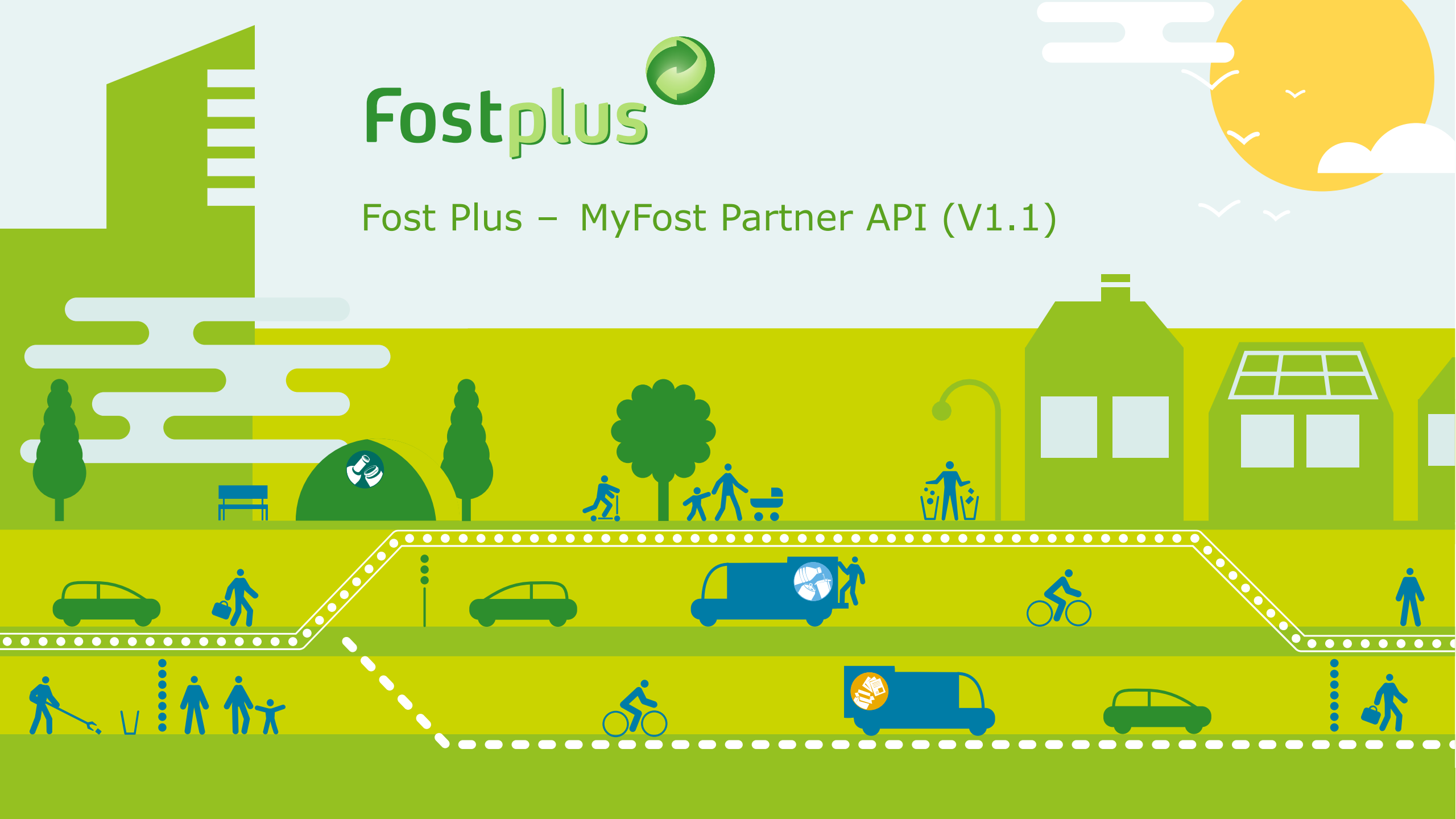


Fostplus

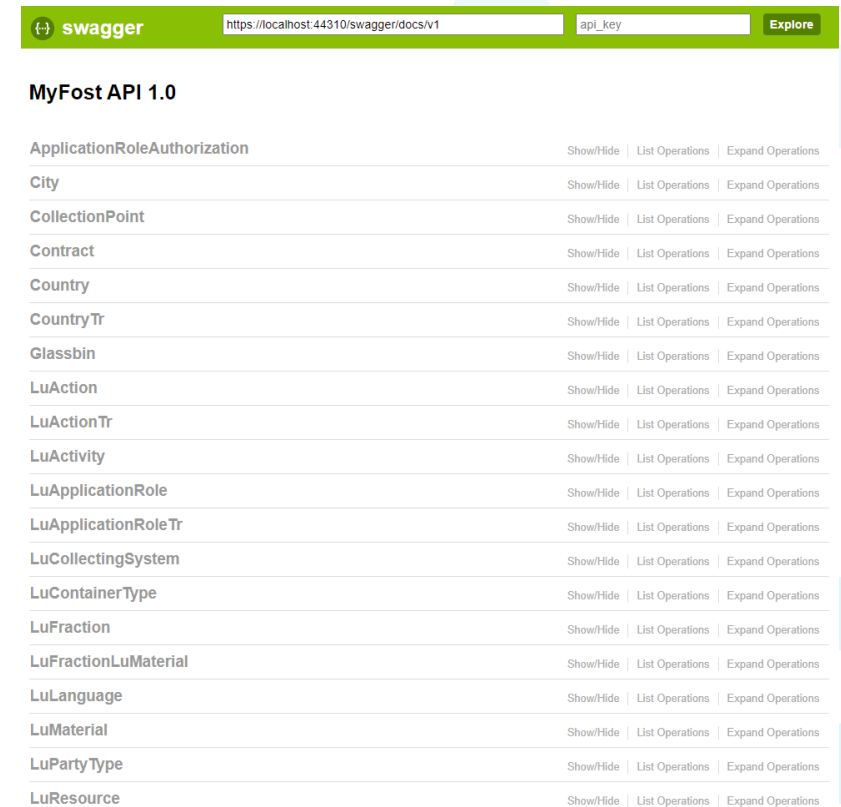
Fost Plus – MyFost Partner API (V1.1)



MyFost Partner API

- The Swagger documentation is a guide to the MyFost Partner API objects and methods. You can find the description of all available objects, attributes, methods and parameters.

<https://myfostpartnerapi.fostacc.be/swagger>



swagger [Explore](#)

MyFost API 1.0

| | |
|------------------------------|---|
| ApplicationRoleAuthorization | Show/Hide List Operations Expand Operations |
| City | Show/Hide List Operations Expand Operations |
| CollectionPoint | Show/Hide List Operations Expand Operations |
| Contract | Show/Hide List Operations Expand Operations |
| Country | Show/Hide List Operations Expand Operations |
| CountryTr | Show/Hide List Operations Expand Operations |
| Glassbin | Show/Hide List Operations Expand Operations |
| LuAction | Show/Hide List Operations Expand Operations |
| LuActionTr | Show/Hide List Operations Expand Operations |
| LuActivity | Show/Hide List Operations Expand Operations |
| LuApplicationRole | Show/Hide List Operations Expand Operations |
| LuApplicationRoleTr | Show/Hide List Operations Expand Operations |
| LuCollectingSystem | Show/Hide List Operations Expand Operations |
| LuContainerType | Show/Hide List Operations Expand Operations |
| LuFraction | Show/Hide List Operations Expand Operations |
| LuFractionLuMaterial | Show/Hide List Operations Expand Operations |
| LuLanguage | Show/Hide List Operations Expand Operations |
| LuMaterial | Show/Hide List Operations Expand Operations |
| LuPartyType | Show/Hide List Operations Expand Operations |
| LuResource | Show/Hide List Operations Expand Operations |

MyFost Partner API

- The MyFost Partner API Swagger provides
 - An overview of all available objects is listed
 - Each object has an overview of its methods
 - Each method has an example response value and request parameters to fill in for testing.

ApplicationRoleAuthorization [Show/Hide](#) | [List Operations](#) | [Expand Operations](#)

City [Show/Hide](#) | [List Operations](#) | [Expand Operations](#)

CollectionPoint [Show/Hide](#) | [List Operations](#) | [Expand Operations](#)

[GET](#) /olympus/avaldeclaration/collectionPoint

[GET](#) /olympus/avaldeclaration/collectionPoint/LuCollectionPointType

[GET](#) /olympus/avaldeclaration/collectionPoint/CollectionPointOpeningPeriods

Response Class (Status 200)
OK

Model | **Example Value**

```
{
  "CollectionPointOpeningPeriods": [
    {
      "Id": 0,
      "CollectionPointId": 0,
      "OpeningHourPeriodFromDay": 0,
      "OpeningHourPeriodFromMonth": 0,
      "OpeningHourPeriodUntilDay": 0,
      "OpeningHourPeriodUntilMonth": 0,
      "RowVersion": "string",
      "CollectionPointOpeningPeriodTest": f
```

Response Content Type [application/json](#)

Parameters

| Parameter | Value | Description | Parameter Type | Data Type |
|-----------------------|----------------------|-------------|----------------|-----------|
| skip | <input type="text"/> | | query | integer |
| take | <input type="text"/> | | query | integer |
| modifiedOnOrAfterDate | <input type="text"/> | | query | date-time |
| collectionPointId | <input type="text"/> | | query | integer |

[Try it out!](#)

MyFost Partner API

- The API is currently under heavy development and should be considered to change.
- You can test the API by using the user interface “try it out!” button.

| Parameters | | | | |
|-----------------------|----------------------|-------------|----------------|-----------|
| Parameter | Value | Description | Parameter Type | Data Type |
| skip | <input type="text"/> | | query | integer |
| take | <input type="text"/> | | query | integer |
| modifiedOnOrAfterDate | <input type="text"/> | | query | date-time |
| collectionPointId | <input type="text"/> | | query | integer |

[Try it out!](#)

How to connect? - Client Authentication

- We use Client Authentication instead of Basic Authentication to authenticate with IdentityServer, e.g.
 - Confidential applications (aka clients) requesting tokens at the token endpoint
 - APIs validating reference tokens at the introspection endpoints (aka clients) requesting tokens at the token endpoint
- Secret parsing and validation is an extensibility point in IdentityServer, out of the box it supports shared secrets as well as transmitting the shared secret via a Basic Authentication Header or the POST body.
- https://docs.identityserver.io/en/latest/topics/client_authentication.html

How to connect? - Client Authentication

Step overview:

1. Create ClientId and ClientSecret for your API user in MyFost
2. Create Client by requesting a token with ClientId and ClientSecret
3. Use token in HTTP Authentication header

Step 1: Create ClientId & ClientSecret

- Create ClientId and ClientSecret in the User Detail page of MyFost

The screenshot shows the 'MyFost' user management interface. At the top, there's a navigation bar with 'Startpagina' and 'Gebruikers' tabs, and a 'Help & FAQ' button. The user's name 'Stan Samyn' and a language dropdown are visible. The main section is titled 'Gebruiker' and contains the following details:

- Gebruikersnaam:** OzFac
- E-mail:** OzFac@OzIsThuis.nl
- Voornaam:** Oz
- Achternaam:** Fac
- Geslacht:** Man
- Taal:** Nederlands
- Actief:**
- Geactiveerd op:** 26.03.2020 13:58

Below the details are 'Terug' and 'Opslaan' buttons. The 'Toegang tot' section includes an information box and a table of access roles:

Geef hieronder eerst op tot welke gegevens de gebruiker toegang moet hebben. Dan kan je, per toegevoegde partner/lid, de rollen beheren. Doe dit voor alle toegevoegde partners/leden. Klik dan op 'Verstuur paswoord e-mail'. De gebruiker ontvangt dan een e-mail met een activatielink. De toegangen en de rechten kunnen later nog aangepast worden indien gewenst.

| Partner / Lid | Partijtype | + Partner / Lid toevoegen |
|--|------------|---------------------------|
| Partner The Oz Factory IAM Europe by | Partner | |
| The OZ Factory IAM BELGIUM | Lid | |
| The OZ Factory IAM BELGIUM 2 | Lid | |
| The OZ Factory IAM Europe | Lid | |

The 'Api client' section includes an information box and a '+ Aanmaken Api client' button:

Hieronder kan een clientId/clientSecret worden aangemaakt om toegang te krijgen tot de myFostAPI. Eens er een clientId is aangemaakt kan het clientSecret opnieuw worden gegenereerd. Het clientId en het clientSecret kunnen dan worden gekopieerd.


Step 1: Create ClientId & ClientSecret

- ClientId & ClientSecret are generated and shown
- Do not forget to copy the ClientSecret, because it is only displayed temporarily!
- You can always generate a new ClientSecret

Api client

ⓘ Hieronder kan een clientId/clientSecret worden aangemaakt om toegang te krijgen tot de myFostAPI. Eens er een clientId is aangemaakt kan het clientSecret opnieuw worden gegenereerd. Het clientId en het clientSecret kunnen dan worden gekopieerd.

+ Genereer nieuw clientSecret

ClientId party_client_b3476583803f418c8d9ef56c94ddf331 

Client secret hnAv7-UGPJD0Pxy7X0oYKvM4xe2BYrzArsfZAelkI2o 

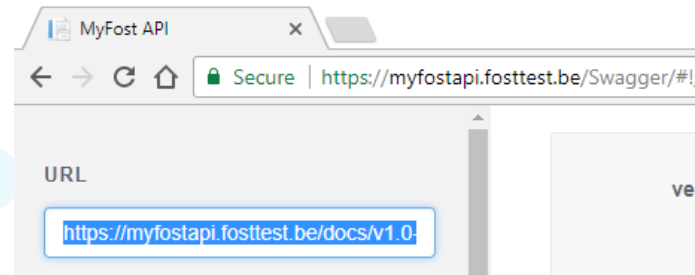
ⓘ Het clientSecret wordt slechts éénmaal getoond, vergeet niet om dit meteen te kopiëren!

Step 2: Create Client by requesting a token with ClientId and ClientSecret

- Read https://docs.identityserver.io/en/latest/quickstarts/1_client_credentials.html#calling-the-api
- Parameters
 - Address = **https://account.fostacc.be/connect/token**
 - ClientId (see previous steps)
 - ClientSecret (see previous steps)
 - Scope = **myfostapi**

OPEN API Specification

- The MyFost Partner API is a web based REST API, and is described according to the [Open API Specification](#) (OAS). This specification defines a standard, programming language-agnostic interface description for REST API's.
- You can download the OpenAPI Document from the URL shown in the upper left corner of the MyFost Partner API Explorer website



<https://myfostpartnerapi.fostacc.be/docs/v1.0/swagger>

Concepts – ID's

- MyFost Objects
 - **“Object Id”**: Every MyFost Object that can be created, updated or listed through the API has an id field that is used to refer to the object in other API calls.

```
{
  "weighingTicket": {
    "id": "string",
    "senderPartyId": 0,
    "receiverPartyId": 0,
    "isWeighingAtReceiverIn": true,
    "luFractionId": 0,
    "luMaterialId": 0,
    "transporterName": "string",
    "city": "string",
    "weighingTicketNumber": "string",
    ...
  }
}
```

Concepts – Foreign Keys

- MyFost Objects
 - **“Foreign Key Id”**: when a MyFost Object references another MyFost Object the attribute name ends with “Id”. This is a reference to another MyFost Object.

```
{
  "weighingTicket": {
    "id": "string",
    "senderPartyId": 0,
    "receiverPartyId": 0,
    "isWeighingAtReceiverIn": true,
    "luFractionId": 0,
    "luMaterialId": 0,
    "transporterName": "string",
    "city": "string",
    "weighingTicketNumber": "string",
    ...
  }
}
```

```
{
  "partners": [
    {
      "id": 21960,
      "partyNumber": "P00028",
      "name": "Renewi (MOESKROEN)",
      "shortName": "VGW MOESKR."
    }
  ]
}
```

Concepts – Lookup Objects

- MyFost Objects
 - “**Lookup Objects**”: Some MyFost Objects refer to other MyFost Objects. For example, a “**weighingTicket**” refers to a type of **Fraction** (PMD, glass, paper-cardboard).

These reference lists are called Lookup Objects and are always prefixed with the letters lu (referring to **lookup**). The MyFost objects for Fractions is **luFractions**. The attribute from weighingTicket referring to luMaterials is luMaterialId

```
"weighingTicket": {
  "id": "string",
  "senderPartyId": 0,
  "receiverPartyId": 0,
  "isWeighingAtReceiverIn": true,
  "luFractionId": 0,
  "luMaterialId": 0,
  "transporterName": "string",
  "city": "string",
  "weighingTicketNumber": "string",
  ...
}
```

```
"luFractions": [
  {
    "id": 0,
    "code": "string",
    "name": "string",
    "notValidBeforeDate": "2017-11-09",
    "notValidOnOrAfterDate": "2017-11-09"
  }
]
```

- When you want to create a delivery or weighing ticket, you need to supply some ID's associated with a specific material flow.
- For this reason, we supplied an overview of the material flows and their associated ID's in MyFost to use in the API requests.
- The overview can be found by clicking on "Parameters Material flows" in the API section of the dashboard of MyFost.
- See the next slides for an example on how to find and use the ID's in API requests.

Concepts - Finding ID's in MyFost

Fostplus MyFost

Startpagina

Planning [+ Levering](#) [+ Afhaling](#)

Bord leveringen en wegenen
Leveringen
Geplande afhalingen

Weegtickets [+ Weegticket](#)

Te verzenden weegtickets:
Openstaande correcties weegtickets
Te behandelen correcties: 0
Verzonden correcties: 0
Overzicht weegtickets

Leveringsbonnen

Te koppelen weegtickets: 1
Via bord
Te valideren leveringsbonnen: 0
Te verrijken leveringsbonnen: 2
Openstaande correcties leveringsbonnen
Te behandelen correcties: Coming soon
Verzonden correcties: Coming soon
Overzicht leveringsbonnen

Individuele wegenen glasbellen
Overzicht materiaalstromen

API

[Parameters materiaalstromen](#)
[MyFost API Explorer](#)

Fostplus MyFost

Startpagina [Instellingen](#)

Overzicht materiaalstromen

Datum: 30.06.2018 Project: Fractie:

Papier-Karton

| | |
|-------------------------------|-------------------------------|
| Renewi (MOL) | BONGAERTS RECYCLING |
| Renewi (MOL) | |
| Renewi (MOL) | |
| Renewi (MOL) | |
| INTERBRAND | RENEWI (Vivoorde) |
| INTERZA | RENEWI (Vivoorde) |
| INTERZA | |
| Cogefima Logistics | |
| Cogefima Logistics | Renewi (MOESKROEN) |
| Renewi NV (EVERGEM) | |
| Renewi NV (EVERGEM) | Renewi NV (EVERGEM) |
| Renewi (BRUGGE) | SUEZ RAR BE NORTH |
| INCOVO | VLAR PAPER (GENT) |
| INCOVO | |
| SUEZ RAR BE NORTH GENT | |
| SUEZ RAR BE NORTH GENT | |
| SUEZ RAR BE NORTH GENT | |
| SUEZ RAR BE NORTH GENT | VAN GANSEWINKEL NV/SA (RONSE) |
| VAN GANSEWINKEL NV/SA (RONSE) | |

Fostplus MyFost

Startpagina [Instellingen](#)

Materiaalflow

| Delivery | | Receiver | | | | | | | |
|------------------------------|---|------------------------|-----------------------------|------------------|------------------------------|-----------------------|---------------|--|--|
| senderContractLineId | 1359 | receiverContractLineId | 1091 | | | | | | |
| senderPartyId | 21903 (Renewi (MOL)) | receiverPartyId | 21881 (BONGAERTS RECYCLING) | | | | | | |
| senderLuActivityId | 4 (Ophaling) | receiverLuActivityId | 12 (Verwerken) | | | | | | |
| senderLuFractieId | 3 (Papier-Karton) | receiverLuMaterialId | 15 (Bout Papier-Karton) | | | | | | |
| senderLuCollectingSystemId | 1 (Containerpark) | | | | | | | | |
| isCollectingByDay | true | | | | | | | | |
| isCollectingInTheEvening | false | | | | | | | | |
| isCollectingAtNight | false | | | | | | | | |
| isTouristic | false | | | | | | | | |
| isAssociation | false | | | | | | | | |
| deliveryPostalCodes | <table border="1"><tr><th>postalCodeId</th></tr><tr><td>26582 (Diest)</td></tr><tr><td>26613 (Zonhoven)</td></tr><tr><td>26614 (Houthalen-Helchteren)</td></tr><tr><td>26615 (Herik-De-Stad)</td></tr><tr><td>26616 (Halen)</td></tr></table> | postalCodeId | 26582 (Diest) | 26613 (Zonhoven) | 26614 (Houthalen-Helchteren) | 26615 (Herik-De-Stad) | 26616 (Halen) | | |
| postalCodeId | | | | | | | | | |
| 26582 (Diest) | | | | | | | | | |
| 26613 (Zonhoven) | | | | | | | | | |
| 26614 (Houthalen-Helchteren) | | | | | | | | | |
| 26615 (Herik-De-Stad) | | | | | | | | | |
| 26616 (Halen) | | | | | | | | | |

Concepts – Finding ID's in MyFost

Materialflow

Weighingticket

Sender

| | | |
|-----------------------------------|-------|---------|
| senderContractLineId ⓘ | 1219 | |
| senderPartyId ⓘ | 21482 | (MIROM) |
| luFractionId ⓘ | 1 | (Glas) |

Receiver

| | | |
|-------------------------------------|-------|---------------------------|
| receiverContractLineId ⓘ | 963 | |
| receiverPartyId ⓘ | 21327 | (VANHEEDE EL (Roeselare)) |
| luMaterialId ⓘ | 9 | (Wit Glas) |
| isWeighingAtReceiverIn ⓘ | true | |

Terug

Fost Plus - MyFost

```

{
  "weighingTicket": {
    "id": "string",
    "senderPartyId": 0,
    "receiverPartyId": 0,
    "isWeighingAtReceiverIn": true,
    "luFractionId": 0,
    "luMaterialId": 0,
    "transporterName": "string",
    "city": "string",
    "weighingTicketNumber": "string",
    "tripNumber": "string",
    "licencePlate": "string",
    "weighDateTime": "2018-07-31T12:53:24.952Z",
    "firstWeighing": 0,
    "secondWeighing": 0,
    "balesQuantity": 0,
    "remarks": "string",
    "rowVersion": "string"
  },
  "validateWeighingTicket": true
}
    
```

Concepts - Lists

- **Lists:** every API call that returns a list provides 2 parameters skip and take to be able to page the result and returns an an object containing an "array" and an attribute "totalCount" which contains the number of items returned in the array.

<https://myfostpartnerapi.fostacc.be/api/v1.0-Alpha/countries?skip=0&take=100>

```
{
  "countries": [
    {
      "id": 314,
      "code": "AT",
      "name": "OOSTENRIJK"
    },
    {
      "id": 324,
      "code": "AU",
      "name": "AUSTRALIA"
    },
    {
      "id": 309,
      "code": "BE",
      "name": "BELGIE"
    },
    ...
    {
      "id": 335,
      "code": "ZA",
      "name": "ZUID AFRIKA"
    }
  ],
  "totalCount": 42
}
```

- [/api/LuFractionLuMaterials](#) lists all possible combinations between fractions and materials.
- When posting an update for an object, you must use the rowVersion attribute. To get the correct rowversion, you can use the Get a “Object” action.

Concepts – POST return values

- After posting a new object the API returns the object with Id.

Create or update a weighingTicket **POST**

REQUEST URL

```
https://myfostapi.testplus.local/api/v1.0-Alpha/weighingTickets
```

RESPONSE BODY

```
{
  "weighingTicket": {
    "id": "22c086a0-e3cf-459f-8a95-a82d009c708e",
    "luWeighingTicketStatusId": 1,
    "senderPartyId": 21482,
    "receiverPartyId": 21327,
    "isWeighingAtReceiverIn": true,
    "luFractionId": 1,
    "luMaterialId": 5,
    "transporterName": "transporteur ter info",
    "city": "",
    "weighingTicketNumber": "1",
    "projectId": null,
    "tripNumber": "DF74E1E4-8858-40E6-BAA3-DFD769B3F541",
    "licencePlate": "1-LTF 334",
    "weighDateTime": "2017-10-18T12:45:22",
    "collectingDate": "2017-10-18T00:00:00",
    "firstWeighing": 10000,
    "secondWeighing": 8000,
    "netto": 2000,
    "remarks": "",
    "rowVersion": "AAAAAAIoIoE="
  },
  "validationErrors": null
}
```

RESPONSE CODE

```
200
```

Concepts – POST return values

- If there is a problem with the posted object you'll receive a response (400) and message which one or more validation errors.

REQUEST URL

```
https://myfostapi.testplus.local/api/v1.0-Alpha/weighingTickets
```

RESPONSE BODY

```
{
  "message": "The request is invalid",
  "validationErrors": [
    {
      "errorMessage": "License plate should not be empty.",
      "propertyName": "weighingTicket.licencePlate"
    }
  ]
}
```

RESPONSE CODE

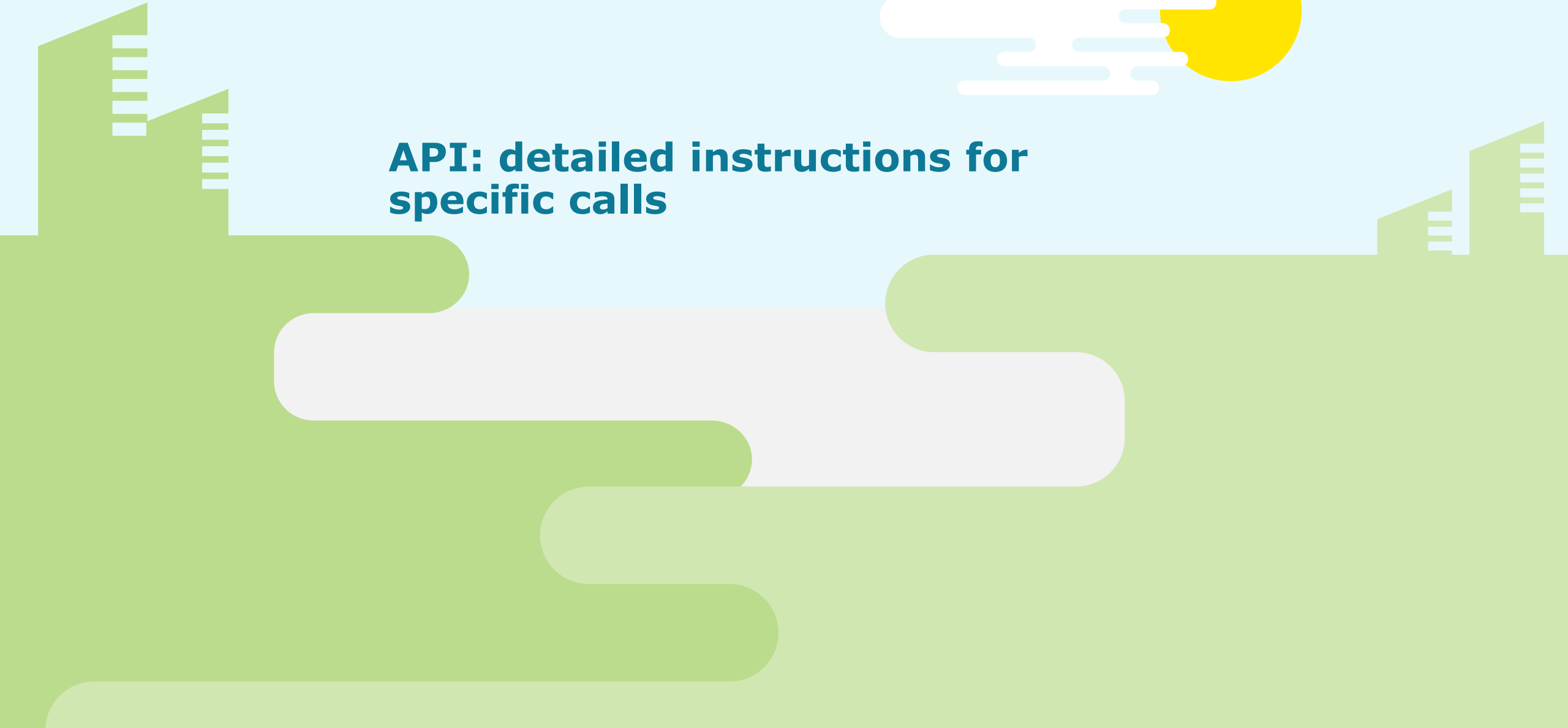
```
400
```

Samples

- In the next slides, we provide detailed information about which data to supply for some important API calls
- Samples of these API calls can be found in the “samples.zip” file
- These samples are fictional and for demonstration purposes. Look in MyFost (see previous slides) for the correct ID's



API: detailed instructions for specific calls



Create or update a weighingTicket

- An important POST method we provide in the MyFost Partner API is for the weighingTicket object
- In the next slides we'll provide details of the data you need to provide

WeighingTicket Request

| Attribute | Type | Description |
|------------------------|---------|---|
| weighingTicket | Object | The weighingTicket (see next slide) |
| validateWeighingTicket | Boolean | validate the weighing ticket ? This makes the weighing ticket available for the other partner (senderPartyId/receiverPartyId depending on the weighingTicket attribute isWeighingAtReceiverIn) Yes = true, No = false Every night all weighingTickets are auto validated. |

The weighingTicket object

| Attribute | Type | Description |
|------------------------|----------|--|
| senderPartyId | Number | The partner/party id of the sender you can find these in the list /api/v1.0-Alpha/parties/myPartners |
| receiverPartyId | Number | The partner/party id of the receiver you can find these in the list /api/v1.0-Alpha/parties/myPartners |
| isWeighingAtReceiverIn | Boolean | Is the freight weighed in or out ? In = true, Out = false |
| luFractionId | Number | The fraction Id from the lookup list /api/v1.0-Alpha/luFractions |
| luMaterialId | Number | The material Id from the lookup list /api/v1.0-Alpha/luMaterials |
| transporterName | String | Optional name of the transporter, empty string if not available |
| city | String | Optional name of the city or cities where the freight was collected |
| weighingTicketNumber | String | A unique reference to the weighbridge weighing |
| tripNumber | String | Optional unique reference for a delivery, usually used by the sender to connect the weighingTicket to a planned delivery |
| licencePlate | String | Licence plate number of the weighed truck |
| weighDateTime | DateTime | Date and time of the weighing (first weighing) formatted as 2017-10-29T09:55:34 |
| firstWeighing | Number | Weight of the first weighing in kilograms |
| secondWeighing | Number | Weight of the second weighing in kilograms |
| balesQuantity | Number | Optional amount of bales |
| remarks | String | Optional remarks, empty string if not available |

Create a Deliver

- Another important POST method we provide in the MyFost Partner API is for the delivery object
- In the next slides we'll provide details of the data you need to provide

Delivery Request

| Attribute | Type | Description |
|-----------|--------|-------------------------------|
| delivery | Object | The delivery (see next slide) |

The delivery object

| Attribute | Type | Description |
|---|------------------|---|
| collectingDate | DateTime | Provide the collecting Date formatted as 2017-10-29 or 2017-10-29T09:55:34 |
| senderPartyId | Number | The partner/party id of the sender you can find these in the list /api/v1.0-Alpha/partners |
| receiverPartyId | Number | The partner/party id of the receiver you can find these in the list /api/v1.0-Alpha/partners |
| senderLuActivityId | Number | The activity Id of the sender (lookup list /api/v1.0-Alpha/luActivities) |
| senderLuFractionId | Number | The fraction Id of the sender (lookup list /api/v1.0-Alpha/luFractions) |
| receiverLuMaterialId | Number | The material Id of the receiver (lookup list /api/v1.0-Alpha/luMaterials) |
| deliveryProjects | Array of Object | The projects of the delivery (see next slides) |
| senderLuCollectingSystemId | Number | The collectingsystem Id of the sender (lookup list /api/v1.0-Alpha/luCollectingSystems) |
| deliveryPostalCodes | Array of objects | The postal codes of the delivery (see next slides) |
| senderContractLineContainers | Array of objects | The containers of the sender (see next slides) |
| IsCollectingByDay, IsCollectingAtNight and IsCollectingIntheEvening | Boolean | Time indication of collection (only 1 true) |
| isTouristic | Boolean | Is the collection touristic? |
| isAssociation | Boolean | Is the freight collected by an association? |

The delivery object

| Attribute | Type | Description |
|---------------------------------------|------------------|--|
| licencePlate | String | Licence plate number of the weighed truck |
| transporterName | String | Optional name of the transporter, empty string if not available |
| tripNumber | String | Optional unique reference for a weighingTicket |
| isDistributionProjectByBales | Boolean | Is the distribution done in bales? |
| weighingTicket | Object | Optional weighingTicket if you want to create and connect them together (see previous slides) |
| deliveryDistributions | Array of objects | Provide the distributions on postal codes or collectionpoints (see next slides) |
| deliveryDistributionGlassBinWeighings | Array of objects | Provide the glassbinweighings and create distributions for it. Cannot be used in combination with deliveryDistributions. (see next slides) |

The deliveryProject object

| Attribute | Type | Description |
|-----------------|--------|---|
| projectId | Number | Id of the project |
| nettoPercentage | Number | Percentage of the netto weight of the freight |
| balesQuantity | Number | Amount of bales |

The deliveryPostalCode object

| Attribute | Type | Description |
|--------------|--------|----------------------|
| postalCodeId | Number | Id of the postalCode |

The deliveryDistribution object

| Attribute | Type | Description |
|-------------------|--------|---|
| postalCodeId | Number | Id of the postalCode |
| collectionPointId | Number | Id of the collectionPoint |
| nettoPercentage | Number | Percentage of the netto weight of the freight |

The contractLineContainer object

| Attribute | Type | Description |
|-------------------|--------|--|
| luContainerTypeId | Number | The cotainertype Id of the container (lookup list /api/v1.0-Alpha/luContainerTypes) |
| containerVolume | Number | Volume of the container |

The deliveryDistributionGlassBinWeighing object

| Attribute | Type | Description |
|-------------------|--------|--|
| glassBinId | Number | ID of the glass bin (Get from /api/v1.0-Alpha/glassBins/myGlassBins) |
| nettoWeight | Number | The netto weight of the glass bin weighing |
| collectionPointId | Number | The id of the collection point |

Create a Glass Bin Weighing

- It is possible to create glass bin weighings for a trip with a POST request via the API
- In the next slides we'll provide details of the data you need to provide

Glass Bin Weighing Request

| Attribute | Type | Description |
|---------------|--------|---|
| tripWeighings | Object | The glass bin weighings for a certain trip (see next slide) |

The tripWeighings object

| Attribute | Type | Description |
|-------------------|------------------|--|
| partyId | Number | The ID of the partner (get from <code>/api/v1.0-Alpha/parties/myPartners</code>) |
| tripNumber | String | The trip number |
| collectionDate | DateTime | Provide the collecting Date formatted as 2017-10-29 or 2017-10-29T09:55:34 |
| glassBinWeighings | Array of objects | The individual glass bin weighings (see next slide) |

The glassBinWeighing object

| Attribute | Type | Description |
|-------------------|--------|--|
| collectionPointId | Number | The ID of the collection point |
| glassBinId | Number | The ID of the glass bin (get from /api/v1.0-Alpha/glassBins/myGlassBins) |
| luMaterialId | Number | The ID of the material (lookup list /api/v1.0-Alpha/luMaterials) |
| nettoWeight | Number | The netto weight of the weighing |