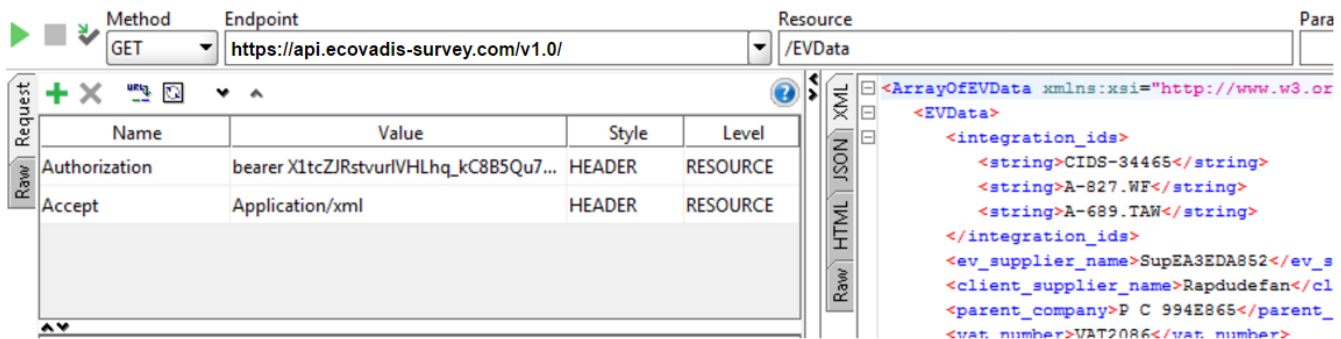
<https://api.ecovadis-survey.com/v2.1/>

E. Returned Data Type

EcoVadis REST API supports **JSON** & **XML** Data Types; call responses are created by default using JSON. If the Client prefers **XML** data type to be returned, they can set the following query header:

Accept: Application/xml

Example:



F. Statuses

Current stage (legacy: *Process step*)

This is the assessment stage / sharing stage which the company is currently at. Here are the possible column values and their meaning:

Column value	Meaning
Registration	At registration stage
Questionnaire	At questionnaire stage
Expert analysis	Completed questionnaire, in hands of CSR analysts

Sharing pending	Needs to agree to share the current scorecard
Queued	Under assessment for another trading partner
Not under assessment	No longer progressing through an assessment, regardless of whether it was completed or not. You can find the detailed outcome of your request in the column <i>Request outcome</i> ;
N/A	Audit-only company

- **Stage status** (legacy: *Status*)

This column provides more details when the company is at the registration or the questionnaire stage.

At the registration stage, the possible values are:

- **No invitation sent yet;**
- **Not yet connected** (with **Action advised/required**, if applicable);
- **Answering** (with **Action advised/required**, if applicable);
- **Completed.**

At the questionnaire stage, the possible values are:

- **Not yet connected** (with **Action advised/required**, if applicable);
- **Answering** (with **Action advised/required**, if applicable).

- **Request outcome**

This is the outcome of your company's latest request for this trading partner. This column is particularly informative in case of companies whose *Current stage* is "Not under assessment." Here are the possible column values and their meaning:

<i>Column value</i>	<i>Meaning</i>
Scorecard published Sharing request accepted	Latest scorecard is visible
No response Refused to participate Sharing request expired Canceled N/A	Latest scorecard is not visible

Scorecard sharing requested	Sharing is in process
Custom questions sent Custom questions request declined Custom questions accepted	Indicates status of custom questions

- **Sharing status** (legacy: *Status*)

This column shows the general sharing status, not related to the progress and outcome of your most recent campaign (unless the campaign is the first request). Here are the possible column values:

- **Requested;**
- **Accepted;**
- **Canceled by EcoVadis;**
- **Canceled by [your company name];**
- **Declined;**
- **N/A** (Note: Applies to audit-only companies).

G. Scope Change process result reflection in API

A Rated Company has the ability to request a change in the scope of their assessment. For example, the initial assessment scope might include a regional office that asks to change the scope to the global headquarters in the assessment process. The API can return information about the ultimate assessed Rated Company within the record of the originally requested Rated Company.

If there is a scope change during an assessment, a set of newly added fields related to the target of scope will be returned in EVData method related to source.

Following details of the ultimate assessed Rated Company can be returned:

- Name of the target company in the EcoVadis platform
- Country of the target company
- EVID - company's unique ID of the target company in the EcoVadis database
- Current stage of EV Process of the target company (and it's corresponding ID)
- Progress status of the target company (and it's corresponding ID)
- Request outcome (and it's corresponding ID)
- Sharing_status (and it's corresponding ID)
- Overall score (0-100) of the target company
- Environment score (0-100) of the target company

- Labor & Human Rights score (0-100) of the target company
- Ethics score (0-100) of the target company
- Sustainable Procurement score (0-100 or empty for XS companies) of the target company
- The publication date of the last score for the target company
- Link to target company scorecard

Detailed description of fields can be found [here](#).

III. Authentication and Security

The following procedures have been established to guarantee correct authentication and security for the REST API:

A. Login and Password Attribution

To get access to the REST API, Clients first need to get a unique Login and Password. For all queries, they can need to contact their Account Manager, then the ticket will be created and Access will be granted and access credentials will be shared.

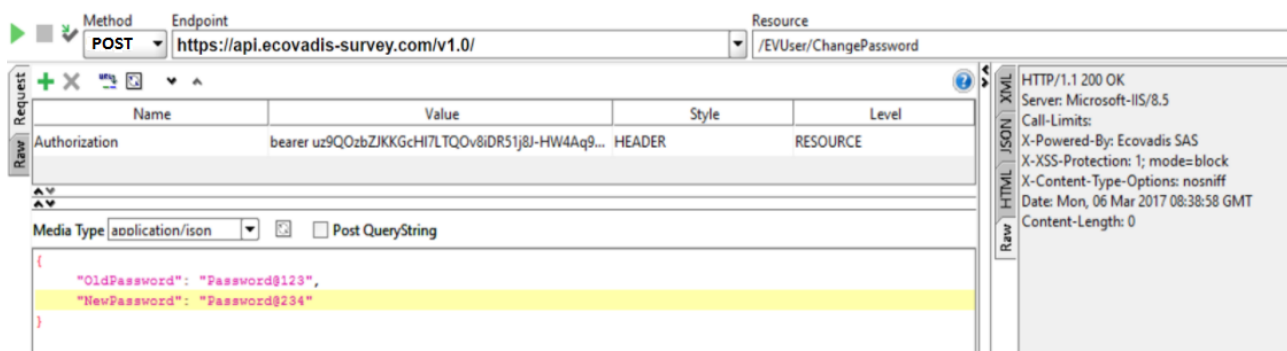
The Client is also advised to update their password often for security reasons. To do so, they can directly use the method **EVUser** by calling the resource:

- <https://api.ecovadis-survey.com/v2.0/EVUser/ChangePassword>

and adding the new password in the request body, in the following format:

```
{
  "OldPassword": "Password@123",
  "NewPassword": "Password@234"
}
```

See an example screenshot below (Response code **200** success):

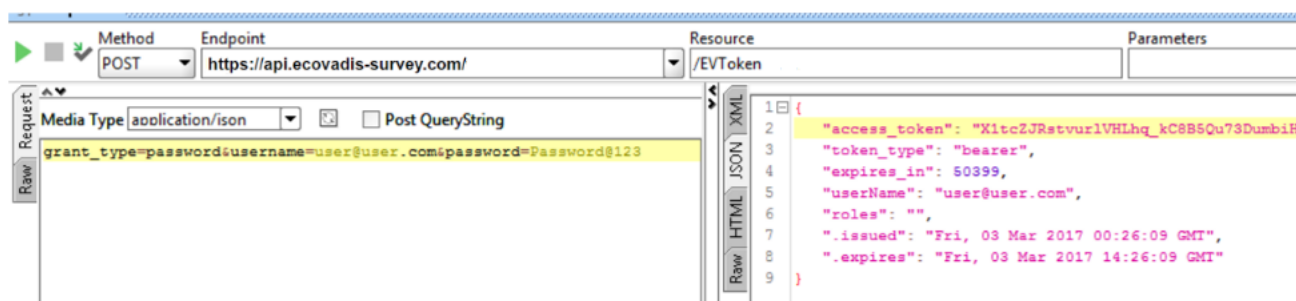


B. Token-Based Authentication

Token-based Authentication approach is used to secure the REST API Service.

When the Client wants to call any API method, they first need to get an authorization token, by calling **EVToken** method, and providing their login and password. The access token is a secret credential and should not be shared with anyone. The Client also needs to create a regular batch to get a new token before the expiration of the old token.

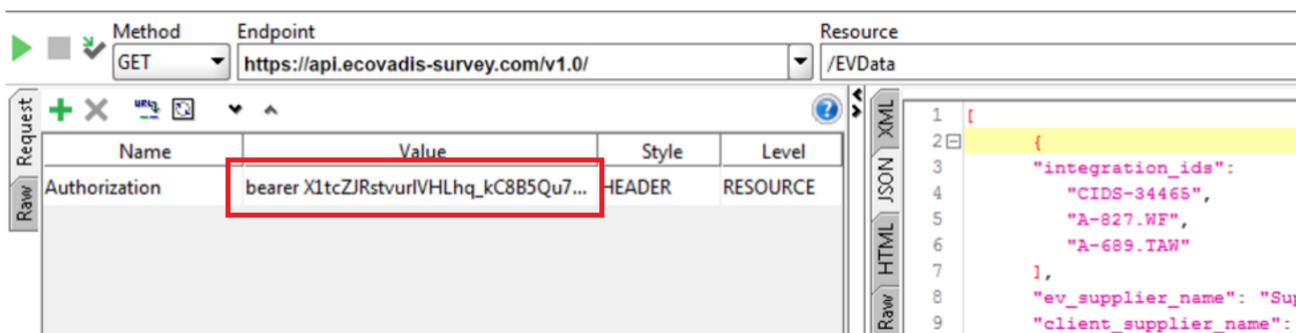
EVToken call example:



- <https://api.ecovadis-survey.com/EVToken>
grant_type=password&username=user@user.com&password=Password@123

The “**expires_in**” attribute displays the remaining seconds until token expiration.

The Client needs to insert this token into every method call, to be authenticated as follows:



In the “Authorization” parameter value, the token is entered preceded by the word “bearer”.

NOTE: For the EVToken method (and only for it), the version number (/v2.0/) is not inserted into the endpoint.

C. SSL Support

For enhanced security, SSL (Secure Sockets Layer) is used for establishing an encrypted link between the Client System and the API Web Server.

This means that an SSL Certificate is used for data exchange and that all API endpoints begin with **https** rather than **http**.

IV. API Sandbox

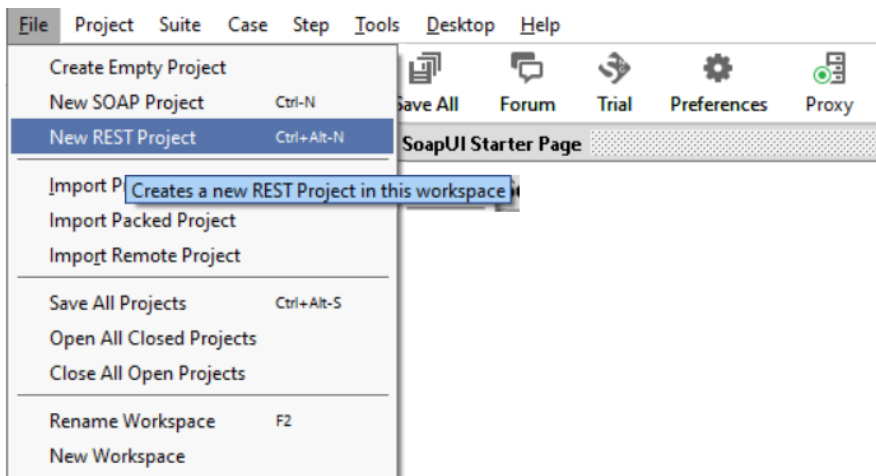
The Client can test the call queries using the API Sandbox from the following URL:

- <https://api-sandbox.ecovadis-survey.com/v2.1/>

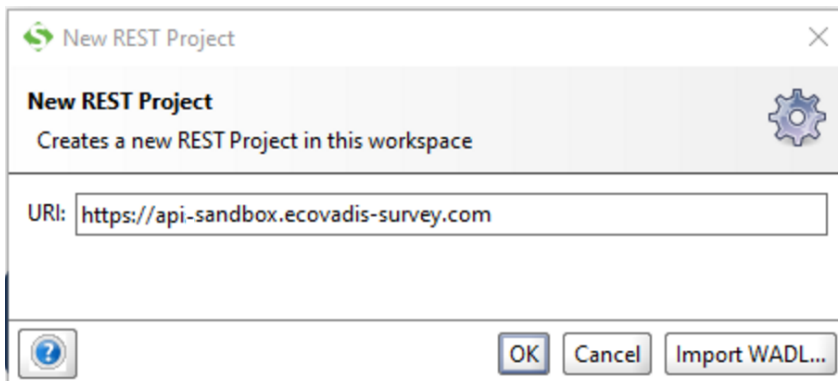
To get access to the REST API, Clients first need to get a unique Login and Password. For all queries, they can need to contact their Account Manager, then the ticket will be created and Access will be granted and access credentials will be shared.

The Client can test the REST API sandbox using API testing tools like SOAPUI (<https://www.soapui.org>)

After installing the tool, the Client can create a new REST project (see below):



The Client can specify the following API URL:



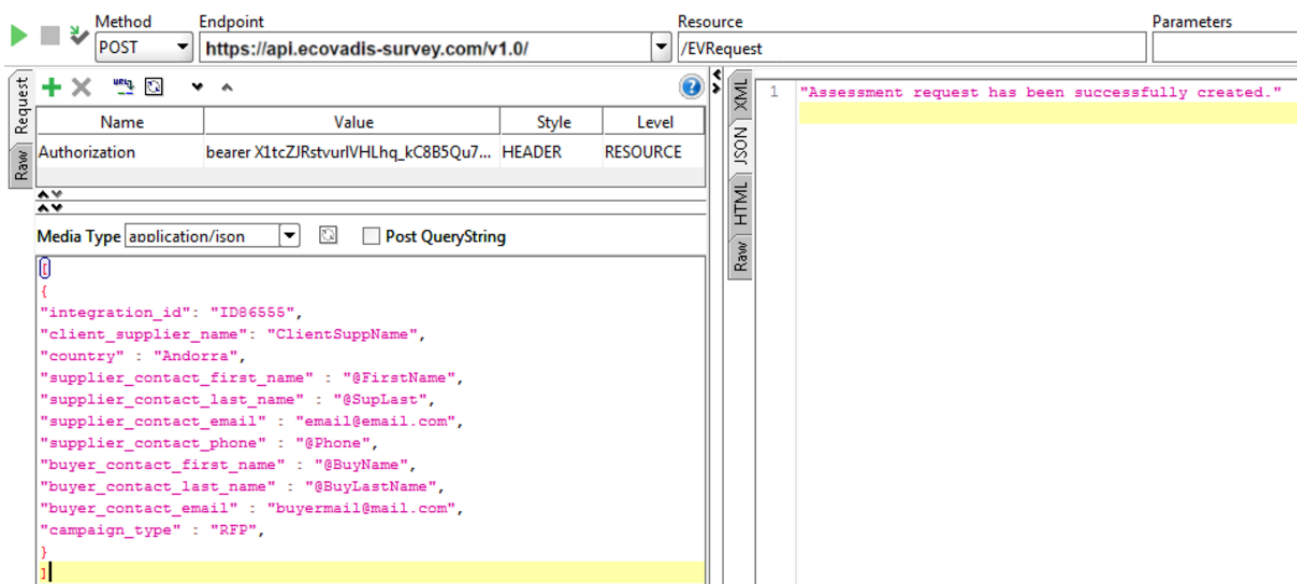
Then, the Client can use their user credentials to get a new token (using **EVToken**), and test the other API methods using dummy data.

V. Upstream Method: EVRequest

In the EcoVadis REST API, we have one Upstream method available: **EVRequest**. This method allows Clients to automatically send assessment requests directly from their internal systems.

A. POST Method

POST HTTP request is used to create a new resource instance to send the assessment request. To correctly create the resource, the Client needs to send all mandatory elements within the request body, as shown in the following example:



EVRequest example 1: containing only mandatory data

- <https://api.ecovadis-survey.com/v2.0/EVRequest>

```
[
  {
    "campaign_type": "RFP",
  }
]
```

As shown in the image above, if the request is accepted and can be processed, a response message (**201 created**) "Assessment request has been successfully created" will be returned.

A complete list of the mandatory and optional elements that should be provided with the request can be found in the [API Data Reference chapter](#).

B. Sector Initiative Request Support

The EVRequest method also allows to send sector initiative assessment requests. To enable this function, the Client needs to include the **vi_code** element of the concerned sector initiative within the request body (it has to be a valid code). The VI Code has been provided together with the other authentication information to the Client. Sharing rules are then obtained from the sector initiative settings to process the assessment request.

EVRequest example 2: containing all possible data including VI Code (non mandatory data in blue)

- <https://api.ecovadis-survey.com/v2.1/EVRequest>

```
[
  {
    "integration_id": "IDXXX",
    "Client_supplier_name": "ClientSupName",
    "parent_company": "ParCompany",
    "client_procurement_category": "PRO4545",
    "tax_number": "S406540",
    "vat_number": "FG57545",
    "brn_number": "YTY45465",
    "duns_number": "687314646",
    "website": "website.com",
    "turnover": "500000",
    "number_employees": "100",
    "address": "address street, home",
    "city": "city",
    "zip_code": "6598",
    "country": "Andorra",
    "supplier_contact_title": "Mr.",
    "supplier_contact_first_name": "@FirstName",
    "supplier_contact_last_name": "@SupLast",
    "supplier_contact_function": "CSRfunction",
    "supplier_contact_email": "email@email.com",
    "supplier_contact_phone": "@Phone",
    "cf_1_code": "code1",
```

```

"cf_2_code": "code2",
"buyer_contact_title": "Mrs.",
"buyer_contact_first_name": "@BuyFirstName",
"buyer_contact_last_name": "@BuyLastName",
"buyer_contact_email": "buyer@mail.com",
"buyer_phone": "+480635698",
"campaign_type": "RFP",
"vi_code": "VI654658",
}
]

```

C. Sending Multiple Assessment Requests in EVRequest

This is the syntax to send more than one assessment request in EVRequest:

- <https://api.ecovadis-survey.com/v2.1/EVRequest>

```

[
  {
    "integration_id": "IDbb4",
    "Client_supplier_name": "ClientSupName",
    "country": "Andorra",
    "supplier_contact_first_name": "@FirstName",
    "supplier_contact_last_name": "@SupLast",
    "supplier_contact_email": "email@email.com",
    "supplier_contact_phone": "@Phone",
    "buyer_contact_first_name": "@BuyFirstName",
    "buyer_contact_last_name": "@BuyLastName",
    "buyer_contact_email": "buyer@mail.com",
    "campaign_type": "RFP",
  },
  {
    "integration_id": "Ig.56mm89",
    "Client_supplier_name": "ClientSupName1",
    "country": "Brazil",
    "supplier_contact_first_name": "@FirstName1",
    "supplier_contact_last_name": "@SupLast1",
    "supplier_contact_email": "email1@email.com",
    "supplier_contact_phone": "@Phone1",
    "buyer_contact_first_name": "@BuyFirstName1",
    "buyer_contact_last_name": "@BuyLastName1",
    "buyer_contact_email": "buyer1@mail.com",
    "campaign_type": "RFP",
  }
]

```

D. EVRequest Call Limitations

Two sorts of limitations are set for the EVRequest method:

- The maximum number of assessment requests possible to send in a single call is currently limited to **100** (by the time the API has been first implemented). If a call surpassing this number is sent, an error-response code **400** is returned, with the following response:

"Too much data in single batch. Maximum number of requests in a single batch is 100"

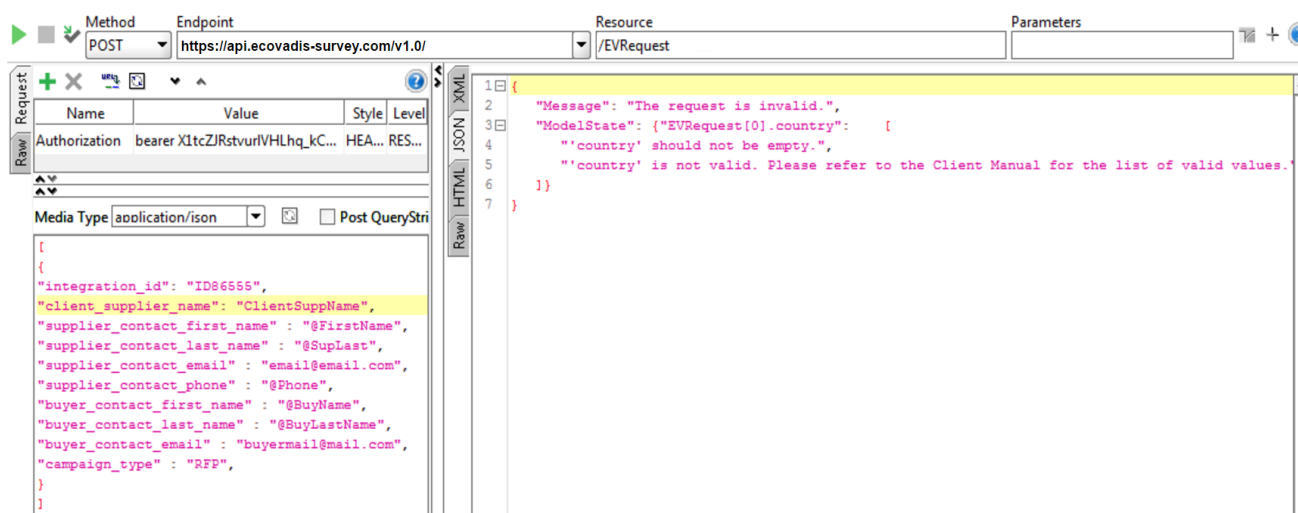
- The maximum number of allowed calls per day is provided in every call response info (example: **"Call-Limits: 5/500_Day_MethodLimit"**). If this number is reached, no further calls are allowed and the following response-code **429** is returned, with the response:

"API calls quota exceeded! Maximum admitted XXX per Day."

E. Validations and Error Handling

To validate the assessment request, two measures will be verified:

- All mandatory elements are provided: The request should include all the mandatory elements. Otherwise, an error-response code (**400 Bad request**) will be returned, as shown in the following example:



- No element can be sent in the wrong format: Otherwise the request will not be validated, and a HTML error-response code (**400 Bad request**) will be returned as in the following example:

"EVRequest[1].supplier_contact_email": [

""supplier_contact_email' is not a valid email address."

]

Note: The call response will include one response code for all the included assessment requests. That means that even if only one assessment request contains errors, the method response will return an error code, and the request will not be processed. The error needs to be corrected, and then all assessment requests will need to be resent.

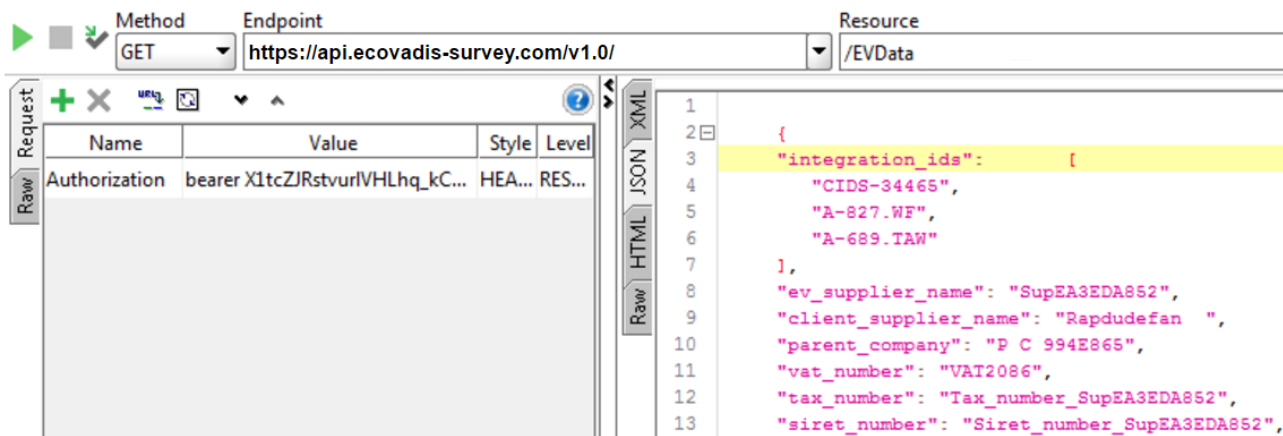
VI. Downstream Methods

Downstream methods are essentially created to allow the Client to retrieve and import different types of data from the EcoVadis Database.

As business needs for required data can vary considerably from one Client to another, several methods have been created containing functionally organized data groups.

A. GET Method

To allow the retrieval of data, the **GET** http method is used. This is a read-only method that requests data from the API server. The following is an example of a GET method request:



The screenshot shows a REST client interface with the following details:

- Method:** GET
- Endpoint:** https://api.ecovadis-survey.com/v1.0/
- Resource:** /EVData
- Request Headers:**

Name	Value	Style	Level
Authorization	bearer X1tcZJRstvurIVHLhq_kC...	HEA...	RES...
- Response (JSON):**

```

1 {
2   "integration_ids": [
3     "CIDS-34465",
4     "A-827.WF",
5     "A-689.TAW"
6   ],
7   "ev_supplier_name": "SupEA3EDA852",
8   "client_supplier_name": "Rapdudedefan ",
9   "parent_company": "P C 994E865",
10  "vat_number": "VAT2086",
11  "tax_number": "Tax_number_SupEA3EDA852",
12  "siret_number": "Siret_number_SupEA3EDA852",
13 }

```

B. Returned Companies

The Downstream Methods provide information about the Client's companies which have been (or will be) assessed by EcoVadis. This means that it returns data for all companies in the Client's platform who have been requested to complete an assessment or to share their assessment results by the Client or who proactively choose to share their assessment results with the Client. If a specific company is requested in a call through its integration ID, only this company's results will be returned.

C. Integration IDs

In order to guarantee a match between the companies in the Client System and the EcoVadis platform to return accurate results, all Client Integration IDs are returned with every call response in the form of a mandatory resource. There can be **up to 10 integration IDs** for one company.

Thus, before any data request calls are made, if the Client has already launched companies with EcoVadis in the past, the Client needs to prepare their EcoVadis platform. This can be done by exporting details of the integration IDs which are currently being used and validate if they are accurate (if existing), or modify them by re-uploading them into the EcoVadis platform. Additionally, the Client should make sure that these integration IDs are always up to date in the EcoVadis platform, in order to avoid matching issues with the Client System.

The Client can update the integration IDs in the EcoVadis 10 platform. There are two ways to do it:

- Update **individually for every company**:
In the company's CSR profile, expand the company header by clicking "Show company details." In the expanded view, you can edit the integration IDs.
- Update **for many companies at once**:
Open the user menu and click on Integration Settings. Click "Download" to download the current existing IDs, work offline to modify, and then re-upload the Integration IDs file, to replace what existed in the system.

Example of returned Integration IDs (returned with every downstream-call response):

```
{
  "integration_ids": [
    "CIDS-34465",
    "A-827.WF",
    "A-689.TAW"
  ],
}
```

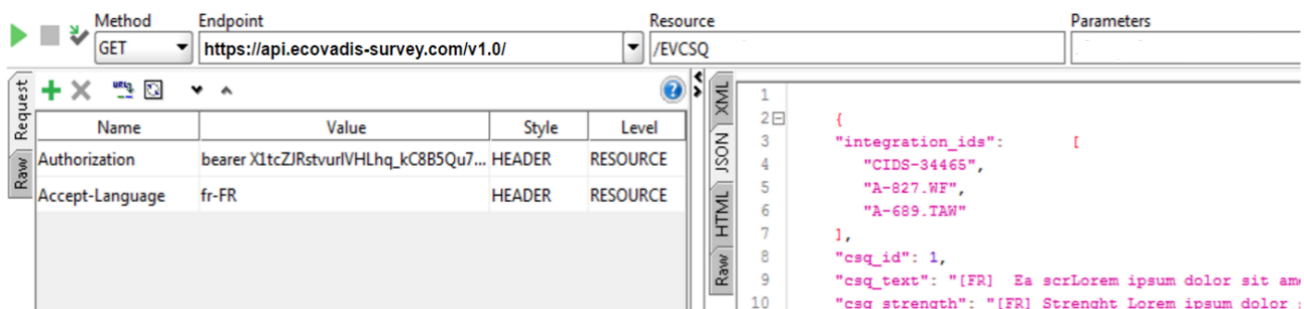

D. Multi-Language Support

API Language switch

EcoVadis REST API has been designed to support multiple languages for selected downstream data returned. To allow this, a parameter can be entered in the call header (**Accept-Language**) to specify the desired call response language. Note that:

- In the current version (v2.0), six languages are supported, thus the parameter takes one of the following values: “fr-FR”, “en-GB”, “es-ES”, “zh-CN”, “de-DE” or “ja-JP”.
- In case the parameter has not been entered, the default language will be English;
- In case no translation is found for the returned data, the failover language will also be English.

Example of a language-parameter query:



Name	Value	Style	Level
Authorization	bearer X1tcZJRstvurIVLhq_kC8B5Qu7...	HEADER	RESOURCE
Accept-Language	fr-FR	HEADER	RESOURCE

```

1
2 {
3   "integration_ids": [
4     "CIDS-34465",
5     "A-827.WF",
6     "A-689.TAW"
7   ],
8   "csq_id": 1,
9   "csq_text": "[FR] Ea scrLorem ipsum dolor sit am
10  "csq_strength": "[FR] Strenght Lorem ipsum dolor :
  
```

The language parameter concerns the following methods:

- EVData;
- EVKPI;
- EVCSQ;
- EVLatestStatus.

Integration Scorecard default language change

When using the link to the integration scorecard by default system is presenting it in English. There is a way to change the language. To do so there is a need to add following parameter at the end of the integration scorecard link

`&lang=cultureString`

Example to present integration scorecard in German the parameter must be: `&lang=de-DE`

Below there is the set of all currently supported Languages and their culture strings:

Language	Culture string
French	fr-FR
Italian	it-IT
English	en-GB
Dutch	nl-NL
Spanish	es-ES
Chinese	zh-CN
German	de-DE
Portuguese (BRA)	pt-BR
Japanese	ja-JP
Russian	ru-RU
Thai	th-TH
Korean	ko-KR
Turkish	tr-TR
Arabic	ar-001

E. Returned Data Groups

1. Standard Data Method: EVData

The **EVData** Standard Method contains all available basic data about companies. From a technical perspective, this method provides data elements which return only one instance per company. If no filtering is used, the defined standard groups will all be returned when calling the method **EVData**. To adapt to the Client's needs, data elements have been functionally classified into specific data groups, which can be called also in separate method calls, if needed.

The following data groups are discerned:

Resource Name	Data Group Name	Description
EVSUPPLIERGeneral	Company Information	Returns general company information, such as name, identification number, etc.
EVSUPPLIERAdditional	Company Additional Information	Returns additional company information, such as address, size, etc.
EVSUPPLIERContact	Primary Contact	Returns primary contact information.
EVLatestStatus	Latest Status	Returns information on the last assessment or the assessment-sharing request for the selected company.
EVLatestScore	Latest Score	Returns the company's latest available score displayed in their scorecard (i.e. only for scored companies who accepted the sharing/assessment request).
EVClientGeneral	Company Specific Information	Returns general information about requesting contact, number of tags, number of flags, etc.
EVCAP	Corrective Action Plan	Returns information on the corrective action plan for the selected company, such as: total number of corrective actions, number of corrective actions in certain statuses, deadline and documents information.

The data elements for these data groups are fully described in the [API Data Reference chapter](#).

2. Specific Data Methods

Specific Data Methods can provide additional company data. From a technical perspective, these resources provide data that can return more than one element per company.

The following resources are discerned:

Resource Name	Data Group Name	Description
EVScoreHistory	Score History	Returns all available company scores (in EcoVadis 10, they are accessible in the company's CSR profile, in the Scorecard tab, when selecting previous scorecard publication dates from the dropdown).
EVClientFilters	Tags	Returns all tags assigned to the company.
EVClientFlags	Flags	Returns all flags assigned to the company.
EVKPI	CSR Key Performance Indicator	Returns the list of all CSR KPIs which are defined for the Client, with an indication of which are active for which company
EVCSQ	Custom Questions	Optional: If the Client defined custom questions which are asked in addition to the standard questionnaire, the strengths/improvement areas related to these questions will be available for each company
EVCarbonScore	Carbon Score	<p>Note: End point is returned only for the CAM subscribers.</p> <p>This endpoint covers just general Carbon Score information:</p> <p>carbon_status_last_update</p> <p>carbon_management_level</p> <p>carbon_scorecard_link</p> <p>carbon_scorecard_expired</p> <p>carbon_scorecard_published_date</p>

Additionally, integration IDs are returned in every call.

F. Integration Database Synchronization

To improve performance, the EcoVadis REST API has its own independent Integration Database, which will be regularly synchronized with the main EcoVadis Database (currently every 24 hours). Synchronization information will be provided with every call response's HTTP header, as follows:

- **Last-Synchronization-Date:** the last time when the data was synchronized with the main EV database into integration DB;
- **Next-Synchronization-Date:** the next time the data will be synchronized with the main EV database.

The following is an example of how this information will be provided with every call response:

Last-Synchronization-Date → Sun, 01 Jan 2017 01:30:00 GMT

Next-Synchronization-Date → Mon, 02 Jan 2017 01:30:00 GMT

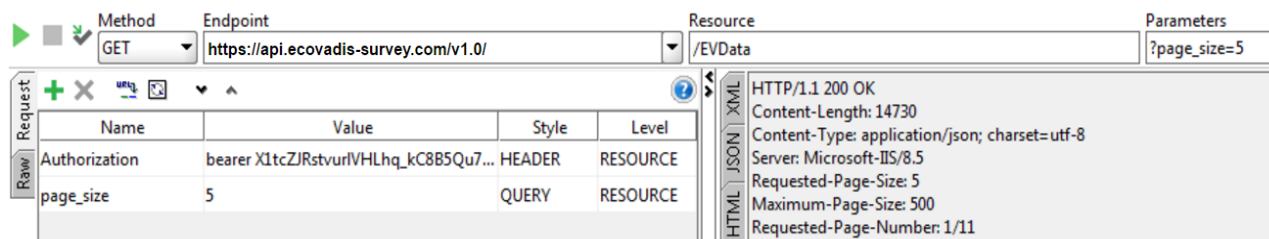
NOTE: This information will not be returned in the sandbox environment, as the sandbox data is not synchronized.

G. Pagination

As some Clients' company lists can be quite long (especially when first loading all the data needed to set up the integration procedure if a Client already has access to many companies in the EcoVadis platform), pagination settings exist to not impact the overall system performance.

Consequently, page-size limitation details are provided within every downstream method response (**Maximum-Page-Size**). The Client can set their own number of companies returned by call, which cannot exceed certain limits, like in the following example:

- **GET https://api.ecovadis-survey.com/v2.1/EVData?page_size=5**



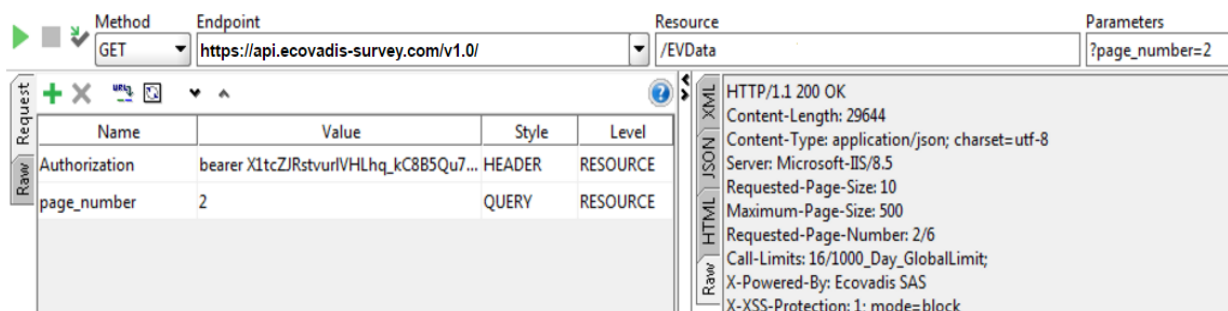
Method	Endpoint	Resource	Parameters
GET	https://api.ecovadis-survey.com/v1.0/	/EVData	?page_size=5

Name	Value	Style	Level
Authorization	bearer X1tcZJRstvturlVHLhq_kC8B5Qu7...	HEADER	RESOURCE
page_size	5	QUERY	RESOURCE

Response Headers
HTTP/1.1 200 OK
Content-Length: 14730
Content-Type: application/json; charset=utf-8
Server: Microsoft-IIS/8.5
Requested-Page-Size: 5
Maximum-Page-Size: 500
Requested-Page-Number: 1/11

The Client can also set a call to request data from a specific page, as follows:

- **GET https://api.ecovadis-survey.com/v2.1/EVData?page_number=2**



NOTE: If the Client has data on multiple pages, they have to execute multiple requests (one for every page) to get their full data. Otherwise they will only get the first page.

H. Call Limitations

To avoid excessive usage of the methods, which can lead to a negative impact on overall performance (especially for high data consuming methods like EVDData), specific call number restrictions have been set:

- First, on a general 24-hour basis, every Client has a call limitation number for requesting all methods, which is returned in the response header (example: **"Call-Limits: 3/100_Day_GlobalLimit"**). If this limitation is exceeded, the Client is prohibited from requesting other queries, and an error-response **429** message is returned, as in the following example:

"API calls quota exceeded! maximum admitted X per Day."

- Second, a limitation is set for individual methods. That means that every method can have its own call number restriction. Information about the method call limitation is provided with every call response header (example: **"Call-Limits: 3/50_Day_MethodLimit"**). If the call limitation is reached for a method, further calls are prohibited, and a **429** error-response message is returned, informing when the method request will be available again, as in the following example:

"API calls quota exceeded! maximum admitted XX per Day."

Additionally, information about the time remaining to request data is also provided in the response header (**Retry-After: XXXXX**, where XXXXX is the remaining number of seconds to wait).

I. Filtering & Sorting Query Options

Various filtering structures have been created for the Client to be able to set specific calls answering their needs while not impacting performance too heavily. The following table illustrates these structures.

NOTE: Filtering is permitted only for certain elements. Full details about Filtering operators and elements are in the API Data Reference chapter.

Structure	Format & Examples
Basic Filtering Structure	<p><code>https://.../{method}?f__{element}__{operator}={value}</code></p> <ul style="list-style-type: none"> <code>https://.../evdata?f__declined__eq="true"</code> <code>https://.../evlatestscore?f__global_score__in="70","75"</code> <code>https://.../evscorehistory?f__expired="false"</code> <p>NOTE: In case no operator is entered (like the third example), the default operator is eq (equal).</p>
Combined Filtering	<p><code>https://.../{method}?f__{element1}__{operator}={val1}&f__{element2}__{operator}={val2}&filter_mode=and</code></p> <ul style="list-style-type: none"> <code>https://.../evdata?f__expired="false"&f__global_score__ge="70"?filter_mode=and</code> <code>https://.../evlatestscore?f__global_score__lt="70"&f__published_date__eq="2016-12-25"&filter_mode=or</code> <p>NOTE: In case no filter mode is entered, the default filter mode is and.</p>
Filtering by Date	<p><code>https://.../{method}?f__{element}__{operator}="yyyy-MM-dd"</code></p> <ul style="list-style-type: none"> <code>https://.../evdata?f__published_date__ge="2017-02-01"</code>
Filtering by Integration IDs	<p><code>https://.../{method}?integration_id="XXX","YYY"</code></p> <ul style="list-style-type: none"> <code>https://.../evdata?integration_id="XYZ234"</code> <code>https://.../evscorehistory?integration_id="ASD536","JLE692"</code>
Sorting	<p><code>https://.../{method}?order_field={element1}&sort_type={direction}</code></p> <ul style="list-style-type: none"> <code>https://.../evdata?order_field=country&sort_type=asc</code> <code>https://.../evlatestscore?order_field=global_score&sort_type=desc</code> <p>NOTE: In case no sorting type is entered, the asc (ascending) is the default sorting order.</p>
Combine Filtering & Sorting	<ul style="list-style-type: none"> <code>https://.../evdata?f__global_score__lt="30"&order_field=global_score&sort_type=desc</code>

VII. Integration Setup

To import the required data to the Client System, the Client needs to set up different calls, which can be in the form of manual imports, regular batches and/or specific application calls.

A. First Import

For a new Client who already launched companies within the EcoVadis platform, it is necessary to make an integration setup call to import all available company data to the Client System. Therefore, they should first define their data needs as in the following example:

A Client who needs the following data to import in the Client System...

- Company Standard Data
- Score History

... would need to make the following calls to import this data:

- [GET https://api.ecovadis.com/v2.1/EVData](https://api.ecovadis.com/v2.1/EVData)
- [GET https://api.ecovadis.com/v2.1/EVScoreHistory](https://api.ecovadis.com/v2.1/EVScoreHistory)

Note: This call does not include any filtering operation, so it can return a large amount of data, which can impact performance (so it should be executed only when absolutely necessary).

If the Client has data on multiple pages, they have to execute multiple requests (one for every page) to get their full data. Otherwise they will only get the first page.

B. Batches for Regular Data Importing

Once all historical data has been imported into the Client System, the Client can set regular batches to only import updated data, preventing performance issues.

1. New Companies

This batch can import data for new shared companies who have not yet been added so far. In order to do so, the Client needs to filter requested data by the element **status_last_update**, like in the following example:

- [GET https://.../EVData?f__status_last_update__ge='yyyy-MM-dd'](https://.../EVData?f__status_last_update__ge='yyyy-MM-dd')

To execute the batch daily, please enter yesterday's date.

2. New Scorecards

This batch allows the Client to import the newly published scorecards for companies who already shared previous assessments. For that, they need to filter requested data by the published_date, as in the following example:

- GET [https://.../EVData?f__published_date__ge="yyyy-MM-dd"](https://.../EVData?f__published_date__ge='yyyy-MM-dd')

In case the batch is executed daily, the date to enter is yesterday's date.

NOTE: The Client can combine the two batches (New Companies and New Scorecards), if they want to update the whole EVData group, by executing the following query:

- GET [https://.../EVData?f__status_last_update__ge="yyyy-MM-dd"&f__published_date__ge="yyyy-MM-dd"&filter_mode=or](https://.../EVData?f__status_last_update__ge='yyyy-MM-dd'&f__published_date__ge='yyyy-MM-dd'&filter_mode=or)

C. Other possible use cases

Depending on the Client's data needs, they can set up automatic call requests, as in the following examples:

1. Score Filtering

On a regular basis, the Client can import companies within a chosen score interval, for instance in order to display all companies at risk in selected reports. The Client can set this regular call using the following format:

- GET [https://.../EVLatestScore?f__global_score__le="25"](https://.../EVLatestScore?f__global_score__le='25')

2. Single Company Follow-Up

To follow the status of one or more companies, the Client can filter by Integration IDs:

- GET [https://.../EVData?integration_id="XXX"](https://.../EVData?integration_id='XXX')

For more than one company:

- GET [https://.../EVScoreHistory?integration_id="XXX","YYY","ZZZ"](https://.../EVScoreHistory?integration_id='XXX','YYY','ZZZ')

VIII. API Data Reference

A. Resources list

<https://api.ecovadis-survey.com/EVToken/>
<https://api.ecovadis-survey.com/v2.1/EVUser/SetPassword/>
<https://api.ecovadis-survey.com/v2.1/EVUser/ChangePassword/>
<https://api.ecovadis-survey.com/v2.1/EVRequest/>
<https://api.ecovadis-survey.com/v2.1/EVData/>
<https://api.ecovadis-survey.com/v2.1/EVCarbonScore/>
<https://api.ecovadis-survey.com/v2.1/EVSupplierGeneral/>
<https://api.ecovadis-survey.com/v2.1/EVSupplierAdditional/>
<https://api.ecovadis-survey.com/v2.1/EVSupplierContact/>
<https://api.ecovadis-survey.com/v2.1/EVLatestStatus/>
<https://api.ecovadis-survey.com/v2.1/EVLatestScore/>
<https://api.ecovadis-survey.com/v2.1/EVClientGeneral/>
<https://api.ecovadis-survey.com/v2.1/EVCAP/>

<https://api.ecovadis-survey.com/v2.1/EVScoreHistory/>
<https://api.ecovadis-survey.com/v2.1/EVClientFilters/>
<https://api.ecovadis-survey.com/v2.1/EVClientFlags/>
<https://api.ecovadis-survey.com/v2.1/EVKPI/>
<https://api.ecovadis-survey.com/v2.1/EVCSQ/>

B. Upstream data elements (EVRequest)

Element	Type	Mandatory	Description
integration_id	Text	Yes	The integration ID to match the company in both systems
Client_supplier_name	Text	Yes	Legal entity to be assessed
parent_company	Text	No	Parent company (if applicable)
Client_procurement_category	Text	No	Procurement category/material group of the company in the Client System
tax_number	Text	No	Company Tax ID
vat_number	Text	No	Company VAT number
brn_number	Text	No	Company business registration number

duns_number	Integer	No	DUNS: Dun & Bradstreet (D&B) company number
website	Text	No	Company's website URL
turnover	Integer	No	Company turnover/revenue (in USD). Should be an integer greater than or equal to 0
number_employees	Integer	No	Number of company employees. Should be an integer greater than 0
address	Text	No	Company address
city	Text	No	Company city
zip_code	Text	No	Company postal code
country	Text	Yes	Company country (in English). Enter a valid country name from the following list: Afghanistan, Albania, Algeria, Andorra, Angola, Argentina, Armenia, Australia, Austria, Azerbaijan, Bahamas, Bahrain, Bangladesh, Barbados, Belarus, Belgium, Belize, Benin, Bhutan, Bolivia, Bosnia And Herzegovina, Botswana, Brazil, Brunei, Bulgaria, Burkina Faso, Burundi, Cambodia, Cameroon, Canada, Cape Verde, Central African Republic, Chad, Chile, China, Colombia, Comoros, Costa Rica, Côte d'Ivoire, Croatia, Cuba, Cyprus, Czech Republic, Democratic Republic of the Congo, Denmark, Djibouti, Dominican Republic, Ecuador, Egypt, El Salvador, Equatorial Guinea, Eritrea, Estonia, Ethiopia, Fiji, Finland, France, Gabon, Gambia, Georgia, Germany, Ghana, Greece, Guatemala, Guinea, Guinea-Bissau, Guyana, Haiti, Honduras, Hong Kong, Hungary, Iceland, India, Indonesia, Iran, Iraq, Ireland, Israel, Italy, Jamaica, Japan, Jordan, Kazakhstan, Kenya, Kosovo, Kuwait, Kyrgyzstan, Laos, Latvia, Lebanon, Lesotho, Liberia, Libyan Arab Jamahiriya, Liechtenstein, Lithuania, Luxembourg, Macedonia, Madagascar, Malawi, Malaysia, Maldives, Mali, Malta, Mauritania, Mauritius, Mexico, Moldova, Monaco, Mongolia, Montenegro, Morocco, Mozambique, Myanmar, Namibia, Nepal, Netherlands, New Zealand, Nicaragua, Niger, Nigeria, North Korea, Norway, Oman, Pakistan, Panama, Papua New Guinea, Paraguay, Peru, Philippines, Poland, Portugal, Qatar, Republic of the Congo, Republic of the Sudan, Romania, Russian Federation, Rwanda, San Marino, Saudi Arabia, Senegal, Serbia, Seychelles, Sierra Leone, Singapore, Slovakia, Slovenia, Somalia, South Africa, South Korea, South Sudan, Spain, Sri Lanka, Sudan, Suriname, Swaziland, Sweden, Switzerland, Syria, Taiwan, Tajikistan, Tanzania, Thailand, Timor-Leste, Togo, Trinidad And Tobago, Tunisia, Turkey, Turkmenistan, Uganda, Ukraine, United Arab Emirates, United Kingdom, United States of America, Uruguay, Uzbekistan, Venezuela, Vietnam, Yemen, Zambia, Zimbabwe
supplier_contact_title	Text	No	Primary contact title (e.g., Mr., Mrs., Ms. or Dr.)
supplier_contact_first_name	Text	Yes	Primary contact first name
supplier_contact_last_name	Text	Yes	Primary contact last name
supplier_contact_function	Text	No	Primary contact position
supplier_contact_email	Text	Yes	Primary contact email (any valid email format)
supplier_contact_phone	Text	Yes	Primary contact phone (recommendation to follow standard of International Telecommunications Union E.123 e.g., +33 182 838 625)

cf_1_code	Text	No	Tag 1 code (if used in the EcoVadis platform). If entry doesn't exist, the companies will be added to "Un-matched" tag.
cf_2_code	Text	No	Tag 2 code (if used in the EcoVadis platform). If entry doesn't exist, the companies will be added to "Un-matched" tag.
buyer_contact_title	Text	No	Requesting contact title (e.g., Mr., Mrs., Ms. or Dr.)
buyer_contact_first_name	Text	Yes	Requesting contact first name
buyer_contact_last_name	Text	Yes	Requesting contact last name
buyer_contact_email	Text (email)	Yes	Requesting contact email (valid email format)
buyer_phone	Text	No	Requesting contact phone (recommendation to follow standard of International Telecommunications Union E.123, e.g., +33 182 838 625)
campaign_type	Text	Yes	If STD long standard assessment process (12-14 weeks). If RFP short assessment process (Request For Proposal, 4-6 weeks) NOTE: The Client needs to enter the correct value here (STD or RFP) or the request will not be processed and an error code 400 will be returned.
vi_code	Text	No (should be entered in case of a sector initiative request)	Sector initiative code (one possible code per assessment or assessment-sharing request) if applicable. The company will be invited with sharing settings in place for the sector initiative. NOTE: The Client needs to enter a correct sector initiative code where they have authentication rights, otherwise the request will not be processed and an error code 400 will be returned.
evid	Text	No	EVID - company's unique ID in the EcoVadis database

C. Downstream Standard Data Elements (EVData)

Element	Description	Type
Company Information: EVSupplierGeneral		
integration_ids	The integration ID to match the company in both systems	Text/Coll ection
ev_supplier_name	Name of the company in the EcoVadis platform	Text
Client_supplier_name	Alternative names of the company in the EcoVadis platform	Text
parent_company	Name of parent company (if existing)	Text
vat_number	Company VAT number	Text
tax_number	Company Tax ID	Text
siret_number	Company SIRET number. Code allowing geographical identification of any French establishment or business	Text

active	The Client can archive a company, for instance if the business relationship has ended (True/False)	Text
evid	EVID - company's unique ID in the EcoVadis database	Text
Company Additional Information: EVSupplierAdditional		
city	City	Text
state	Region/State	Text
country	Country	Text
address_1	Address 1	Text
address_2	Address 2	Text
website	Company website	Text
isic_category	Industry as determined by the International Standard Industrial Classification	Text
employee_range	Company employee range (1-9 / 10-25 / 26-99 / 100-499 / 500-999 / 1000-9999 / 10000-49999 / 50000+)	Text
size	Company size:: XS / S / M / L	Text
turnover	Company's turnover/revenue: [Undefined; < 2 million; 2 to 10 million; 10 to 100 Million; > 100 Million; > 500 Million; > 1 Billion; > 5 Billion; > 10 Billion]	Text
risk_country	Whether the company is based in a risk country or not (yes/no)	Text
Primary Contact: EVSupplierContact		
supplier_contact_first_name	Primary contact first name	Text
supplier_contact_last_name	Primary contact last name	Text
supplier_contact_email	Primary contact email	Text
supplier_contact_phone	Primary contact phone (country code + rest of phone number)	Text
Latest Status: EVLatestStatus		
campaign_name	Name of the last campaign launched by the Client in which the selected company was included	Text
campaign_type	Type of campaign launched by the Client: "Standard" or "RFP"	Text
rfp_campaign_icon	RFP campaign icon, if campaign was RFP campaign, or if company was set to Priority 0 (provided by an URL)	Text
Current_stage (v2 only)	Values available for the "Current stage" field: <ul style="list-style-type: none"> • Registration • Questionnaire • Expert analysis • Sharing pending • Queued • Not under assessment • N/A 	Text

Current_stage ID (v2 only)	<p>Numeric values corresponding to the "Current stage" statuses:</p> <ul style="list-style-type: none"> • 1 - Registration • 2 - Questionnaire • 3 - ExpertAnalysis • 4 - SharingPending • 5 - Queued • 6 - Not under assessment • 7 - Questionnaire (not my company's request) • 8 - Expert analysis (not my company's request) • 0 - N/A 	Number
Progress_status (v2 only)	<p>Values available for the "Stage status" field:</p> <ul style="list-style-type: none"> • Not yet connected • Action required / Not yet connected • Action advised / Not yet connected • No invitation sent yet • Completed • Answering • Action required / Answering • Action advised / Answering • Sharing pending • Action required / Sharing pending • Action advised / Sharing pending • Expert analysis • Queued • Questionnaire • Registration • Not under assessment • Answering custom questions • Action required / Answering custom questions • Action advised / Answering custom questions 	Text
Progress_status ID (v2 only)	<p>Numeric values corresponding to the "Stage status" statuses:</p> <ul style="list-style-type: none"> • 1 - Not yet connected • 2 - Action required / Not yet connected • 3 - Action advised / Not yet connected • 4 - No invitation sent yet • 5 - Completed • 6 - Answering • 7 - Action required / Answering • 8 - Action advised / Answering • 9 - Sharing pending • 10 - Action required / Sharing pending • 11 - Action advised / Sharing pending • 12 - Expert analysis • 13 - Queued • 14 - Questionnaire • 15 - Registration • 16 - Not under assessment • 17 - Answering custom questions • 18 - Action required / Answering custom questions • 19 - Action advised / Answering custom questions • 20 - Expert analysis (not my company's request) • 0 - N/A 	Number
Request_outcome (v2 only)	<p>Values available for the "Request outcome" field:</p> <ul style="list-style-type: none"> • Scorecard published • Canceled • Refused to participate • No response • Sharing request expired • Sharing request accepted 	Text

	<ul style="list-style-type: none"> Scorecard sharing requested Custom questions sent Custom questions request declined Custom questions completed N/A 	
Request_outcome ID (v2 only)	Numeric values corresponding to the “Request outcome” statuses: <ul style="list-style-type: none"> 1 - Scorecard published 2 - Canceled 3 - Refused to participate 4 - No response 5 - Sharing request expired 6 - Sharing request accepted 7 - Scorecard sharing requested 8 - Custom questions sent 9 - Custom questions request declined 10 - Custom questions completed 0 - N/A 	Number
Sharing_status (v2 only)	Values available for “Sharing status” column: <ul style="list-style-type: none"> Requested Accepted Declined – No response Declined – Refused to participate Canceled by {campaignCancellingUserName} Canceled by EcoVadis N/A 	Text
Sharing_status ID (v2 only)	Numeric values corresponding to the “Sharing status” statuses: <ul style="list-style-type: none"> 1 - Requested 2 - Accepted 3 - Declined – No response 4 - Declined – Refused to participate 5 - Canceled by {campaignCancellingUserName} 6 - Canceled by EcoVadis 0 - N/A 	Number
source	Origin: “Invited” or “Not invited” (for self-registered)	Text
launch_date	The date the campaign was launched	Date
deadline	Deadline related to the current stage	Date
declined	Whether the company has declined to participate or not (True/False)	Text
declined_date	The date the company declined to participate	Date
last_comment	Contact log entry	Text
comment_date	Contact log entry date	Date
buyer_action	Details about escalating to the requesting contact if any problem was encountered with the company (Advised / Required / No)	Text
specific_comment	Specific comment about reason to escalate to the requesting contact	Text
buyer_last_contacted	The date when the requesting contact was last contacted	Date
Latest Score: EVLatestScore		
published_date	The publication date of the last score for the selected company	Date

status_last_update	The sharing acceptance date for the selected company's scorecard	Date
global_score	Overall score (0-100)	Integer
env_score	Environment score (0-100)	Integer
lab_score	Labor & Human Rights score (0-100)	Integer
fbp_score	Ethics score (0-100)	Integer
sup_score	Sustainable Procurement score (0-100 or empty for XS companies)	Integer
global_trend	Overall score trend icon provided by an URL	Text
env_trend	Environment score trend icon provided by an URL	Text
lab_trend	Labor & Human Rights score trend icon provided by an URL	Text
fbp_trend	Ethics score trend icon provided by an URL	Text
sup_trend	Sustainable Procurement score trend icon provided by an URL	Text
scorecard_link	Allows to embed the Scorecard page into the Client System to access it directly from this URL link NOTE: The link is provided in one default language, which is defined per Client. The Client can change the displayed scorecard language by selecting it from the dropdown in the top right corner of the scorecard.	Text
expired	If the scorecard is expired, i.e. published more than 12 months ago (True/False)	Text
documents_number	Number of documents uploaded by the company	Integer
scope_change	Whether the company's assessment scope has changed during the assessment process versus the initial information given by the Client in the assessment request (True/False)	Text
initial_requested_scope	Invited company name	Text
Company Specific Information: EVClientGeneral		
buyer_contact_first_name	Requesting contact first name	Text
buyer_contact_last_name	Requesting contact last name	Text
buyer_contact_email	Requesting contact email	Text
nb_flags	Number of flags assigned to the company	Integer
nb_Client_filters	Number of tags assigned to the company	Integer
nb_integration_ids	Number of integration IDs of the company in the EcoVadis platform	Integer
Corrective Action Plan: EVCAP		
nb_Client_ca	Number of corrective actions requested by the Client	Integer
nb_all_ca	Number of all the corrective actions in the company's corrective action plan	Integer
nb_draft_ca	Number of draft corrective actions	Integer

nb_requested_ca	Number of requested corrective actions	Integer
nb_in_progress_ca	Number of corrective actions in progress	Integer
nb_rejected_ca	Number of rejected corrective actions	Integer
nb_completed_ca	Number of completed corrective actions	Integer
nb_overdue_ca	Number of overdue corrective actions	Integer
nb_no_validation_ca	Number of corrective actions without approval status	Integer
nb_not_validated_ca	Number of not approved corrective actions	Integer
nb_validated_ca	Number of approved corrective actions	Integer
nb_closed_ca	Number of closed corrective actions	Integer
next_deadline	The nearest deadline for all corrective actions of this company. This deadline can be defined by the Client or the company	Date
last_modification	Last edit date	Date
nb_documents	Number of documents for the corrective action plan shared with the Client	Integer
EV Scope Change details: EVSC		
target_company_name	Name of the target company in the EcoVadis platform	Text
target_company_country	Country of the target company	Text
target_company_EVID	EVID - company's unique ID of the target company in the EcoVadis database	Text
target_progress_status	Values available for the "Stage status" field: <ul style="list-style-type: none"> • Not yet connected • Action required / Not yet connected • Action advised / Not yet connected • No invitation sent yet • Completed • Answering • Action required / Answering • Action advised / Answering • Sharing pending • Action required / Sharing pending • Action advised / Sharing pending • Expert analysis • Queued • Questionnaire • Registration • Not under assessment • Answering custom questions • Action required / Answering custom questions • Action advised / Answering custom questions 	Text
target_progress_status_code	Numeric values corresponding to the "Stage status" statuses: <ul style="list-style-type: none"> • 1 - Not yet connected • 2 - Action required / Not yet connected • 3 - Action advised / Not yet connected • 4 - No invitation sent yet • 5 - Completed • 6 - Answering 	Number

	<ul style="list-style-type: none"> • 7 - Action required / Answering • 8 - Action advised / Answering • 9 - Sharing pending • 10 - Action required / Sharing pending • 11 - Action advised / Sharing pending • 12 - Expert analysis • 13 - Queued • 14 - Questionnaire • 15 - Registration • 16 - Not under assessment • 17 - Answering custom questions • 18 - Action required / Answering custom questions • 19 - Action advised / Answering custom questions 	
target_current_stage	Values available for the "Current stage" field: Registration Questionnaire Expert analysis Sharing pending Queued Not under assessment N/A	Text
target_current_stage_code	Numeric values corresponding to the "Current stage" statuses: 1 - Registration 2 - Questionnaire 3 - ExpertAnalysis 4 - SharingPending 5 - Queued 6 - Not under assessment 0 - N/A	Number
target_request_outcome	Values available for the "Request outcome" field: Scorecard published Canceled Refused to participate No response Sharing request expired Sharing request accepted Scorecard sharing requested Custom questions sent Custom questions request declined Custom questions completed N/A	Text
target_request_outcome_code	Numeric values corresponding to the "Request outcome" statuses: 1 - Scorecard published 2 - Canceled 3 - Refused to participate 4 - No response 5 - Sharing request expired 6 - Sharing request accepted 7 - Scorecard sharing requested 8 - Custom questions sent 9 - Custom questions request declined 10 - Custom questions completed 0 - N/A	Number
target_sharing_status	Values available for "Sharing status" column: Requested Accepted Declined – No response Declined – Refused to participate	Text

	Canceled by {campaignCancellingUserName} Canceled by EcoVadis N/A	
target_sharing_status_code	Numeric values corresponding to the “Sharing status” statuses: 1 - Requested 2 - Accepted 3 - Declined – No response 4 - Declined – Refused to participate 5 - Canceled by {campaignCancellingUserName} 6 - Canceled by EcoVadis 0 - N/A	Number
target_global_score	Overall score (0-100) of the target company	Integer
target_env_score	Environment score (0-100) of the target company	Integer
target_lab_score	Labor & Human Rights score (0-100) of the target company	Integer
target_fbp_score	Ethics score (0-100) of the target company	Integer
target_sup_score	Sustainable Procurement score (0-100 or empty for XS companies) of the target company	Integer
target_published_date	The publication date of the last score for the target company	Date
target_scorecard_link	Allows to embed the Scorecard page of the target company into the Client System to access it directly from this URL link.	Text

Carbon Score Method: EVCarbonScore

integration_ids	The integration ID to match the company in both systems	Text/Collection
evid	EVID - company's unique ID in the EcoVadis database	Text
carbon_status_last_update	The sharing acceptance date for the selected company's carbon scorecard	Date
carbon_management_level	Level (5 levels: Insufficient, Beginner, Intermediate, Advanced, Leader)	Text
carbon_scorecard_link	Allows to embed the Carbon Scorecard page into the Client System to access it directly from this URL link NOTE: The link is provided in one default language, which is defined per Client. The Client can change the displayed scorecard language by selecting it from the dropdown in the top right corner of the scorecard.	Text
carbon_scorecard_expired	If the scorecard is expired, i.e. published more than 12 months ago (True/False)	Text

carbon_scorecard_published_date	The publication date of the last carbon scorecard for the selected company	Date
---------------------------------	----------------------------------------------------------------------------	------

Note: EVCarbon Score endpoints are available only for the CAM subscribers

Sample response:

```
{
  "integration_ids": [
    "12345678"
  ],
  "evid": "UX123456",
  "carbon_status_last_update": "2021-04-19T09:28:06.733",
  "carbon_management_level": "Insufficient",
  "carbon_scorecard_link":
    "https://integration.ecovadis-survey.com/carbon?key=hgYFm5IwXFGKLk8k/P/ADNSW7b1RA695hH8DEFv7x/tkDmd1x2S8dRw/9srJ++ZHnfi5JKSWFgbSRt55zTst9w==",
  "carbon_scorecard_expired": true,
  "carbon_scorecard_published_date": "2021-04-19T09:28:06.733"
},
```

Assessment scope Method: EVAssesmentScope		
integration_ids	The integration ID to match the company in both systems	Text/Collection
evid	EVID - company's unique ID in the EcoVadis database	Text
assessment_scope_type_name	Group, Entity, Site	Text
assessment_scope_type_code	1, 2, 3	Number

The structure of the response is as follows

```
SAMPLE RESPONSE: {
  "integration_ids": [],
  "evid": "ZL181089",
  "assessment_scope_type_name": "Group",
  "assessment_scope_type_code": 1
}
```

Mapping between name and code:

Group-1

Entity-2

Site-3

Additionally following filtering is possible:

- by IntegrationID

{{ecovadis_api_address}}/v2.1/EVAssessmentScope?integration_id="xxyzzll"

- by EVID

{{ecovadis_api_address}}/v2.1/EVAssessmentScope?f__evid__eq="xxnnnnnn"

D. Downstream Specific data elements

Element	Description	Type
Integration IDs: This group contains all company Integration IDs existing in the EcoVadis platform for the Client. It is mandatory and returned in every call.		
integration_ids	Label of any integration IDs of the Client used to identify company (maximum 10 per company)	Text
Score History: EVScoreHistory		
published_date	The publication date of the selected score	Date
status_last_update	The sharing-acceptance date for the selected company's scorecard	Date
global_score	Overall score (0-100)	Integer
env_score	Environment score (0-100)	Integer
lab_score	Labor & Human Rights score (0-100)	Integer
fbp_score	Ethics score (0-100)	Integer
sup_score	Sustainable Procurement score (0-100, empty for XS companies)	Integer
global_trend	Overall score trend icon provided by an URL	Text
env_trend	Environment score trend icon provided by an URL	Text
lab_trend	Labor & Human Rights score trend icon provided by an URL	Text
fbp_trend	Ethics score trend icon provided by an URL	Text

sup_trend	Sustainable Procurement score trend icon provided by an URL	Text
scorecard_link	Allows to embed the scorecard into the Client System to access it directly from this URL link. NOTE: The link is provided in one default language, which is defined per Client. The Client can change the displayed scorecard language by selecting it from the dropdown in the top right corner of the scorecard.	Text
expired	Whether the scorecard is expired, i.e. published more than 12 months ago (True/False)	Text
scope_change	Whether the assessment scope of the company has changed from the initial information given by the Client during the assessment process (True/False) (see above)	Text
initial_requested_scope	Invited company name (see above)	Text
Tags: EVClientFilters		
cf_code	Code of tag assigned to the selected company	Text
cf_name	Name of tag assigned to the selected company	Text
Flags: EVClientFlags		
flag	Name of flag assigned to the selected company	Text
CSR Key Performance Indicators: EVKPI		
kpi_code	Unique code of the CSR KPI	Text
kpi_label	Wording used for this CSR KPI (EV standard wording or defined by Client)	Text
kpi_theme	Theme of the CSR KPI (GLOBAL / ENV / LAB / FBP / SUP)	Text
kpi_active	Whether the company satisfies the CSR KPI conditions or not (True/False)	Text
Custom Questions: EVCSQ		
csq_id	Unique ID of the custom question	Text
csq_text	The question itself, a phrase or paragraph	Text
csq_strength	Strength(s) related to the answer option selected by the company	Text
csq_weakness	Improvement area(s) related to the answer option selected by the company	Text
csq_docs	Number of documents attached by the company to the answer	Integer

E. Filtering operators

Operator	Meaning	Applies to Data Type
eq	Returns only result items with field value equal to the given filter value. Text values are not case-sensitive.	Text, Integer number,

	This operator is the default operator, which means it can be removed and we can just use the '=' sign.	Floating-point number, Boolean, Date
in	Returns only result items with field value equal to one of the given values in the list. The list of values should be comma-separated. Text values are not case-sensitive.	Text, Integer number, Floating-point number, Date
ne	Returns only result items with field values not equal to the given filter value. Text values are not case-sensitive.	Text, Integer number, Floating-point number, Boolean, Date
lt	Returns only result items with field values less than given filter value.	Integer number, Floating-point number, Date
le	Returns only result items with field values less than or equal to given filter value.	Integer number, Floating-point number, Date
gt	Returns only result items with field values greater than given filter value.	Integer number, Floating-point number, Date
ge	Returns only result items with field values greater than or equal to given filter value.	Integer number, Floating-point number, Date
null	If set to 'true' returns only result items with null field values. If set to 'false' returns only result items with non-null field values.	Integer number, Floating-point number, Boolean, Date

F. Filtering elements & modes

Filtering Element	Related Method	Filtering Example
integration_ids	All methods	<code>https://.../EVLatestScore?integration_id="XYZ5","ABC12"</code>
EVID	All methods containing this field	<code>//EVData?f_evid_in="SampleEVID1","SampleEVID2","SampleEVID2"</code> (length of whole query cannot be longer than 100 characters or <code>//EVData?f_evid_eq="SampleEVID"</code>
launch_date	EVData, EVLatestStatus	<code>https://.../EVData?f_launch_date_ge="2016-11-20"</code>

published_date	EVDData, EVLatestScore, EVScoreHistory	<a 2016-12-25"="" href="https://.../EVLatestScore?f__published_date__eq=">https://.../EVLatestScore?f__published_date__eq="2016-12-25"
status_last_update	EVDData, EVLatestScore, EVScoreHistory	<a 2016-12-26"="" href="https://.../EVDData?f__status_last_update__ge=">https://.../EVDData?f__status_last_update__ge="2016-12-26"
delined_date	EVDData	<a 2023-05-01"="" href="https://.../EVDData?f__declined_date__ge=">https://.../EVDData?f__declined_date__ge="2023-05-01"
declined	EVDData, EVLatestStatus	https://.../EVLatestStatus?f__declined="true"
buyer_action	EVDData, EVLatestStatus	https://.../EVLatestStatus?f__buyer_action="true"
global_score	EVDData, EVLatestScore, EVScoreHistory	<a 70"="" href="https://.../EVScoreHistory?f__global_score__gt=">https://.../EVScoreHistory?f__global_score__gt="70"
expired	EVDData, EVLatestScore, EVScoreHistory	<a false"="" href="https://.../EVScoreHistory?f__expired=">https://.../EVScoreHistory?f__expired="false"
Filtering Mode	Related Method	Filtering Example
and	All methods	<a 30"&f__global_score__le="80" ?filter_mode='and"' href="https://.../EVDData?f__global_score__gt=">https://.../EVDData?f__global_score__gt="30"&f__global_score__le="80"?filter_mode=and In this case, filter mode parameter can be removed as it is 'and' by default.
or	All methods	<a &filter_mode='or"' 70"&f__published_date__eq="2016-12-25" href="https://.../EVLatestScore?f__global_score__lt=">https://.../EVLatestScore?f__global_score__lt="70"&f__published_date__eq="2016-12-25"&filter_mode=or

Carbon Score Downstream method Filtering elements & modes with examples

Filtering Element	Related Method	Filtering Example
integration_ids	All methods	https://.../EVCarbonScore?integration_id="XYZ5","ABC12"
EVID	EVCarbonScore	//EVCarbonScore?f__evid__in="SampleEVID1","SampleEVID2","SampleEVID2" (length of whole query cannot be longer than 100 characters or //EVCarbonScore?f__evid__eq="SampleEVID"
carcon_scorecard_published_date	EVCarbonScore	<a 2016-12-25"="" href="https://.../EVCarbonScore?f__published_date__eq=">https://.../EVCarbonScore?f__published_date__eq="2016-12-25"
status_last_update	EVCarbonScore	<a 2016-12-26"="" href="https://.../EVCarbonScore?f__status_last_update__ge=">https://.../EVCarbonScore?f__status_last_update__ge="2016-12-26"
carbon_scorecard_expired	EVCarbonScore	<a false"="" href="https://.../EVCarbonScore?f__expired=">https://.../EVCarbonScore?f__expired="false"

Filtering Mode	Related Method	Filtering Example
and	All methods	<p><code>https://.../EVCarbonScore?f__global_score__gt="30"&f__global_score__le="80"?filter_mode=and</code></p> <p>In this case, filter mode parameter can be removed as it is 'and' by default.</p>
or	All methods	<p>ht</p> <p><code>tps://.../EVCarbonScore?f__global_score__lt="70"&f__published_date__eq="2016-12-25"&filter_mode=or</code></p>

G. Response codes and messages

These are standard HTTP response codes to inform about the returned call status:

Response Code	Use Case	Upstream use example	Downstream use example
200: OK	The request was successful	N/A (see 201)	Requested data has been successfully returned
201: Created	The request was successful (only when creating new data)	Assessment request has been successfully created	N.a. (see 200)
400: Bad Request	The request cannot be processed due to a bad syntax	Wording error in the query	<pre>{ "Message": "Value land is not valid for ' field" }</pre> <pre>{ "Message": "Value \false\90filter_mode=and is not valid for 'declined' field" }</pre>
	Missing Mandatory Data	Response message example: "The request is invalid.", "ModelState": {"EVRequest[0].supplier_contact_first_name": ["'s upplier_contact_first_name' should not be empty."]}	N/A
	Wrong attribute format (not the specified type)	Response message example: "The request is invalid.", "ModelState": {"EVRequest[0].supplier_contact_first_name": ["'s upplier_contact_first_name' should not be empty."]}	N/A
	Maximum number of requests in a single EVRequest call exceeded	Response message: "Too much data in single batch. Maximum number of requests in single batch is 2"	N/A

	Page size is out of range	N/A	Response message: "Maximum page size exceeded"
	Page number is out of range	N/A	Response message: "Page number out of range"
	Page size has an incorrect value	N/A	Response message: "The '@incorrect_value' incorrect page size value"
	Parameter is not supported	v2.1/EVScoreHistory?f__evid__eq="..."	Response message: { "Message": "evid is not valid field of entity" }
401: Unauthorized	Correct Authentication has not been provided	The Client cannot send assessment request due to an authentication error	The Client cannot access the data due to an authentication error
404: Not Found	The server has not found any data matching with the request. The requested resource could not be found but may be available again in the future. Subsequent requests by the Client are permissible.	Wrong URL entered	Wrong URL entered
405: Method Not allowed	Using the wrong method	Using PUT instead of POST. Not possible because the method is meant to create a new assessment request not update an already created one	Using POST instead of GET. Not possible as this method is read-only
429: Too many requests	Method call limitation exceeded	Calling the method after daily call limitation exceeded. Response message: "API calls quota exceeded! maximum admitted X per Day"	
500: Internal Server Error	The server encountered an unexpected condition which prevented it from fulfilling the request	Request not fulfilled because of an internal error	Request not fulfilled because of an internal error
502: Bad Gateway	The server, while acting as a gateway or proxy, received an invalid response from the upstream server it accessed in attempting to fulfill the request.	Error in the database, not in the REST API	Error in the database, not in the REST API
503: Service Unavailable	The server is currently unable to handle the request due to a temporary overloading or maintenance of the server. The implication is that this is a temporary condition which will be alleviated after some delay.	E.g., cannot save the new assessment request for maintenance reasons in EcoVadis platform	E.g., company data not available for maintenance reasons
505: HTTP Version not supported	The server does not support, or refuses to support the HTTP protocol version that was used in the request message.	The HTTP version used by the Client is not supported by the REST API	The HTTP version used by the Client is not supported by the REST API

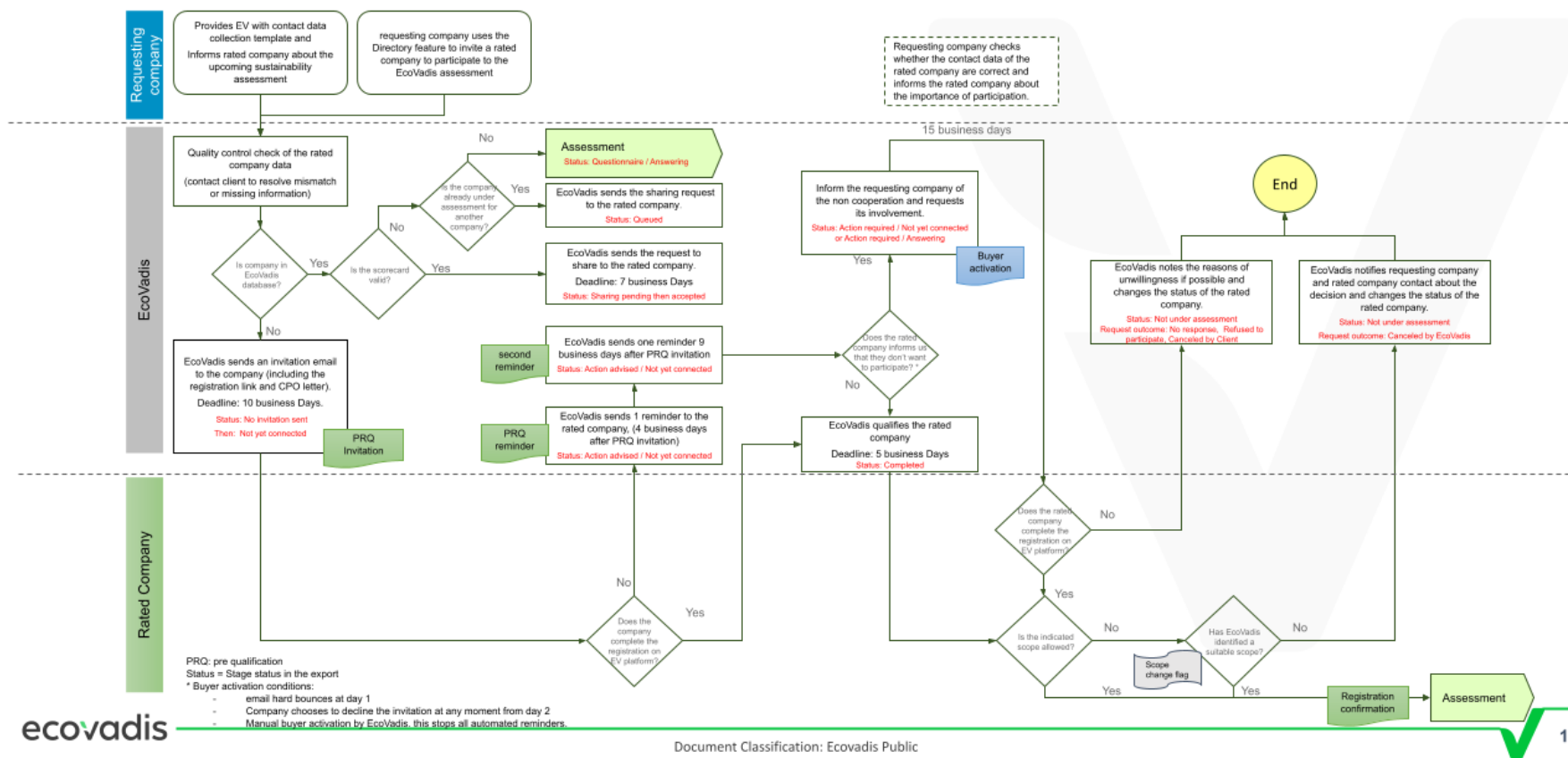
APPENDIX A:

EcoVadis REGISTRATION AND ASSESSMENT WORKFLOWS:

Process Description: Registration

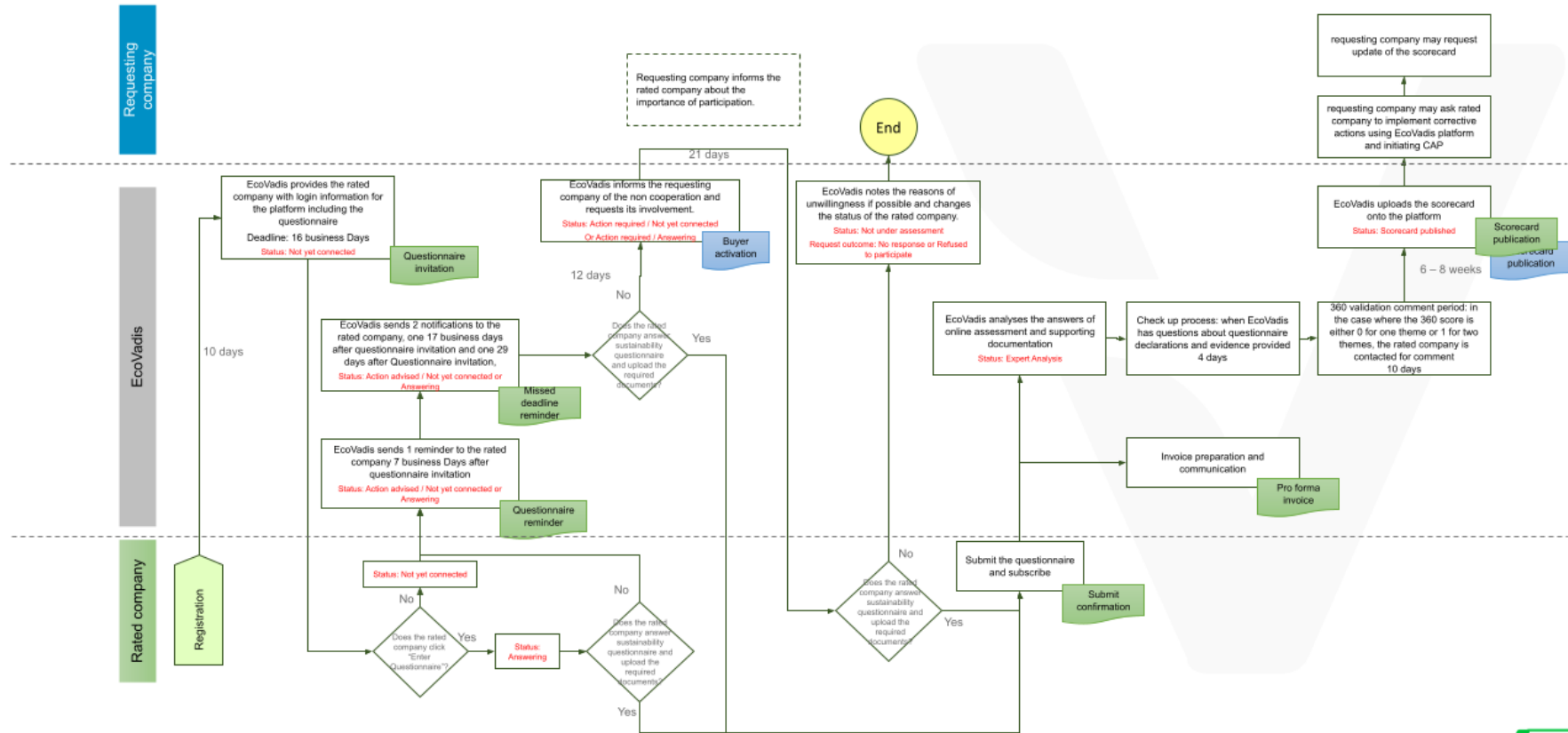
Automated email sent to the assessed company

Automated email sent to the requesting company



Document Classification: Ecovadis Public

Process Description: Assessment



APPENDIX B:

HOW TO Understand EV Progress Statuses

CurrentStage	ProgressStatus	SharingStatus	RequestOutcome	Business description for the combination
Registration	No invitation sent yet	Requested	N/A	Only Directory, Registration email will be sent within 4 days
Registration	Not yet connected	Requested	N/A	EV Sent the registration invitation e-mail to the Legal Entity to be assessed
Registration	Action required / Not yet connected	Requested	N/A	Legal Entity has not opened the registration invitation e-mail link/ Deadline approaching/ Buyer should contact the supplier
Registration	Answering	Requested	N/A	Legal Entity opened the registration invitation e-mail link.
Registration	Action required / Answering	Requested	N/A	Legal Entity opened the registration invitation e-mail link/ Deadline approaching/ Buyer should contact the supplier
Registration	Completed	Requested	N/A	Legal Entity finished registration. The Questionnaire will be sent after the

				qualification.
Questionnaire	Answering	Requested	N/A	Legal Entity is currently answering the Questionnaire.
Questionnaire	Not yet connected	Requested	N/A	Legal Entity finished the registration, link to the Assessment Questionnaire has been sent but the questionnaire has not yet been opened
Questionnaire	Action required / Not yet connected	Requested	N/A	Legal Entity finished the registration, link to the Assessment Questionnaire has been sent but the questionnaire has not yet been opened and the deadline is approaching
Questionnaire	Answering	Accepted	N/A	Legal Entity is currently answering the Questionnaire and will share the scorecard after its publication.
Questionnaire	Action required / Answering	Requested	N/A	Legal Entity is currently answering the Questionnaire but will soon go to declined because the deadline is approaching.
Questionnaire	Not yet connected	Accepted	N/A	Legal Entity finished the registration, link to the Assessment Questionnaire has been sent but the questionnaire has not yet been opened. SC will be shared, once assessment is completed.
Questionnaire	Action required / Not yet connected	Accepted	N/A	Legal Entity finished the registration, link to the Assessment Questionnaire has been sent but the questionnaire has not yet been opened and the deadline is approaching
Questionnaire	Action required / Answering	Accepted	N/A	Legal Entity is currently answering the Questionnaire but will soon go to declined

				because the deadline is approaching.
Questionnaire	Answering Specific Questions	Accepted	Custom questions sent	Legal Entity is currently answering the customer specific questions and will share the scorecard after its publication.
Questionnaire	Action required / Answering Specific Questions	Accepted	Custom questions sent	Legal Entity is currently answering the Questionnaire but will soon go to declined because the deadline is approaching.
Questionnaire (not my company`s request)	Answering	Accepted	Sharing request accepted	The Legal Entity received an invitation from another company, but is in your network already. The Legal Entity is answering Questionnaire you will see the updated SC once available.
Questionnaire (not my company`s request)	Not yet connected	Accepted	Sharing request accepted	The Legal Entity received an invitation from another company, but is in your network already. The link to the Assessment Questionnaire has been sent but the questionnaire has not yet been opened. You will see the updated SC once available.
Questionnaire (not my company`s request)	Answering	Accepted	Scorecard published	The Legal Entity received an invitation from another company, but is in your network already. The Legal Entity is answering Questionnaire you will see the updated SC once available.
Questionnaire (not my company`s request)	Not yet connected	Accepted	Scorecard published	The Legal Entity received an invitation from another company, but is in your network already. The link to the Assessment Questionnaire has been sent but the questionnaire has not yet been opened. You will see the updated SC once

				available.
Questionnaire (not my company`s request)	Answering	Accepted	Refused to participate	The Legal Entity received an invitation from another company, but is in your network already. The Legal Entity is answering Questionnaire you will see the updated SC once available.
Questionnaire (not my company`s request)	Answering	Accepted	No response	The Legal Entity received an invitation from another company, but is in your network already. The Legal Entity is answering Questionnaire you will see the updated SC once available.
Questionnaire (not my company`s request)	Not yet connected	Accepted	No response	The Legal Entity received an invitation from another company, but is in your network already. The link to the Assessment Questionnaire has been sent but the questionnaire has not yet been opened. You will see the updated SC once available.
Questionnaire (not my company`s request)	Not yet connected	Accepted	Refused to participate	The Legal Entity received an invitation from another company, but is in your network already. The link to the Assessment Questionnaire has been sent but the questionnaire has not yet been opened. You will see the updated SC once available.
Questionnaire (not my company`s request)	Answering	Accepted	Custom questions completed	The Legal Entity received an invitation from another company, but is in your network already. The Legal Entity is answering Questionnaire you will see the updated SC once available.

Questionnaire (not my company`s request)	Not yet connected	Accepted	Custom questions completed	The Legal Entity received an invitation from another company, but is in your network already. The link to the Assessment Questionnaire has been sent but the questionnaire has not yet been opened. You will see the updated SC once available.
Queued	Queued	Requested	N/A	Legal Entity is currently under assessment for another client and is not in your network yet
Queued	Queued	Accepted	N/A	Legal Entity was invited by you for a reassessment but is currently under assessment for another client.
Expert analysis	Expert analysis	Accepted	N/A	Legal Entity finished the Questionnaire and it is currently being assessed by our Analysts.3
Expert analysis (not my company`s request)	Expert analysis (not my company`s request)	Accepted	Sharing request accepted	The Legal Entity received an invitation from another company, but is in your network already. The Legal Entity finished the Questionnaire and is currently being assessed by our Analysts
Expert analysis (not my company`s request)	Expert analysis (not my company`s request)	Accepted	Scorecard published	The Legal Entity received an invitation from another company, but is in your network already. The Legal Entity finished the Questionnaire and is currently being assessed by our Analysts
Expert analysis (not my company`s request)	Expert analysis (not my company`s request)	Accepted	Refused to participate	The Legal Entity received an invitation from another company, but is in your network already. The Legal Entity finished the Questionnaire and is currently being assessed by our Analysts

Expert analysis (not my company's request)	Expert analysis (not my company's request)	Accepted	No response	The Legal Entity received an invitation from another company, but is in your network already. The Legal Entity finished the Questionnaire and is currently being assessed by our Analysts
Expert analysis (not my company's request)	Expert analysis (not my company's request)	Accepted	Custom questions completed	The Legal Entity received an invitation from another company, but is in your network already. The Legal Entity finished the Questionnaire and is currently being assessed by our Analysts
Not under assessment	Not under assessment	Accepted	Scorecard published	The Legal Entity is not under assessment. It already has a score that was shared with you.
Not under assessment	Not under assessment	Accepted	Sharing request accepted	The Legal Entity is not under assessment. It already has a score that was shared with you.
Not under assessment	Not under assessment	Declined – No response	No response	The Legal Entity is not under assessment because the invitation was set to declined.
Not under assessment	Not under assessment	Declined – Refused to participate	Refused to participate	The Legal Entity is not under assessment because it refused to participate.
Not under assessment	Not under assessment	Accepted	No response	The Legal Entity has accepted your assessment invitation in the past, but the current invitation was set to declined.
Not under assessment	Not under assessment	Accepted	Refused to participate	The Legal Entity has accepted your assessment invitation in the past, but refused to participate for the most recent invitation.
Not under assessment	Not under assessment	Canceled by my company	Refused to participate	The Legal Entity is not under assessment because someone from your company cancelled the assessment invitation.

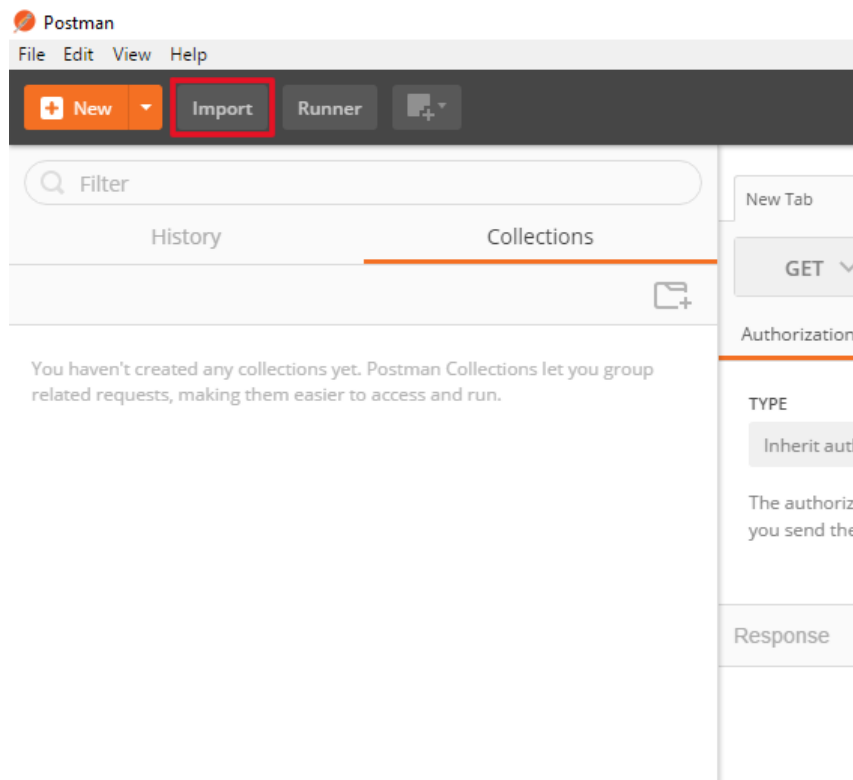
Not under assessment	Not under assessment	Canceled by my company	Canceled	The Legal Entity is not under assessment because someone from your company cancelled the assessment invitation.
Not under assessment	Not under assessment	Canceled by my company	No response	The Legal Entity is not under assessment because someone from your company cancelled the assessment invitation.
Not under assessment	Not under assessment	Accepted	Custom questions completed	The Legal Entity has accepted the invitation and answered the custom questions.
Not under assessment	Not under assessment	Canceled by EcoVadis	Canceled	The Legal Entity is not under assessment because EcoVadis cancelled the assessment invitation.
Not under assessment	Not under assessment	Canceled by EcoVadis	Refused to participate	The Legal Entity is not under assessment because EcoVadis cancelled the assessment invitation.
Not under assessment	Not under assessment	Canceled by EcoVadis	No response	The Legal Entity is not under assessment as the assessment invitation was canceled by EcoVadis.

APPENDIX C: GETTING STARTED WITH EV API IN POSTMAN

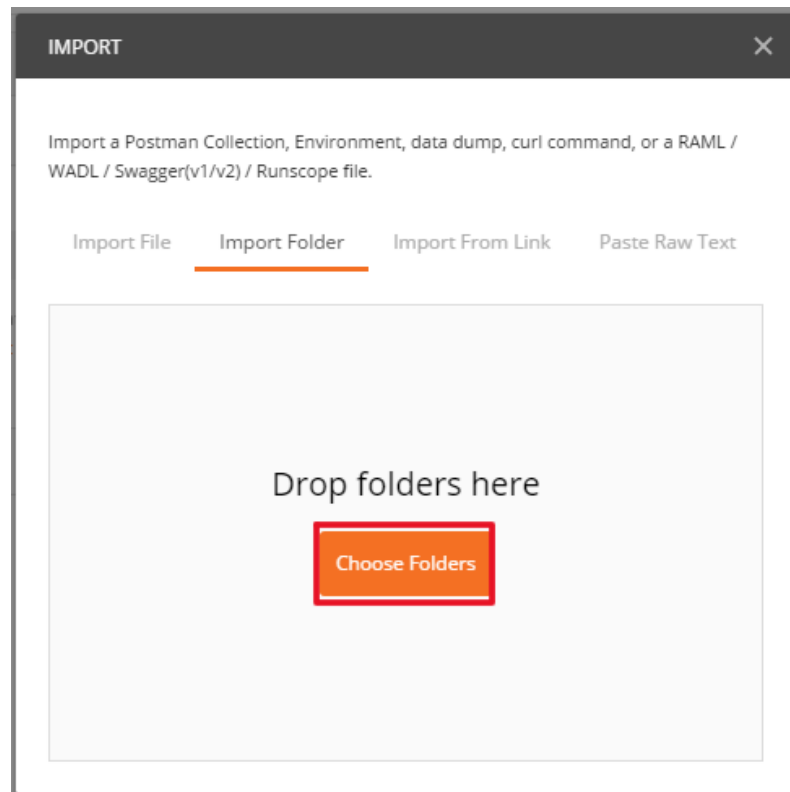
1. Getting started

- Step 1 – download and install Postman from <https://www.getpostman.com/>.
- Step 2 – import Postman Collection and Environment

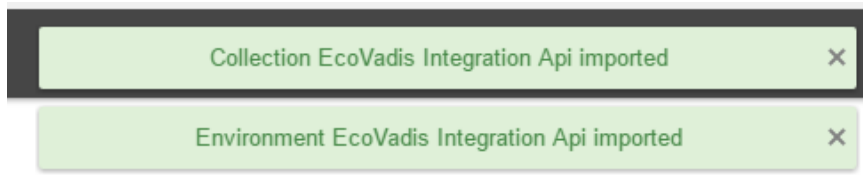
Click Import button in the Postman:



Choose Import Folder tab and then Click Choose Folders button:



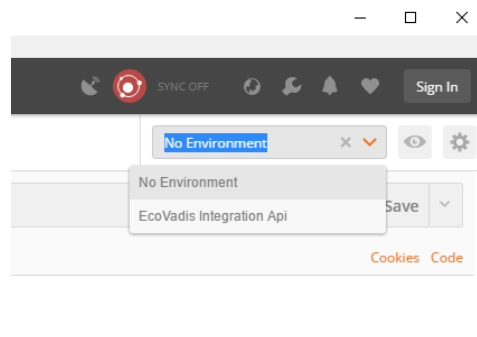
Choose folder with EcoVadis Postman Collection and Environment, then you will see info that data is correctly imported;



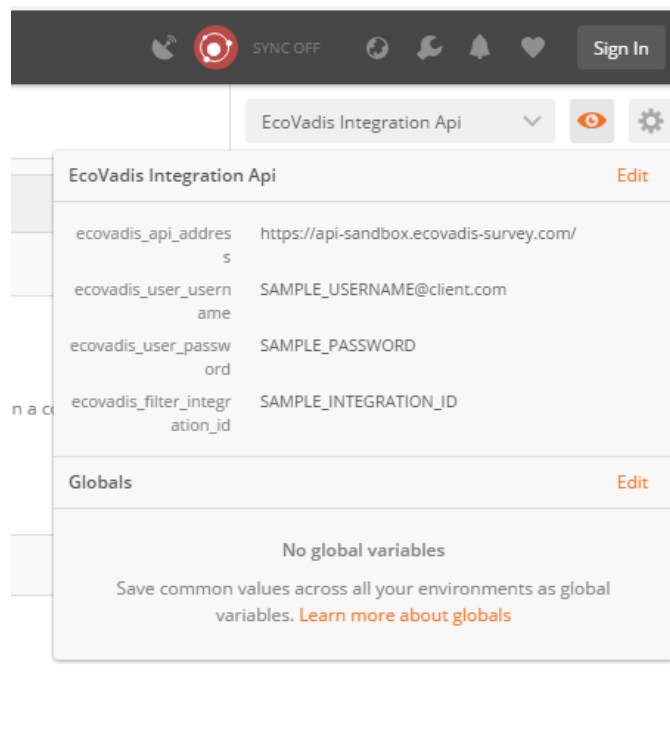
* Sometimes Postman will not show imported Environment so to avoid this before going to next step please restart Postman.

- Step 3 – set Environment variables

Click on environment selection and choose “EcoVadis Integration Api” environment:



Click on “Eye” button to see values of environment variables:



Click on edit to set proper login info. You need to set: ecovadis_user_username and ecovadis_user_password variables with your credentials. Then you need to click update.

MANAGE ENVIRONMENTS

Edit Environment

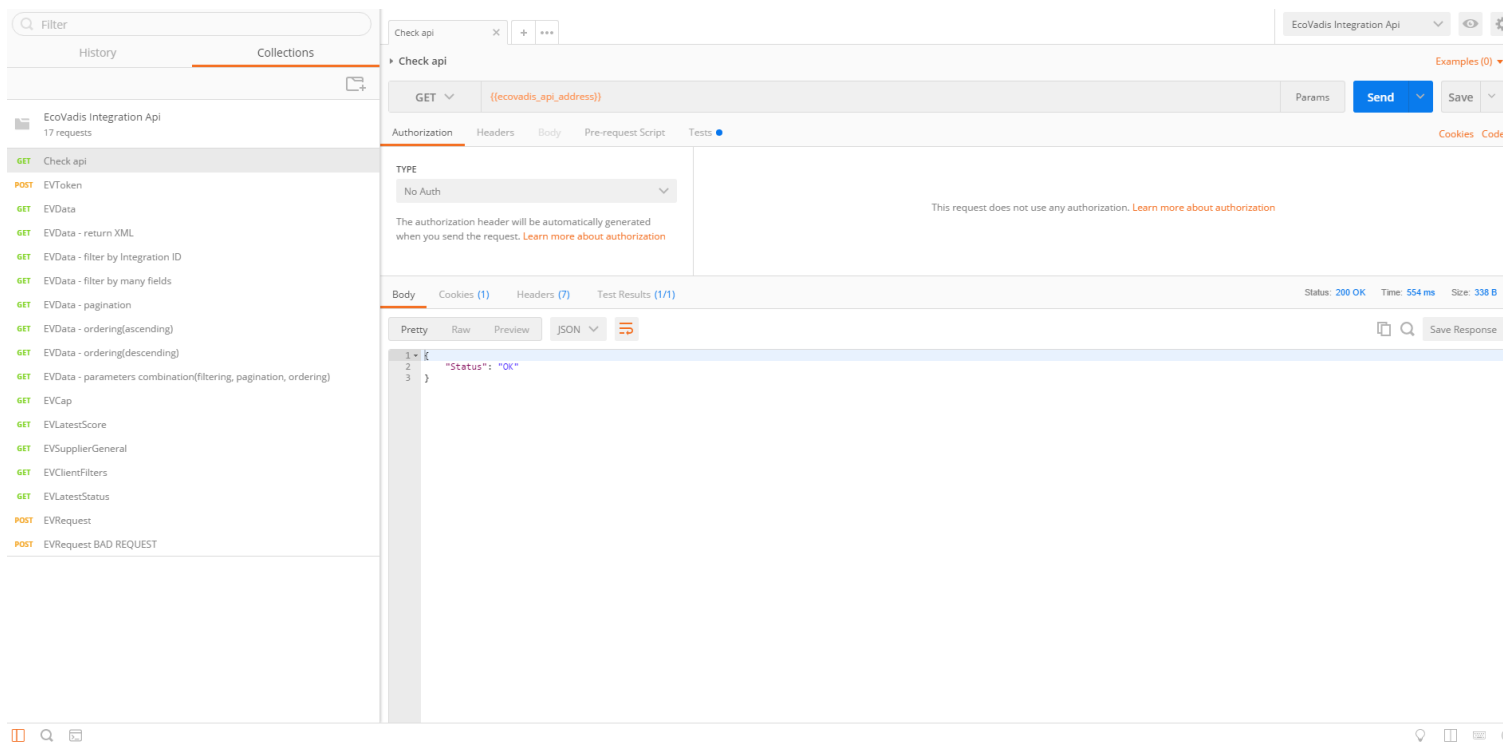
EcoVadis Integration Api

	Key	Value	Bulk Edit
<input checked="" type="checkbox"/>	ecovadis_api_address	https://api-sandbox.ecovadis-survey.com/	
<input checked="" type="checkbox"/>	ecovadis_user_username	SAMPLE_USERNAME@client.com	
<input checked="" type="checkbox"/>	ecovadis_user_password	SAMPLE_PASSWORD	
<input checked="" type="checkbox"/>	ecovadis_filter_integration_id	SAMPLE_INTEGRATION_ID	
	New key	Value	

Cancel
Update

- Step 4 – our first call

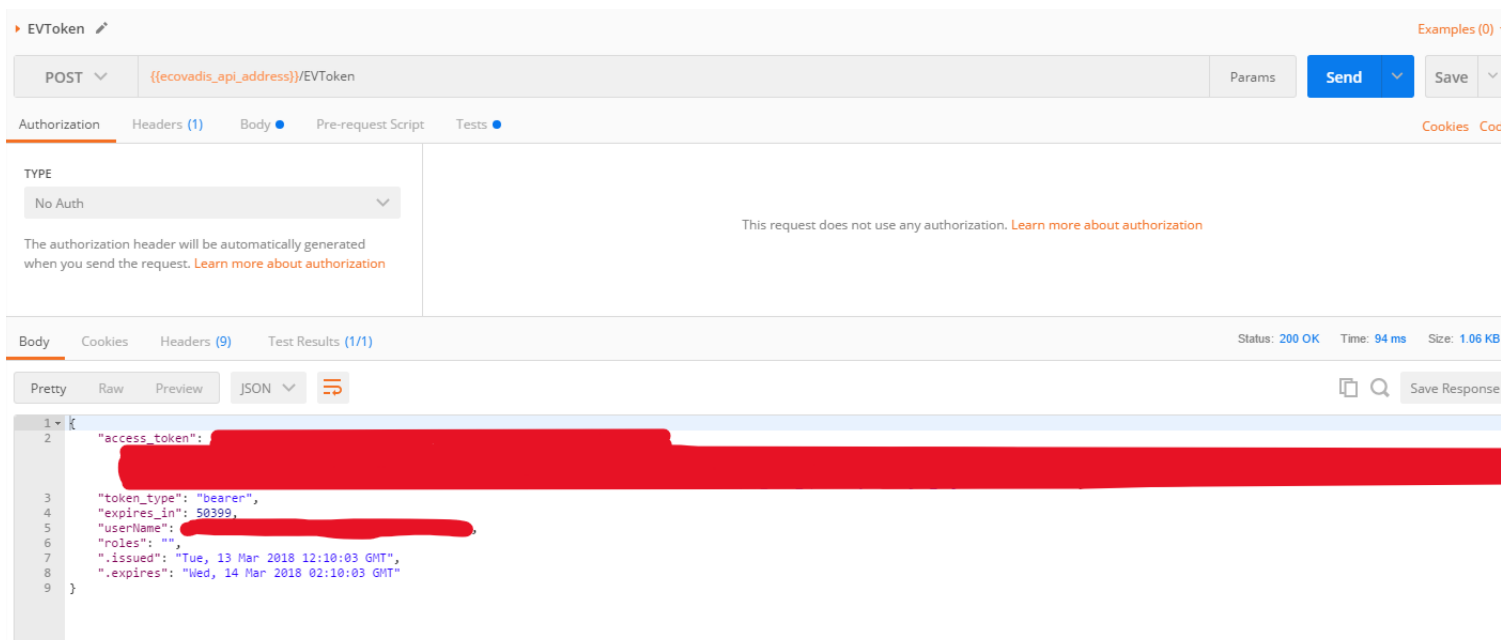
On the left menu click “EcoVadis Integration Api” to expand example calls list. Then choose first call – “Check api” and click “Send” button.



In the body you will see response with “Status”: “Ok”.

- Step 5 – retrieve EVToken

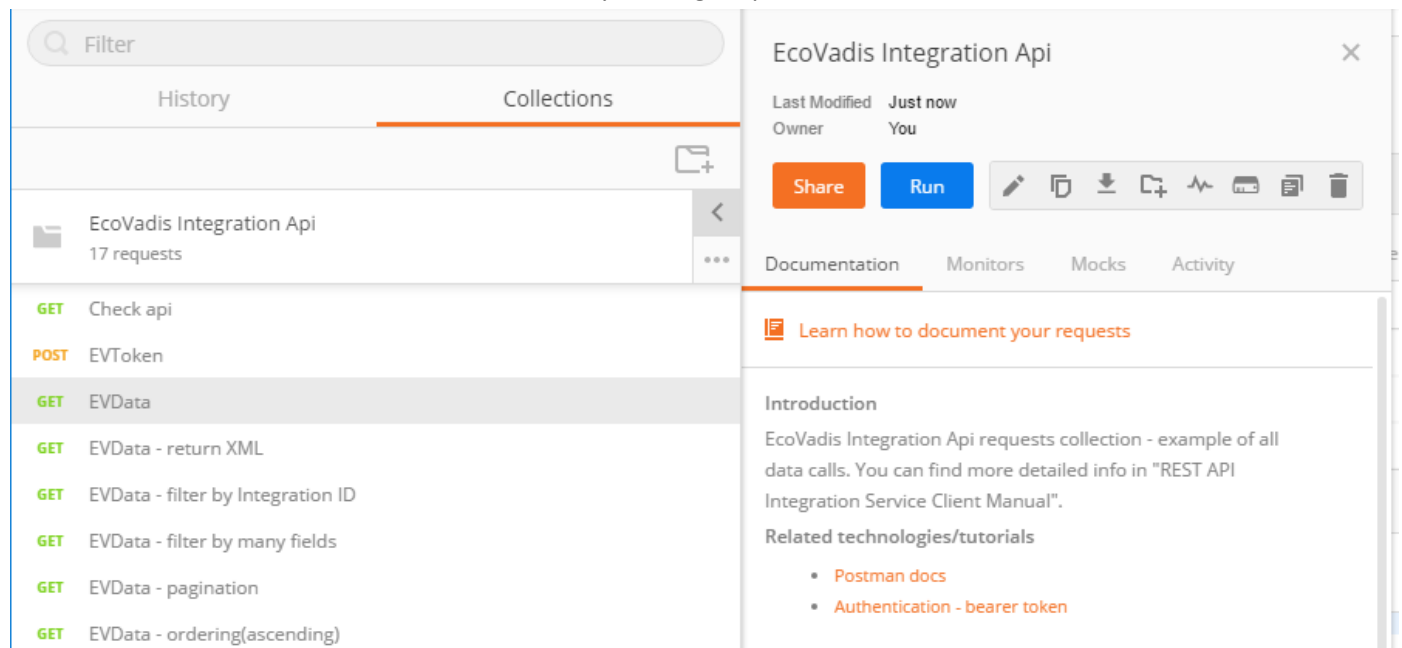
Choose “EVToken” call on left menu and click “Send”. Postman will retrieve token using `ecovadis_user_username` and `ecovadis_user_password` Environment variables which was set in “Step 4”. As you can see we gets “access_token”, Postman will now create automatically one more environment variable which will contain `access_token` and will use it in all example calls which needs authentication.



- Step 6 – start consuming EcoVadis Integration Api

Now you're authenticated and you can start with using example calls to see each call data for ex. headers, body, method, url. You need to remember that this call are only showcases(examples) – you can find info about all available calls in "REST API Integration Service Client Manual".

You can find more detailed info related with call by clicking "expand arrow" on the left menu – call collection:



Then clicking on preferred call on extended menu:

GET EVData - return XML

A[  

Purpose

Showcase of changing returned data from json to xml. Based on EVData method.

Documentation references

- Overview of the EcoVadis REST API
 - Returned Data Type
- Downstream Methods
 - Returned Data Groups
- API Data Reference
 - Resources list

[Open in builder](#)

APPENDIX D:

Best Practices for Displaying API Data for Mutual Customers

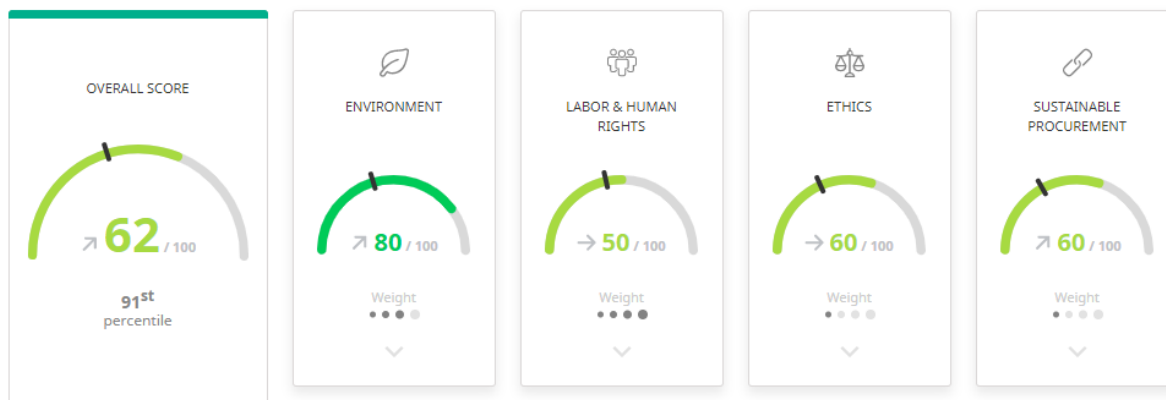
Description of main use cases

In general, customers use EcoVadis integrations to be able to see and manage their suppliers' ratings directly from their supplier management, risk management, or procurement software. The following four use cases are most commonly expected:

A user wants to see Supplier performance data

If the user has already engaged with their supplier in EcoVadis, they have access to their EcoVadis scorecard. They want to see this performance information when looking at the supplier in your tool in order to inform procurement decisions.

At the basic level, we recommend displaying the overall EcoVadis rating and the four theme scores that comprise it. Additionally, the score publication date and, if applicable, earned medal should be displayed. Below is an example of how the scores are displayed in the EcoVadis platform, for context.



At a more advanced level, we recommend allowing users to access this data in a way that makes sense for your platform. Examples include:

- Filtering for companies that have an EcoVadis rating
- Filtering for companies by a specific EcoVadis score
- Dashboard statistics that include EcoVadis ratings, like the % of spend assessed, scores over time, etc.

From an API perspective the following fields would be shown to the user at a minimum. See the “**Downstream Standard Data Elements**” in the API documentation for additional field options:

Latest Score: EVLatestScore		
published_date	The publication date of the last score for the selected company	Date
status_last_update	The sharing acceptance date for the selected company’s scorecard	Date
global_score	Overall score (0-100)	Integer
env_score	Environment score (0-100)	Integer
lab_score	Labor & Human Rights score (0-100)	Integer
fbp_score	Ethics score (0-100)	Integer
sup_score	Sustainable Procurement score (0-100 or empty for XS companies)	Integer
global_trend	Overall score trend icon provided by an URL	Text
env_trend	Environment score trend icon provided by an URL	Text
lab_trend	Labor & Human Rights score trend icon provided by an URL	Text
fbp_trend	Ethics score trend icon provided by an URL	Text
sup_trend	Sustainable Procurement score trend icon provided by an URL	Text
scorecard_link	Allows to embed the Scorecard page into the Client System to access it directly from this URL link NOTE: The link is provided in one default language, which is defined per Client. The Client can change the displayed scorecard language by selecting it from the dropdown in the top right corner of the scorecard.	Text
expired	If the scorecard is expired, i.e. published more than 12 months ago (True/False)	Text

Examples of additional fields that partners show include “**Corrective Action Plan: EVCAP**” data, which shows how the supplier is progressing on improvements from the last assessment, and “**EV Scope Change details: EVSC,**” which covers any changes in the assessment scope. Suppliers can sometimes ask to change the scope of an assessment from the group level to the site level, for example, and these fields track the original request vs. the changes made.

Special case: Scope change

An assessment “scope” refers to the legal entity or entities being covered by the scorecard. For example, a scorecard can cover the entire company, or just one local entity or site.

The scope of an assessment can change, generally if the company being rated requests it. For example, a rated company may receive a new request to have a specific site assessed. They can either complete the new assessment, or they can say “I already have a scorecard at the parent

company level. I would rather share that scorecard instead of doing a new Rating.” If they do that, then the scope of the assessment has changed.

From an API perspective, we send information about whether or not a scope change has occurred in the field `scope_change`. If a scope change has taken place, then the API will send additional fields related to the “target scope,” or the scope that was eventually rated. These include target scope name, publication date, overall score, and the four theme scores.

If `scope_change` is false, then we recommend showing either 1) nothing related to scope change or 2) an indication that no scope change has occurred, with no further fields displayed

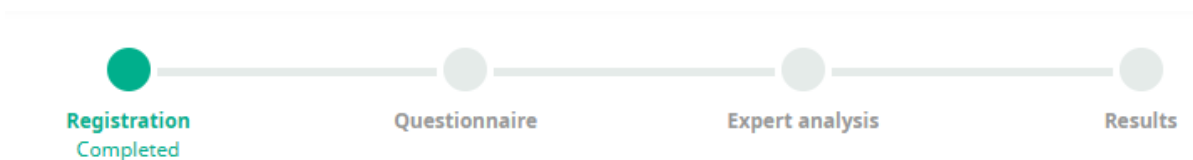
If `scope_change` is true, then we recommend showing

1. an indication that a scope change has happened
2. Fields from the “EV Scope Change details: EVSC (available only in version 2.1) section of the API in addition to, or in place of, their normal counterparts.

A user wants to see their supplier’s assessment progress data

If the user has requested that the supplier participate in an EcoVadis assessment, there are a few steps that the supplier goes through before the scorecard is available. The process can take a few months because the supplier needs to provide their documentation, and then it needs to be reviewed by the EcoVadis expert analyst team. Therefore, showing the intermediary statuses is important.

Until the score is available, the process step should be shown. Here is an example from the EcoVadis platform:



From an API perspective, fields from the section “Latest Status: EVLatestStatus” can be used to show this data. **Current_stage** shows the phase details shown above (registration, questionnaire, etc) and **progress_status** is a more detailed dive into that same information. **Sharing_status** indicates whether or not a supplier has agreed to share an existing scorecard with the customer. Please see more information on statuses in the “Status display” section below.

Elements to display by status

This chart shows the use cases to show based on the `Sharing_status` field returned by the API

Sharing_Status	Elements to display
Requested	Status information (Sharing_Status + Progress_status)
Accepted	Score data

<i>Special case:</i> Accepted + expired score (expired = true)	Score data + Request button/form
Declined- No response	Sharing_status (Declined) + Request button/form
Declined - Refused to participate	Sharing_status (Declined) + Request button/form
Canceled by {campaignCancellingUserName}	Sharing_status (Canceled by {campaignCancellingUserName}) + Request button/form
Canceled by EcoVadis	Message only: This company cannot be rated by EcoVadis. EcoVadis methodology does not apply to entities such as holding companies, nonprofits, or government entities.
N/A	Request button/flow

A user wants to request that a single supplier get a rating

If a user is looking at a supplier and they do not yet have an EcoVadis rating, are not currently in one of the process steps above, or are not sharing it with the user, then the user may want to request a new rating. Therefore, they should be able to start the Ratings process directly from your platform. Our API takes a few pieces of information on the supplier and buyer contact information and starts that process, in what we call an upstream request.

If suppliers interact with your system and would be familiar with it, we also recommend triggering a notification to the supplier from your system that the request was sent.

Below is an example of requesting a supplier be rated from the EcoVadis platform:

Invite company



1 Indicate a contact at the company you want to invite

You are about to invite the following company:

ECOVADIS (MAURITIUS) LTD

Enter the details of the person who should receive this invitation:

First name

Last name

Email

Dialing code



Phone

2 Assign a contact at your company

Next

3 Define invitation settings

See below for more information on API fields for requesting suppliers.

A user wants to set up batch request triggers

Customers often have policies in place that suppliers must get an EcoVadis rating at some point in the procurement process in order to continue through the process. This follows the same basic process as above, but as an automatic trigger when suppliers move to the appropriate step, or meet certain criteria.

Best Practices

The goal of displaying EcoVadis data in a third-party tool is to help customers use sustainability data in procurement decisions. Thus, it should be shown in a clear, concise way alongside other information relevant to general supplier overviews, and areas related specifically to risk, environmental impacts, supplier performance, and sustainability.

For a full explanation of the data points available in the EcoVadis REST API, see [this document](#).

Testing the API

While the production API has the capacity to handle 100 requests at once, the same is not true for sandbox accounts. We recommend sending requests one-at-a-time while testing. Please contact integration@ecovadis.com with further questions.

General Data Display Guidelines

When integrating EcoVadis data into a system, it is important to keep in mind that our sustainability ratings are most useful when up-to-date. Therefore, the publication & expiry dates must always be visible to guide users on the age of any data presented. It is acceptable, if space is limited, to show only the publication year.

For space constraints, EcoVadis allows for two different ways of displaying publication date. How it is displayed should be consistent for all suppliers in a given view, but can change for different views. Publication dates and Expiry dates can either be displayed as a year (YYYY) or a full date (YYYY-MM-DD).

Enabling manual addition of integration IDs

There are some cases in which customers may add an integration ID on the EV platform instead of by using the EV Request call via API. This could happen if a supplier or partner voluntarily gets a rating and shares their scorecard with the customer, instead of the customer requesting it, for example. Connectors should be configured so integration IDs added via API and/or via the EcoVadis platform (“manually”) are supported.

Labels and Column Headers

Overall, when displaying EcoVadis information in a table, the column header should be labeled “EcoVadis Rating” or, if there is a space issue “EcoVadis”. The score type shown should be clearly labeled as the “EcoVadis Score” if EV is not clearly mentioned nearby, or “Overall Score” if it is labeled with EcoVadis. Theme scores should be displayed by their category, as “Environment Score” etc or, if clear in context, just by theme name (eg. “Environment” “Labor & Human Rights” “Ethics” and “Sustainable Procurement”). If additional text explaining EcoVadis ratings or medals would fit in the design, it should be one of the infotext/explanations below.

When displaying EcoVadis information in a panel, the panel title should be “Sustainability - EcoVadis Rating” or “Sustainability: EcoVadis Rating,” whichever punctuation works best in the particular interface.

Status display

The EcoVadis API sends a variety of different statuses, but we don’t recommend that partners display or use every single one. They are provided to cover a variety of specific needs. We recommend using statuses to determine which use case applies to a given supplier, and therefore what information to display in the UI.

Why are statuses important?

EcoVadis allows suppliers to accept or reject sharing requests of existing scorecards, and to complete or decline to complete our assessment in the first place. Therefore, it’s very useful for buyers to understand where their supplier is in the assessment process, and if there has been an issue.

Score display

The EcoVadis score and the four Theme Scores are generally considered the most basic information that should be displayed for each rated company. They range from 0-100.

- The scores should be displayed as numbers, not percentages or fractions
- If colors or ranges are to be used, they should be based on these colors and ranges, which are the EcoVadis standard:

SUSTAINABILITY PERFORMANCE		LIKELY OUTCOME	
Best in Class ↑ ↓ Increasing Risk	85-100	OUTSTANDING	High Opportunity <ul style="list-style-type: none"> • Structured and proactive sustainability approach • Policies and tangible actions on major issues with detailed implementation information • Comprehensive sustainability reporting on actions & performance indicators • Innovative practices and external recognition
	65-84	ADVANCED	Medium Opportunity <ul style="list-style-type: none"> • Structured and proactive sustainability approach • Policies and tangible actions on major issues with detailed implementation information • Significant sustainability reporting on actions & performance indicators
	45-64	GOOD	Engaged <ul style="list-style-type: none"> • Structured and proactive sustainability approach • Policies and tangible actions on major issues • Basic reporting on actions or performance indicators
	25-44	PARTIAL	Medium Risk <ul style="list-style-type: none"> • Minimum structured sustainability approach • Few policies or tangible actions on selected issues (reactive)
	0-24	INSUFFICIENT	High Risk <ul style="list-style-type: none"> • No policies or tangible actions regarding sustainability • Evidence in certain cases of misconduct (e.g., pollution, corruption)

Sending suppliers to be rated: Data needs

Mandatory Fields

Elements highlighted in yellow are recommended to be shown in the UI for the client to fill in/confirm. These are most often presented as a form to fill out once the buyer clicks "request rating," or in place of score information in a panel.

Element	Type	Mandatory	Description
integration_id	Text	Yes	The integration ID to match the company in both systems
Client_supplier_name	Text	Yes	Legal entity to be assessed
parent_company	Text	No	Parent company (if applicable)
Client_procurement_category	Text	No	Procurement category/material group of the company in the Client System

tax_number	Text	No	Company Tax ID
vat_number	Text	No	Company VAT number
brn_number	Text	No	Company business registration number
duns_number	Integer	No	DUNS: Dun & Bradstreet (D&B) company number
website	Text	No	Company's website URL
turnover	Integer	No	Company turnover/revenue (in USD). Should be an integer greater than or equal to 0
number_employees	Integer	No	Number of company employees. Should be an integer greater than 0
address	Text	No	Company address
city	Text	No	Company city
zip_code	Text	No	Company postal code
country	Text	Yes	Company country (in English). Enter a valid country name from the following list: Afghanistan, Albania, Algeria, Andorra, Angola, Argentina, Armenia, Australia, Austria, Azerbaijan, Bahamas, Bahrain, Bangladesh, Barbados, Belarus, Belgium, Belize, Benin, Bhutan, Bolivia, Bosnia And Herzegovina, Botswana, Brazil, Brunei, Bulgaria, Burkina Faso, Burundi, Cambodia, Cameroon, Canada, Cape Verde, Central African Republic, Chad, Chile, China, Colombia, Comoros, Costa Rica, Côte d'Ivoire, Croatia, Cuba, Cyprus, Czech Republic, Democratic Republic of the Congo, Denmark, Djibouti, Dominican Republic, Ecuador, Egypt, El Salvador, Equatorial Guinea, Eritrea, Estonia, Ethiopia, Fiji, Finland, France, Gabon, Gambia, Georgia, Germany, Ghana, Greece, Guatemala, Guinea, Guinea-Bissau, Guyana, Haiti, Honduras, Hong Kong, Hungary, Iceland, India, Indonesia, Iran, Iraq, Ireland, Israel, Italy, Jamaica, Japan, Jordan, Kazakhstan, Kenya, Kosovo, Kuwait, Kyrgyzstan, Laos, Latvia, Lebanon, Lesotho, Liberia, Libyan Arab Jamahiriya, Liechtenstein, Lithuania, Luxembourg, Macedonia, Madagascar, Malawi, Malaysia, Maldives, Mali, Malta, Mauritania, Mauritius, Mexico, Moldova, Monaco, Mongolia, Montenegro, Morocco, Mozambique, Myanmar, Namibia, Nepal, Netherlands, New Zealand, Nicaragua, Niger, Nigeria, North Korea, Norway, Oman, Pakistan, Panama, Papua New Guinea, Paraguay, Peru, Philippines, Poland, Portugal, Qatar, Republic of the Congo, Republic of the Sudan, Romania, Russian Federation, Rwanda, San Marino, Saudi Arabia, Senegal, Serbia, Seychelles, Sierra Leone, Singapore, Slovakia, Slovenia, Somalia, South Africa, South Korea, South Sudan, Spain, Sri Lanka, Sudan, Suriname, Swaziland, Sweden, Switzerland, Syria, Taiwan, Tajikistan, Tanzania, Thailand, Timor-Leste, Togo, Trinidad And Tobago, Tunisia, Turkey, Turkmenistan, Uganda, Ukraine, United Arab Emirates, United Kingdom, United States of America, Uruguay, Uzbekistan, Venezuela, Vietnam, Yemen, Zambia, Zimbabwe
supplier_contact_title	Text	No	Primary contact title (e.g., Mr., Mrs., Ms. or Dr.)
supplier_contact_first_name	Text	Yes	Primary contact first name
supplier_contact_last_name	Text	Yes	Primary contact last name
supplier_contact_function	Text	No	Primary contact position

supplier_contact_email	Text	Yes	Primary contact email (any valid email format)
supplier_contact_phone	Text	Yes	Primary contact phone (recommendation to follow standard of International Telecommunications Union E.123 e.g., +33 182 838 625)
cf_1_code	Text	No	Tag 1 code (if used in the EcoVadis platform). If entry doesn't exist, the companies will be added to "Un-matched" tag.
cf_2_code	Text	No	Tag 2 code (if used in the EcoVadis platform). If entry doesn't exist, the companies will be added to "Un-matched" tag.
buyer_contact_title	Text	No	Requesting contact title (e.g., Mr., Mrs., Ms. or Dr.)
buyer_contact_first_name	Text	Yes	Requesting contact first name
buyer_contact_last_name	Text	Yes	Requesting contact last name
buyer_contact_email	Text (email)	Yes	Requesting contact email (valid email format)
buyer_phone	Text	No	Requesting contact phone (recommendation to follow standard of International Telecommunications Union E.123, e.g., +33 182 838 625)
campaign_type	Text	Yes	If STD long standard assessment process (12-14 weeks). If RFP short assessment process (Request For Proposal, 4-6 weeks) NOTE: The Client needs to enter the correct value here (STD or RFP) or the request will not be processed and an error code 400 will be returned.
vi_code	Text	No (should be entered in case of a sector initiative request)	Sector initiative code (one possible code per assessment or assessment-sharing request) if applicable. The company will be invited with sharing settings in place for the sector initiative. NOTE: The Client needs to enter a correct sector initiative code where they have authentication rights, otherwise the request will not be processed and an error code 400 will be returned.
evid	Text	No	EVID - company's unique ID in the EcoVadis database

Data freshness guidelines

Some integration partners manage supplier contact information, and the above form can be pre-filled if this is the case. In general, if this information is provided by the supplier themselves, and/or updated frequently, then EcoVadis considers the data fresh and reliable; it does not need to be updated by the customer. Sourcing tools and others that don't involve suppliers updating their own data should require the buyer to enter or approve the data.

Additional Context & Infotext

EcoVadis and our ratings can be further contextualized for panel display using the below text.

EcoVadis in general

EcoVadis is the world's most trusted provider of business sustainability ratings – and a strategic partner for companies that recognize the power of sustainability to protect their brands, accelerate growth and strengthen customer loyalty and investor confidence.

EcoVadis Medals

This company has an EcoVadis Rating, which measures the quality of a company's sustainability management system through its policies, actions, and results. In recognition of their achievement, this company has been awarded an EcoVadis Medal.

EcoVadis Ratings

The EcoVadis Rating measures the quality of a company's sustainability management system through its policies, actions, and results.

Specific Rating elements

Field name	Infotext/tooltip/description
Overall Sustainability Score	The EcoVadis Rating measures the quality of a company's sustainability management system through its policies, actions, and results.
Environment Score	One of four themes covered by the EcoVadis Rating. This theme takes into account both operational factors (e.g. energy consumption, waste management) and product stewardship (e.g. product end of life, consumer health and safety issues).
Labor & Human Rights Score	One of four themes covered by the EcoVadis Rating. This theme takes into account both internal human resources (e.g. health and safety, working conditions, career management) and human rights issues (e.g. discrimination and/or harassment, child labor).
Ethics Score	One of four themes covered by the EcoVadis Rating. This theme focuses primarily on corruption and bribery issues, and also takes into account anti-competitive practices and responsible information management.
Sustainable Procurement Score	One of four themes covered by the EcoVadis Rating. This theme focuses on both social and environmental issues within the company supply chain.

What is an EcoVadis Rating

EcoVadis is the world's leading Business Sustainability ratings provider.

The EcoVadis Rating covers a broad range of non-financial management systems including Environmental, Labor & Human Rights, Ethics and Sustainable Procurement impacts. Each company is assessed on the material issues that pertain to their company's size, location and industry.

APPENDIX E:

How to interpret Trend Icons:

Current Image URL's	Short description	Color Code	Color #	EV Score	Meaning	Applied to
https://resources.ecovadis-survey.com/integrationapi/images/palito_5.gif	High Opportunity- first evaluation		#336600	85 - 100	Result of the first evaluation	Global Score and Thematic Score
https://resources.ecovadis-survey.com/integrationapi/images/tn.gif	High Opportunity - stable		#336601	85 - 100	Result of current evaluation compared to previous	Total Score
https://resources.ecovadis-survey.com/integrationapi/images/tb.gif	High Opportunity - downgraded		#336601	85 - 100	Result of current evaluation compared to previous	Total Score
https://resources.ecovadis-survey.com/integrationapi/images/th.gif	High Opportunity - upgraded		#336601	85 - 100	Result of current evaluation compared to previous	Total Score
https://resources.ecovadis-survey.com/integrationapi/images/A-A.gif	High Opportunity - stable		#336601	85 - 100	Result of current evaluation compared to previous	Thematic Score
https://resources.ecovadis-survey.com/integrationapi/images/A-B.gif	High Opportunity -		#336601	85 - 100	Result of current evaluation compared to	Thematic Score

	downgraded				previous	
https://resources.ecovadis-survey.com/integrationapi/images/A-plus.gif	High Opportunity - upgraded		#336601	85 - 100	Result of current evaluation compared to previous	Thematic Score
https://resources.ecovadis-survey.com/integrationapi/images/palito_4.gif	Medium Opportunity - first evaluation		#339900	65 - 84	Result of the first evaluation	Global Score and Thematic Score
https://resources.ecovadis-survey.com/integrationapi/images/vn.gif	Medium Opportunity - stable		#339900	65 - 84	Result of current evaluation compared to previous	Total Score
https://resources.ecovadis-survey.com/integrationapi/images/vb.gif	Medium Opportunity - downgraded		#339900	65 - 84	Result of current evaluation compared to previous	Total Score
https://resources.ecovadis-survey.com/integrationapi/images/vh.gif	Medium Opportunity - upgraded		#339900	65 - 84	Result of current evaluation compared to previous	Total Score
https://resources.ecovadis-survey.com/integrationapi/images/B-A.gif	Medium Opportunity - stable		#339900	65 - 84	Result of current evaluation compared to previous	Thematic Score
https://resources.ecovadis-survey.com/integrationapi/images/B-C.gif	Medium Opportunity - downgraded		#339900	65 - 84	Result of current evaluation compared to previous	Thematic Score
https://resources.ecovadis-survey.com/integrationapi/images/B-B.gif	Medium Opportunity - stable		#339900	65 - 84	Result of current evaluation compared to previous	Thematic Score
https://resources.ecovadis-survey.com/integrationapi/images/palito_3.gif	Engaged - first evaluation		#c2ea00	45 - 64	Result of the first evaluation	Global Score and Thematic Score
https://resources.ecovadis-survey.com/integrationapi/images/jn.gif	Engaged - stable		#c2ea00	42 - 64	Result of current evaluation compared to	Total Score

					previous	
https://resources.ecovadis-survey.com/integrationapi/images/jb.gif	Engaged - downgraded		#c2ea00	43 - 64	Result of current evaluation compared to previous	Total Score
https://resources.ecovadis-survey.com/integrationapi/images/jh.gif	Engaged - upgraded		#c2ea00	44 - 64	Result of current evaluation compared to previous	Total Score
https://resources.ecovadis-survey.com/integrationapi/images/C-C.gif	Engaged - stable		#c2ea00	45 - 64	Result of current evaluation compared to previous	Thematic Score
https://resources.ecovadis-survey.com/integrationapi/images/C-B.gif	Engaged - downgraded		#c2ea00	45 - 64	Result of current evaluation compared to previous	Thematic Score
https://resources.ecovadis-survey.com/integrationapi/images/C-D.gif	Engaged - upgraded		#c2ea00	45 - 64	Result of current evaluation compared to previous	Thematic Score
https://resources.ecovadis-survey.com/integrationapi/images/palito_2.gif	Medium Risk - first evaluation		#ff6600	25 - 44	Result of the first evaluation	Global Score and Thematic Score
https://resources.ecovadis-survey.com/integrationapi/images/on.gif	Medium Risk - stable		#ff6600	22 - 44	Result of current evaluation compared to previous	Total Score
https://resources.ecovadis-survey.com/integrationapi/images/ob.gif	Medium Risk - downgraded		#ff6600	23 - 44	Result of current evaluation compared to previous	Total Score
https://resources.ecovadis-survey.com/integrationapi/images/oh.gif	Medium Risk - upgraded		#ff6600	24 - 44	Result of current evaluation compared to previous	Total Score
https://resources.ecovadis-survey.com/integrationapi/images/D-D.gif	Medium Risk - stable		#ff6600	25 - 44	Result of current evaluation compared to	Thematic Score

					previous	
https://resources.ecovadis-survey.com/integrationapi/images/D-E.gif	Medium Risk - downgraded		#ff6600	25 - 44	Result of current evaluation compared to previous	Thematic Score
https://resources.ecovadis-survey.com/integrationapi/images/D-C.gif	Medium Risk - upgraded		#ff6600	25 - 44	Result of current evaluation compared to previous	Thematic Score
https://resources.ecovadis-survey.com/integrationapi/images/palito_1.gif	High Risk - first evaluation		#ff0000	0 - 24	Result of the first evaluation	Global Score and Thematic Score
https://resources.ecovadis-survey.com/integrationapi/images/rn.gif	High Risk - stable		#ff0000	3 - 24	Result of current evaluation compared to previous	Total Score
https://resources.ecovadis-survey.com/integrationapi/images/rb.gif	High Risk - downgraded		#ff0000	2 - 24	Result of current evaluation compared to previous	Total Score
https://resources.ecovadis-survey.com/integrationapi/images/rh.gif	High Risk - upgraded		#ff0000	1 - 24	Result of current evaluation compared to previous	Total Score
https://resources.ecovadis-survey.com/integrationapi/images/E-E.gif	High Risk - stable		#ff0000	0 - 24	Result of current evaluation compared to previous	Thematic Score
https://resources.ecovadis-survey.com/integrationapi/images/E-.gif	High Risk - downgraded		#ff0000	0 - 24	Result of current evaluation compared to previous	Thematic Score
https://resources.ecovadis-survey.com/integrationapi/images/E-D.gif	High Risk - upgraded		#ff0000	0 - 24	Result of current evaluation compared to previous	Thematic Score

APPENDIX F:

Mapping of Enterprise API fields to the EV10 Export

API_FIELD	EXPORT_FIELD
ev_id	EVID
client_supplier_name	Invited company name
ev_supplier_name	Legal entity name
current_stage	Current stage
stage_status	Stage status
request_outcome	Request outcome
sharing_status	Sharing status
country	Country/Territory
global_score	Overall score
published_date	Latest scorecard publication date
env_score	Environment score
lab_score	Labor & Human Rights score
fbp_score	Ethics score
sup_score	Sustainable Procurement score
expired	Scorecard validity

declined_date	Declined date
campaign_name	Campaign name
parent_company	Parent company name
isic_category	Industry
integration_ids	Integration ID
active	Activation status
address_1	Address 1
address_2	Address 2
city	City
size	Company size
nb_flags	Number of flags
deadline	Request deadline
buyer_contact_email	Requesting contact email
buyer_contact_first_name	Requesting contact name

APPENDIX G:

Enterprise API Sandbox How does it work?

General description of sandbox

Ecovadis Enterprise API Sandbox is working in a specific way - which is not present in the PRODUCTION environment. To speed up the whole testing in Sandbox there are some simplification rules being applied when handling EVRequest call.

At the beginning each user account is being created with an initial set of suppliers. Sales Client Demo account is being used as a template. Each sandbox account starts with around 48 different suppliers in different levels of relationship between Customer and Supplier and are available through EVData call. There are some companies who have been scored, and some which declined and some still under the process of analysis.

Testing EVRequest

EVRequest Enterprise API call is intended to be used in following scenarios:

- to send new suppliers for assessment
- to push suppliers to be reassessed (this operation will be initialized when EVRequest will be registered on a first day of expiration of the scorecard (when field "expired" will be set to `true`))

EVRequest method should be not used for mapping purposes, as when a supplier has an expired scorecard - system will trigger reassessment process - which is not always intended by the Buyers, as some of them wants to keep suppliers with which Company was cooperating before but without asking them to be reassessed.

Sandbox allows User to test all the validations and when they are fulfilled the request is being registered.

Sandbox environment has below specific limitations / features:

- When the system is receiving any validated request in an EVRequest call, during processing it randomly selects one of the already existing suppliers from the initial set.
- mechanism does not apply any logic - it's just handling each request in the same manner.

- there is no checking of duplicates, so when two exact same calls will be sent Sandbox, in EVData response set there will be 2 different records added
- there is no control if the assigned record will be processed as a scored company or declined one.
- there is no automatic option to change the state of supplier as it would be reflected in PROD system
- Links generated for integration scorecards may be created to a different company (system is using those generated to the initial set of suppliers)

Despite those limitations there is a possibility to organize a call with integration team member who will be able to prepare following scenarios:

- Revert any received request company to any state needed
- Modify any automatically assigned company result to expected by the Customer
- Manage possibility to simulate the whole assessment process from very beginning as EV would receive, a fresh company never existing in the EV Database through registration, questionnaire, and other assessment process steps.

All those operations are being recommended to happen during a live session - as from our experience it's the most efficient and most flexible approach - giving the widest variety of cases to be tested.

Sandbox is intended to test the validity of API Schema and proper mapping of fields.

Testing EVData method best practices (listed scenarios for mainly used methods EVRequest and EVData covering 80% of most commonly required features of API)

If readers of this document are interested in testing other methods please do not hesitate to contact integration@ecovadis.com for further information.

To ensure best coverage of quality of implementation of connector between EV and external system following scenarios are being recommended to be conducted:

Testing UPSTREAM EVRequest method:

- Send at least one proper EVRequest call fulfilling all validations
- Send at least one improper EVRequest to check if validations are working properly (recommended one call testing each validation)

Testing DOWNSTREAM EVData method:

- Perform EVData call to fetch all suppliers
- Perform EVData call with pagination parameters (change page size and page numbers accordingly to current number of suppliers available in EV)

- Perform EVData call with filtering based on IntegrationID
- Perform EVData call with filtering based on multiple IntegrationID's (system returns only those records which are enriched with provided IntegrationID in the filter)
- Perform EVData call with filtering based on EVID
- Test at least one supplier who was a subject to scope change
- Ask to perform modifications on given suppliers sent to EV in EVRequest call to be modified to have specific amount of values in the score (depending on the thresholds used in Customer External applications, for example one supplier having low score (below 30), one from range (31 to 50), one from range from (51 to 70), one above 71
- Ask to organize a call with Integration team and simulate every mile steps of assessment (through registration, questionnaire, doc collection, analysis, publication of score) ending with:
 - Successful score sharing
 - Decline to participate in assessment
- Perform EVData call for a supplier who is in progress and in each selected major steps of assessment (detailed list may be found in chapter [HOW TO Understand EV Progress Statuses](#))

Scope change process reflection:

The EV Assessment process allows Suppliers to change the scope to a different legal entity from Group structure. Such operation is being reflected in the API data set being returned starting from API 2.1.

When such situation occurs following data are present in EVData result:

Field "scope_change" has a value "true" and below the fields starting with target_ prefix contain the main information about the target company

For example:

```
"target_company_name": "DUMMY SUPPLIER 15",
"target_company_country": "France",
"target_company_EVID": "OA044804",
"target_progress_status": "Not under assessment",
"target_progress_status_ID": 16,
```

```

"target_current_stage": "Not under assessment",
"target_current_stage_ID": 6,
"target_request_outcome": "Scorecard published",
"target_request_outcome_ID": 1,
"target_sharing_status": "Accepted",
"target_sharing_status_ID": 2,
"target_global_score": 68,
"target_env_score": 70,
"target_lab_score": 70,
"target_fbp_score": 60,
"target_sup_score": 60,
"target_published_date": "2022-07-20",
"target_scorecard_link":
https://integration.ecovadis-survey.com/?key=hgYFm5IwXFGKLk8k/P/ADOILbpw1P8FQMRUS6ExLknR1PwW8B4mQA9K5ONKGyG+saZlLh3yTgI7+lfC10TmcJg==

```

So the user doesn't need to generate additional calls to the system and it's able to fetch the data directly from EVData initial result.

Of course if User wants to receive same set of fields like from standard EVData result, there is a possibility to initialize additional EVData call with filtering on EVID which is being provided in the EVData response field `"target_company_EVID": "xx011000"`, using provided EVID as a parameter to a following call: `{{ecovadis_api_address}}/v2.1/EVData?f__evid__eq="xx011000"`. This call will return the standard set of information, as it would be initialized from the EVData call.

Additional example - when Scope change happens the initial company status is being set to declined, proper target_ fields are being updated with information related to the legal entity to which scope has been changed, and a new record is being added to the dataset being returned by EVData call. So in theory if Customer would have just one supplier in his network, and this would be the one and only supplier being sent to EV to perform the assessment he can end up with 2 records being returned from EVData call - the initial scope and the one to which the scope has been redirected to.