EUMUDA public API - version 1

Documentation for users of the public projects list

Minor Uses Coordination Facility (MUCF) - IT - 2 November 2026 - document version 1.0

1. What the API is

The EUMUDA public API gives direct, machine-readable access to the public list of EUMUDA projects, the same projects and the same columns as the Projects page of the EUMUDA website (eumuda.eu/projects/list_projects). It is meant for partners who want to reuse the list in their own tools: a national database, a website, a dashboard or a spreadsheet that refreshes itself.

- **Read only:** nothing can be created or changed through the API.
- **Public:** no account, no key, no registration. Anyone with the address can use it.
- **Same data as the website:** what is public on EUMUDA is available in the API, nothing more.
- **Format:** JSON, the standard exchange format of the web. Opening an address in a browser shows the result; adding `?pretty=1` makes it indented and readable.

2. Address and routes

Base address: `https://eumuda.eu/api/v1`

Four routes are available, all with the GET method (a plain web address):

Route	What it returns
`/api/v1`	This documentation, in JSON: routes, parameters, limits, an example.
`/api/v1/projects`	The paginated list of public projects, newest first, with optional filters (section 3).
`/api/v1/projects/{id}`	One project, by its EUMUDA project number. 404 if the number is unknown or the project is not public.
`/api/v1/meta`	Reference data to build filters: statuses in use, member states, CEG names, number of public projects.

To read the documentation in a browser: `https://eumuda.eu/api/v1?pretty=1`

3. Filters of the projects list

Filters are added to the address after a question mark and separated by ampersands. They can be combined; a project must match all of them.

Parameter	Meaning	Example
`country`	Member state involved in the project (leading, participating or interested). ISO 2-letter code or a usual alias: uk, britain, great-britain, EL for Greece.	country=FR
`crop`	EPPO code of a crop.	crop=HUMLU (hop)
`pest`	EPPO code of a pest.	pest=SPHRMA
`status`	Project status, by its number (list in /api/v1/meta).	status=11 (Project ongoing)
`year`	Year of the project start date.	year=2024

q	Free text, case-insensitive, searched in crop names, pest scientific names and public comments.	q=aphid
page	Page number, default 1.	page=2
per_page	Projects per page, default 50, maximum 100.	per_page=100
pretty	Set to 1 for indented, readable JSON (any route).	pretty=1

Examples

- All projects involving France, newest first: `https://eumuda.eu/api/v1/projects?country=FR&pretty=1`
- Projects started in 2024 and led by, or involving, Germany: `https://eumuda.eu/api/v1/projects?country=DE&year=2024&pretty=1`
- Projects on hop (EPPO code HUMLU): `https://eumuda.eu/api/v1/projects?crop=HUMLU&pretty=1`
- Projects mentioning aphids, 100 per page: `https://eumuda.eu/api/v1/projects?q=aphid&per_page=100&pretty=1`
- Project number 316 alone: `https://eumuda.eu/api/v1/projects/316?pretty=1`
- Statuses, countries and CEG names to build a filter: `https://eumuda.eu/api/v1/meta?pretty=1`

4. What a project looks like

Every answer has the same shape: a "data" part with the content, and a "meta" part with the page number, the number of projects per page, the total number of projects matching the filters, the number of pages and the generation time.

Fields of a project:

Field	Content
id_project	EUMUDA project number (the one shown on the website).
ceg	Name of the Commodity Expert Group.
leading_ms	Leading member state.
ms_participating	Participating member states (list).
ms_interested	Interested member states (list).
authorisations_in	Countries where an authorisation was granted (list, may be empty).
crops	Crops of the project: EPPO code, scientific name, common name.
crop_group	Crop group, when the project is defined by a group rather than single crops.
extrapolation_crops	Crops covered by extrapolation: type E (extrapolation) or R (representative), EPPO code and names.
pests	Pests or targets: EPPO code and scientific name.
function_category	Function of the product (herbicide, fungicide, insecticide...).
area_of_use	Codes of the area of use: F = outdoor or field use, G = greenhouses, I = indoor, FG = field and greenhouses.
date_start	Start date of the project (YYYY-MM-DD).
status	Status number and label, for instance 11 = Project ongoing.
public_comments	Public comments of the project, when any.

Example of answer

Address: `https://eumuda.eu/api/v1/projects?country=FR&year=2024&per_page=1&pretty=1`


```
{
```

```
    "data": [
        {
            "id_project": 316,
            "ceg": "Hops",
            "leading_ms": "Germany",
            "ms_participating": ["Czech Republic", "Slovenia"],
            "ms_interested": ["Belgium", "Czech Republic", "Slovenia", "France", "Spain"],
            "authorisations_in": [],
            "crops": [{"code": "HUMLU", "scientific_name": "Humulus lupulus", "common_name":
"hop"}],
            "crop_group": null,
            "extrapolation_crops": [],
            "pests": [{"code": "SPHRMA", "scientific_name": "Podosphaera macularis"}],
            "function_category": null,
            "area_of_use": ["F"],
            "date_start": "2024-03-20",
            "status": {"id": 11, "label": "Project ongoing"},
            "public_comments": null
        }
    ],
    "meta": {"page": 1, "per_page": 1, "total": 1, "pages": 1, "generated_at": "2026-11-
02T14:47:55+00:00"}
}
```


A value "null" means that the information is not filled in for this project; an empty list [] means none.

5. What is not in the API

The API only exposes what is already public on the EUMUDA website. The following never appear, whatever the address used:

- Active substances and products.
- Contacts, organisations and people linked to a project.
- Internal comments of the CEG and any confidential field of the project form.
- Projects that are not public on the website.

This list of exposed fields is fixed in the code and an automated test checks on every release that no other field leaks out.

6. Limits and good practice

Rule	Detail
`Rate limit`	60 requests per minute per address (IP). Above that the API answers HTTP 429 with a Retry-After header saying how long to wait.
`Page size`	100 projects per page at most. For the whole list (about 220 projects today), 3 pages of 100 are enough.
`Freshness`	Answers are kept in a cache for 10 minutes: a change made on the website appears in the API within 10 minutes.
`Errors`	Always JSON: {"error": {"code": "...", "message": "..."}} with the matching HTTP status: 400 bad parameter, 404 unknown project or route, 405 method other than GET, 429 too many requests.
`Browser use`	Any route can be opened in a browser; pretty=1 makes the answer readable. The API can

	also be called from another website (CORS open for GET).

Good practice for a tool that refreshes a copy of the list: request 100 projects per page, once a day or once an hour, and keep a copy if the API is unavailable.