

CA/BAF Network

The AA network

Jems, training

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Interact



Co-funded by
the European Union
Interreg

Agenda

01

General
introduction

02

Jems system
features

03

Training
From Project to
Programme modules

04

Feedback round

Before we start

You can take a few notes but

- Presentations will be sent to you
- Jems & supporting information is always accessible for you via <https://jems.interact.eu//>
 - here you can find the following:
 - Jems user manual
 - Video tutorials
 - Access to public test environments where you can try out Jems at any time



What is Jems



Harmonised tool based on HIT and Interreg collective knowledge



Developed by Interact with the help of a Core Group (7 programmes). Takes into consideration feedback and input of a larger User group (the 52 programmes that signed Jems licence agreement to test/use Jems)



Taking into consideration results of User tests, feedback and proposals (if relevant for Jems users community)

How is Jems being developed



Software development started in May 2020
and is still ongoing



Development in 2 weeks sprints/cycles

Every 2 weeks functional pieces of software are presented to public in online Sprint Review meetings. Feedback is provided on the spot or on Helpdesk and is integrated in future developments



Jems releases: 10

Core development ended, currently in additional development phase

By Date

4 years of development



Expressed interest to use/test Jems

55



Signed License agreements

52



Releases

10 (last, 05.04.2023)



Sprint Reviews

100

Jems roadmap

Summer 2023



MA/JS verification
and Payments

Management verification
on project level (finances
and content)

Regular payments to
projects

Autumn 2023



Programme
Monitoring

Payment claims to EC

Audit and corrections
(start)

SFC transmission of data*

eID

Winter 2023/24



Closure

Audit and corrections

Programme and project
closure

SFC annual accounts*

data exports*

Spring till end 2024



"Nice to have"
phase

Extension of features
adding value to the
system (according to
prioritisation)

* plugins: contributions by programmes possible and welcome

Status: 5.9.2023

Disclaimers

- This is a training session to learn how Jems works.
- Jems is very customizable, you might see more than what you see in programme installations.
- The Auditors role is setup by programmes. We setup a role for you in Jems in which we think programmes could give you access. This role can be configured programme by programme.
- Notifications are not sent to e-mails (we are not using your e-mail address 😊)
- All data in the test environment is fake and made by us.
- A majority of our checklists are the HIT templates & pre-submission checks are basic, they will be further configured by programmes.

Jems privileges

- How to setup a role (system privileges)?
- How to have different access for different projects (project privileges)?

The screenshot displays the Jems system interface. The top navigation bar includes 'Interreg' (Co-funded by the European Union), 'Dashboard', 'Applications', 'Calls', 'Programme', and 'Controllers'. The left sidebar shows a menu with 'System' selected, and 'Audit/Control' highlighted under 'Roles'. The main content area is titled 'Roles Detail' and shows the configuration for the 'Audit/Control' role. The role name is 'Audit/Control'. A checkbox for 'default' is checked, indicating that new registered users will be added to this role. Below this, there are two main sections: 'Reporting' and 'Top navigation bar'. The 'Reporting' section is expanded, showing a table of permissions. The 'Application form' permission is circled in red. The 'Top navigation bar' section is also expanded, showing a table of permissions for various dashboard items. The bottom of the sidebar features the Jems logo and the text 'A harmonised tool by Interact'.

Reporting	
Corrections	
Project reports	
Partner reports	
Contracting	
Application form	

Top navigation bar	
Dashboard	
Notifications	hide view
My project reports	hide view
My partner reports	hide view
My applications	hide view
Call list	hide view
Payments	
Payments to projects	hide view edit
Advance payments	hide view edit

Conversion & rounding in Jems

Conversion:

- The application form is always in Euro
- From reporting onwards different currencies can be used.
- Conversion rates in Jems are automatically taken from the EC service provider, they get automatically updated at the month change. Only once a partner report is submitted the exchange rates are stored and applied for that partner report (according to regulation).

Co-financing:

- Fund is always rounded down to 2 decimals, Contribution is always calculated as the difference between fund amounts and the total.
- The following are always rounded down to 2 decimals:
 - Public/private/auto public contributions
 - Flat rates

User manual link:

<https://jems.scrollhelp.site/manual/v10/number-format-and-rounding-in-jems>

Audit log

Interreg Co-funded by the European Union

Replace with your Programme Logo

Dashboard Applications Calls Programme Controllers Payments System English

Dashboard / System / Audit Log

Audit Log

Filters

Time From (MM/DD/YYYY h:mm A) Time To (MM/DD/YYYY h:mm A)

User Id User email Action Project Id

Items per page: 25 1 - 25 of 10000

Timestamp	User Id	User email	Action	Project Id	Description
06/06/2024 2:53:27 PM	1	admin@jems.eu	APPLICATION_VERSION_RECORDED	536	New project version "V.1.0" is recorded by user: admin@jems.eu
06/06/2024 2:53:27 PM	1	admin@jems.eu	APPLICATION_STATUS_CHANGED	536	Project application created with status DRAFT
06/06/2024 2:50:37 PM	1	admin@jems.eu	USER_SESSION_EXPIRED		user with email admin@jems.eu was logged out by the system
06/06/2024 2:49:37 PM	1	admin@jems.eu	USER_SESSION_EXPIRED		user with email admin@jems.eu was logged out by the system
06/06/2024 2:41:24 PM	1	admin@jems.eu	CALL_PUBLISHED		Call id=181 'AcD CHITA' published
06/06/2024 2:41:13 PM	1	admin@jems.eu	CALL_CONFIGURATION_CHANGED		Configuration of not-published call id=181 name='AcD CHITA' changed: Application form configuration was changed (no-change)
06/06/2024 2:40:44 PM	1	admin@jems.eu	CALL_CONFIGURATION_CHANGED		Configuration of not-published call id=181 name='AcD CHITA' changed: Plugin selection was changed PreSubmissionCheck changed from "to 'jems-pre-condition-check-off"
					Configuration of not-published call id=181 name='AcD CHITA' changed: Application form configuration was changed application.config.project.activities.

Jems A harmonised tool by Interact

Notifications

Programmes can setup per call notifications for almost any action.

This means that users can be notified of a majority of the actions done in the system with tailored messages. These messages arrive on their personal user dashboard or in their mailbox if the forwarding is activated by the user.

Notifications

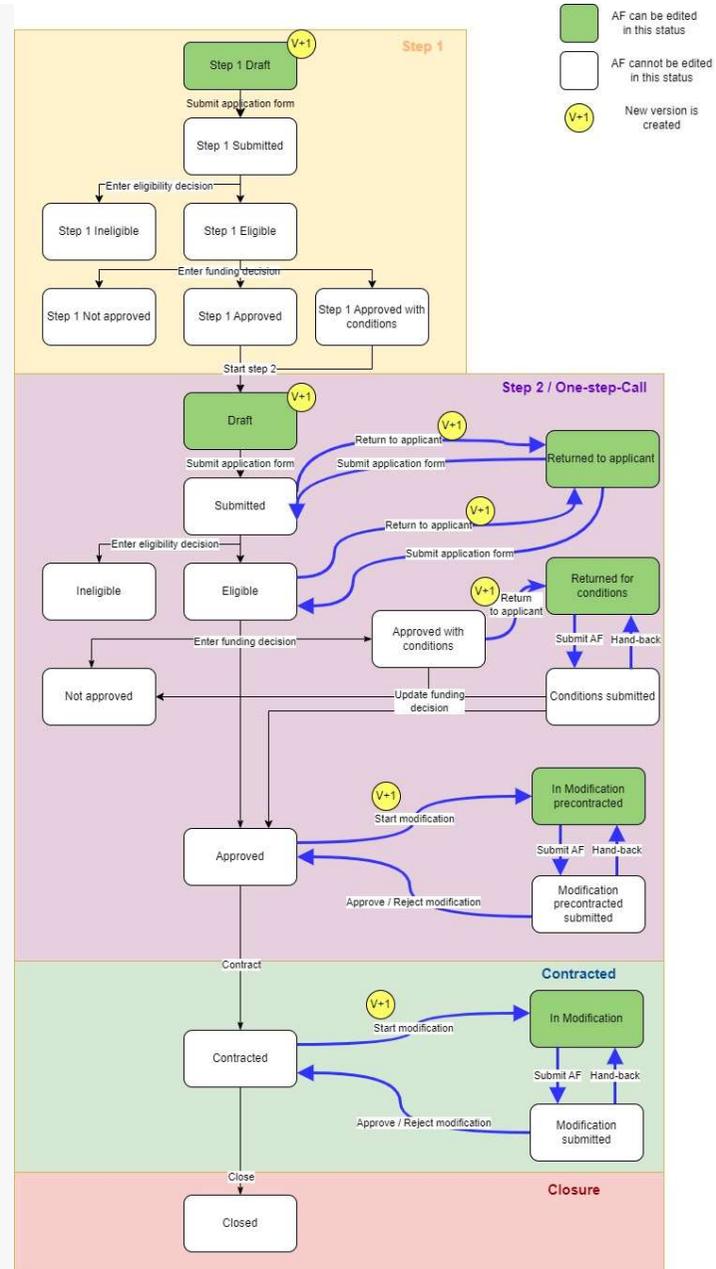
Time	Related call	Project	Acronym	Partner	Subject	
06/07/2024 12:13 PM	Call May 2024	PROJECT17600538	Test project June 2024	PP2	Partner Report Submitted	▼
06/07/2024 12:09 PM	Call May 2024	PROJECT17600538	Test project June 2024	LP1	Partner Report Submitted	▼
06/07/2024 12:05 PM	Call May 2024	PROJECT17600538	Test project June 2024	-	Project Report verification Finalised	▼
06/07/2024 12:04 PM	Call May 2024	PROJECT17600538	Test project June 2024	-	Project Report Verifiatiion Ongoing	▼
06/07/2024 12:04 PM	Call May 2024	PROJECT17600538	Test project June 2024	-	Project Report Submitted	▼

Items per page:

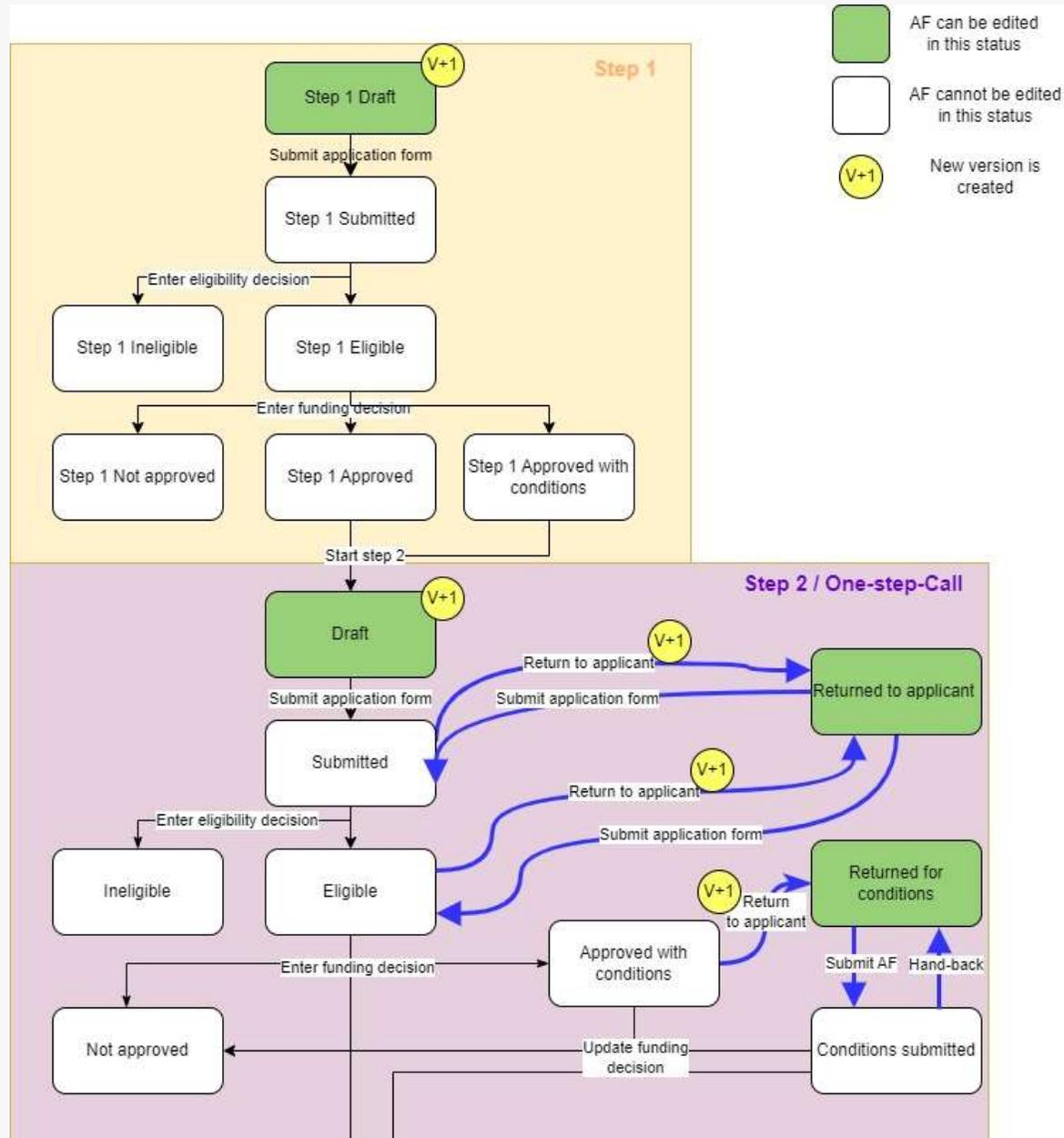
1 - 5 of 2927

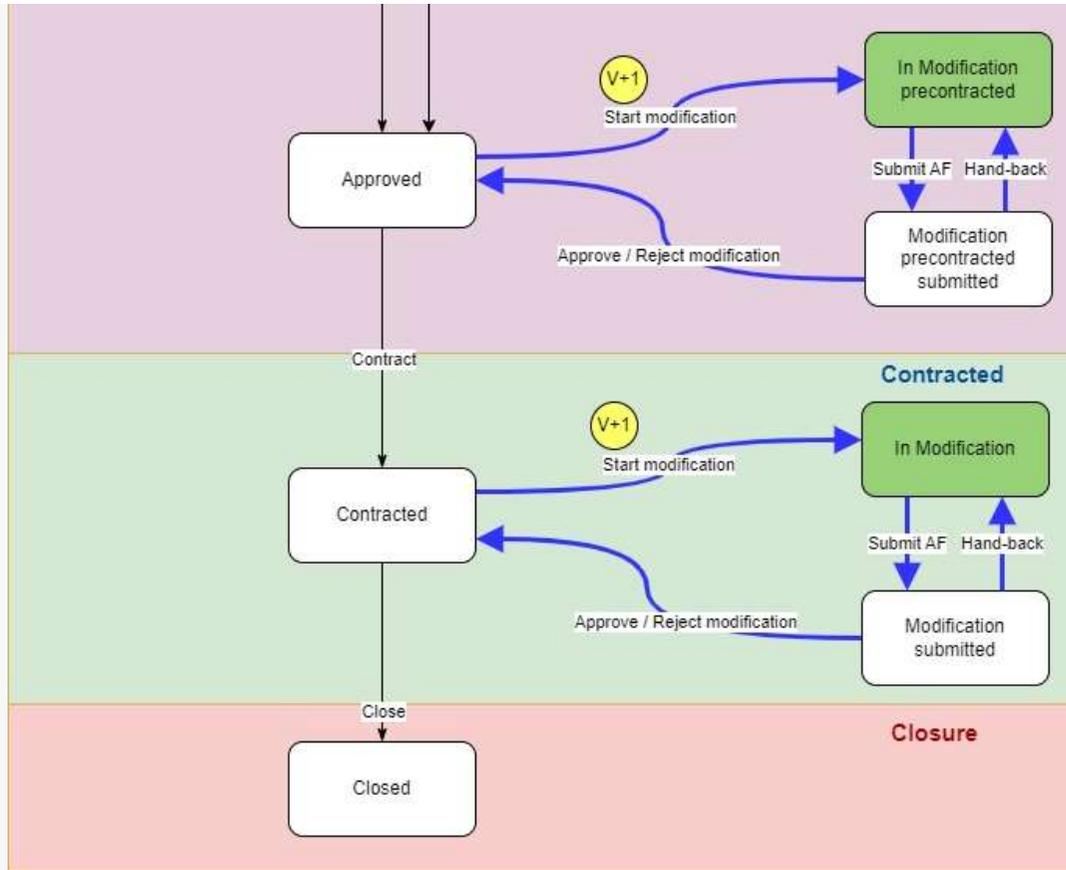


Project status-flow in Jems



User manual link:
<https://jems.scrollhelp.site/manual/v10/project-overview>





1. Application form

What is important to know about the Application Form (AF):

- After signing the subsidy contract, the legal basis for the project implementation and reimbursement based on project claims is the Application form.
- The AF in Jems is based on HIT that has optional elements that are customized via call settings (every call has 1 specific template). Fields and options can be switched of and on in the call by the programme.
- Project changes lead to AF versions. It is important to know which report is linked to which AF version to define what is eligible and ineligible.
- Important documents are uploaded in the Application annexes

Let's look in Jems at the call settings and the Application Form

1. Assessment of the Application Form

What is important to know about the Application Form (AF):

- The AF in Jems has pre-submission checks defined by the programme. Restrictions and rules can be set in the pre-submission check preventing submission until rules are met. Usually admissibility criteria of a programme are met via these automatic checks and do therefore not need to be assessed again in the assessment of the project.
- It is up to the programme to make these rules as strict as they want.
- Furthermore the eligibility and quality is checked during the assessment phase through checklists setup by the programme.
- Programmes can have a 4 eyed principle and programmes can also have external assessors to do the project assessment.

Let's look in Jems at the assessment module.

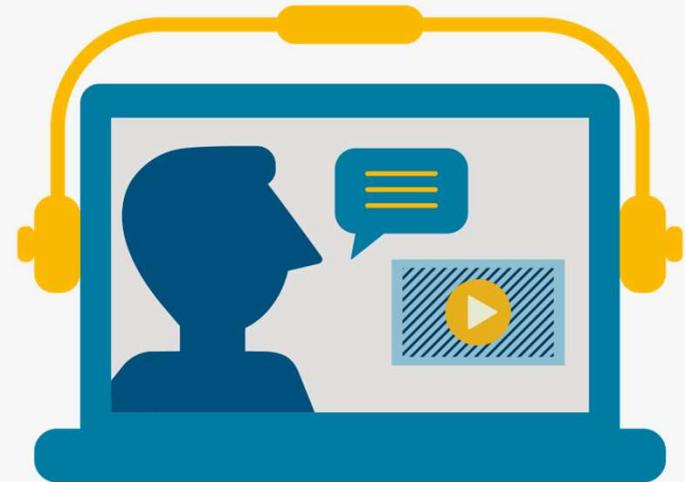
Let's start Working group per table

What did we prepare for you:

- Test instance: <https://lisbon.interact-eu.net/>
- A contracted project (Acronym: Internature) with a fund with partners, partner reports and verified project reports.
- For a **Auditor** user please login with:
 - auditor@jems.eu
 - Jemsjems123

Task 1

1. Find AF, 3 versions and annexes
2. Find the info on the beneficial owner of Lead partner
3. Find the budget of partner 2
4. Find the assessment checklists



2. Contracting & State aid

As shown in the statusflow of a project. A project goes through a contracting phase. This is the stage where:

- The partners are established
- Controllers are designated per partner
- Legally partners promise to deliver the project by signing:
 - Partnership agreement
 - Subsidy Contract

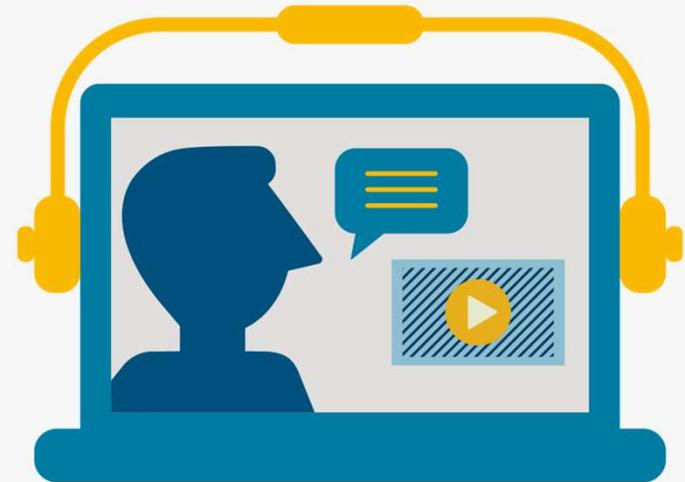
The single source of truth for State aid is the self declaration of the partner. Additional information can be found in the contracting section.

Fast track lump sums are lump sums that go directly to payments without going through the reporting workflow. Programme users can set them ready for payment in the contracting module.

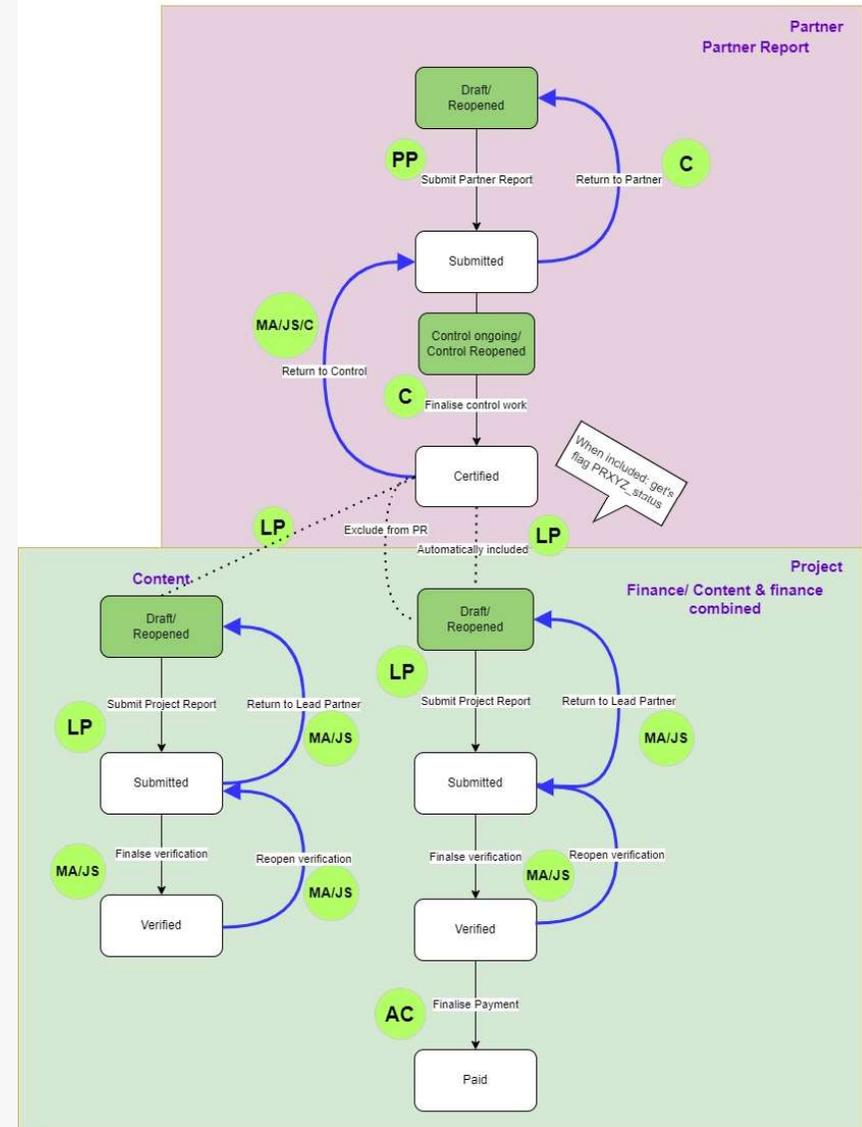
Let's look in Jems at the contracting module.

Task 2

1. Find the subsidy contract
2. Find the partnership agreement

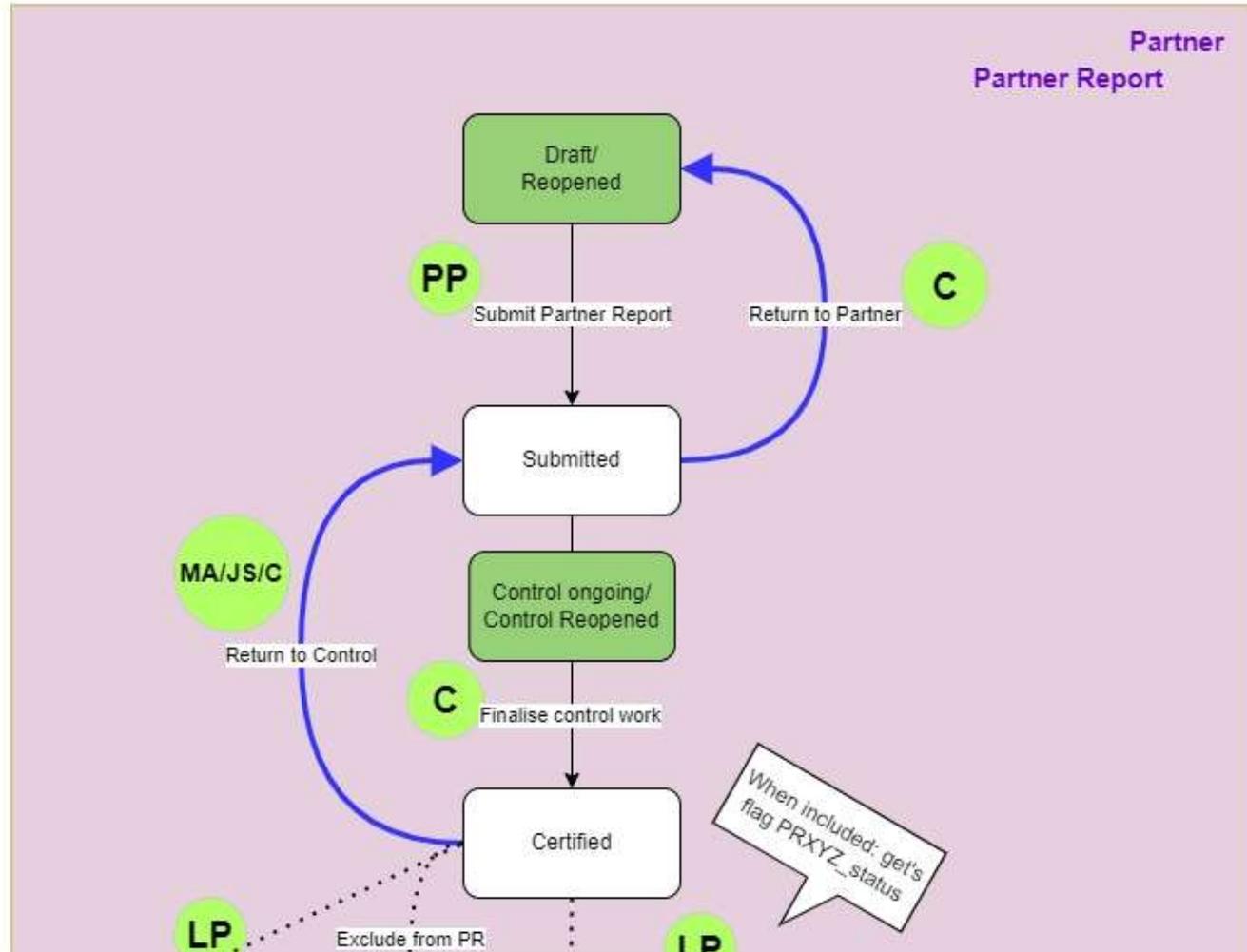


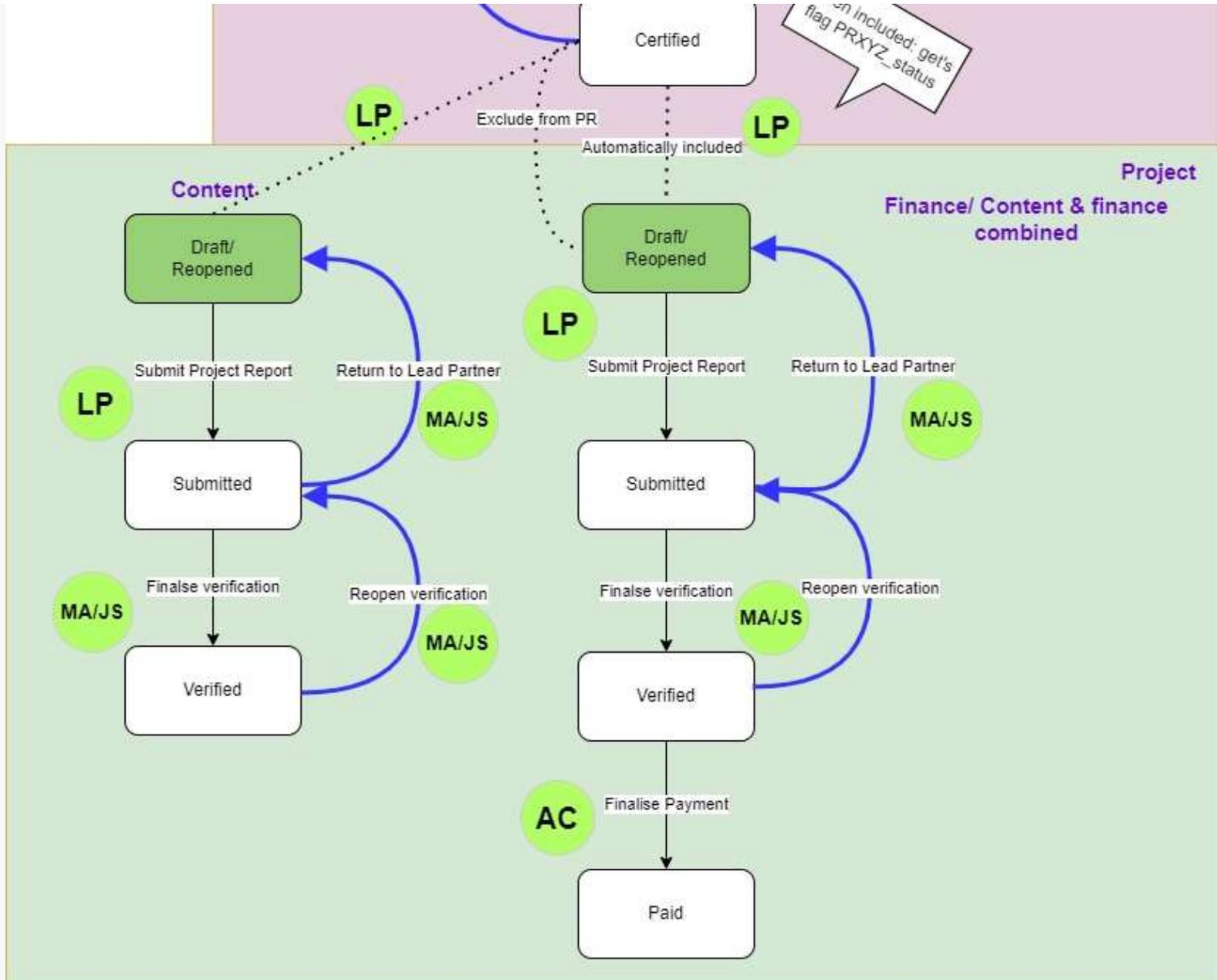
Reporting status flow in Jems



User manual link:

<https://jems.scrollhelp.site/manual/v10/partner-reports>





3. Partner reports, procurements and control work

- We previously explained the status flow of reports.
- Each partner can create reports for their own partner organization if they have the rights. There is no restriction how many partner reports can be created.
 - Partner reports have also automatic pre-submission checks like the Application Form customizable by the programme.
- Procurements are created within a partner report and are cumulative in a way that partners can add costs linked to procurements in any of the following reports.
 - Sub contractors can be added
 - Beneficial owners can be added

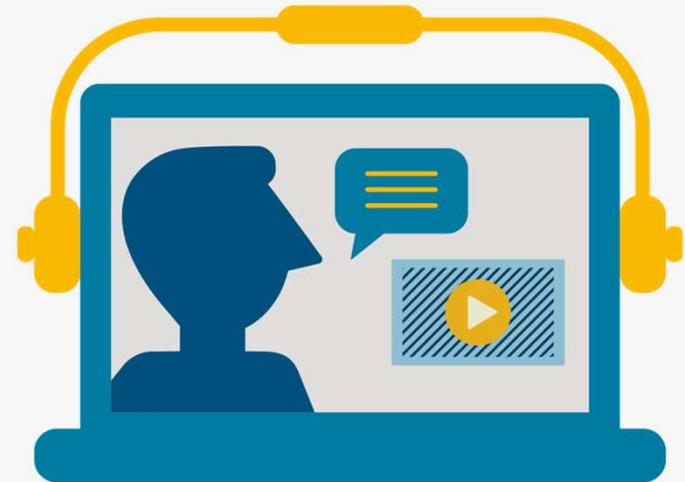
4. control work

- Each partner report must be controlled by a controller.
- During the contracting phase controllers must be designated and assigned to the partner through a special assignment in the system.
- Controllers verify if the costs reported by the partner are eligible and also complete a control checklist.
- While control work is ongoing the controller can communicate via file upload with the concerned partner in a dedicated section.
- Controllers are required to sample and not verify 100%. Sampling can be done both automatically and manually in Jems.
- Once the work is finalized, the control work becomes visible to the partner.

Let's look in Jems at Partner report and control work.

Task 3.1 partner report

1. Find the report with deductions
2. See if there are any attachments to the partner report
3. See which costs were controlled,
4. Find controller checklist,
5. Find controller's deductions,



Task 3.2 procurements

1. Find the info on PP and subcontractors
2. Find the info on beneficial owner of the public procurement contract



5. Project reports

- We previously explained the status flow of reports.
- Project reports can either be created similar as partner reports or can be created linked to the reporting schedule in the contracting module. The reporting pace is usually agreed between project and programme.
- Project reports can have the type Both/content/finance/final
 - A Both type report is a full project report with both content and financial related questions
 - A content report has no finance but only content related questions.
 - A finance report has only financial information.
 - A final report has an additional tab available where the legacy of the project can be further justified.
- A majority of programmes is now leaning towards disentangling content and finance so that they can get financial reporting done at a faster pace than content reporting.
- Project reports also have a pre-submission check.

6. MA/JS verification

- Similar as to control work also the project report has to be verified.
- Jems has the possibility for both the JS and the MA to do a verification of the project report.
 - Checklists can be completed by both institutions
- While verification is ongoing the programme can communicate via file upload with the project in a dedicated section.
- Once the report is verified the project payment is created and the payment claim can also be included in the Payment application to EC (more about that in the programme module section).

7. Living tables

Jems at this date has only project living tables. These tables within the project provide an up to date view of where the project is at in terms of spending or in terms of indicator performance.

The screenshot displays the Interreg project management interface. The top navigation bar includes 'Dashboard', 'Applications', 'Calls', 'Programme', 'Controllers', 'Payments', and 'System'. The left sidebar contains a menu with categories like 'Reporting', 'Contracting', and 'Application form'. The main content area shows two tables.

Financial Living Tables

	213.500,00	56.615,72	0,00	0,00	0,00	56.615,72	56.615,72	N/A	0,00	56.615,72	0,00	156.884,28	-312,00
Partner contribution													
↳ Public Contribution	141.000,00	20.746,78	0,00	N/A	0,00	20.746,78	20.746,78	N/A	0,00	20.746,78	0,00	120.253,22	-164,00
↳ Auto Public Contribution	0,00	0,00	0,00	N/A	0,00	0,00	0,00	N/A	0,00	0,00	0,00	0,00	0,00
↳ Private Contribution	72.500,00	35.868,90	0,00	N/A	0,00	35.868,90	35.868,90	N/A	0,00	35.868,90	0,00	36.631,10	-148,00
Total	1.067.500,00	283.078,50	0,00	0,00	0,00	283.078,50	283.078,50	0,00	0,00	283.078,50	6.000,00	784.421,50	-962,00

Project expenditure living table - breakdown per cost category (in Euro)

Project budget	Partner report						Project report				Total Paid by programme to	Remaining Budget	Total corrections for the project
	Total eligible budget	Total Submitted in Partner Report	Of which re-included	Total Deducted by Control	Total Parked by Control	Total Certified by Control	Total Submitted in Project Report	Total Deducted by JS/MA	Total Parked by JS/MA	Total Verified by JS/MA			
Staff costs	560.000,00	99.998,34	0,00	0,00	0,00	99.998,34	99.998,34	0,00	0,00	99.998,34	N/A	460.001,66	N/A
Office and administrative costs	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	N/A	0,00	N/A
Travel and accommodation	0,00	1.879,57	0,00	0,00	0,00	1.879,57	1.879,57	0,00	0,00	1.879,57	N/A	-1.879,57	N/A
External expertise and services	100.000,00	81.470,56	0,00	0,00	0,00	81.470,56	81.470,56	0,00	0,00	81.470,56	N/A	18.529,44	N/A
Equipment	50.000,00	31.450,59	0,00	0,00	0,00	31.450,59	31.450,59	0,00	0,00	31.450,59	N/A	18.549,41	N/A
Infrastructure and works	150.000,00	32.569,75	0,00	0,00	0,00	32.569,75	32.569,75	0,00	0,00	32.569,75	N/A	117.430,25	N/A
Other costs	200.000,00	28.209,69	0,00	0,00	0,00	28.209,69	28.209,69	0,00	0,00	28.209,69	N/A	171.790,31	N/A
Lump sum	7.500,00	7.500,00	0,00	0,00	0,00	7.500,00	7.500,00	0,00	0,00	7.500,00	N/A	0,00	N/A
Unit Costs	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	N/A	0,00	N/A
Total	1.067.500,00	283.078,50	0,00	0,00	0,00	283.078,50	283.078,50	0,00	0,00	283.078,50	6.000,00	784.421,50	-962,00

Task 4 project report

1. Find the report with deductions what type of report is this?
2. See which costs were deducted by MA/JS,



8. Programme modules

- Corrections and their follow up
- Payment applications to EC
- Annual accounts
- Project payments
- Advance payments
- Exports

8.1 Corrections



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the European Union

Dashboard
Applications
Calls
Programme
Controllers
Payments
System
English

Replace with your Programme Logo

- Project overview
- Reporting
 - Overview
 - Indicator Living Table
 - Financial Living Tables
 - Advance payments
- Corrections
- Project reports
 - Project reports
- Partner reports
 - LP1 Lead Partner
 - PP2 Partner one
- Contracting
 - Contract monitoring
 - Contracts and agreements
 - Project managers
 - Project reporting schedule
 - Partner details
 - LP1 Lead Partner

Dashboard / Applications / IA-1900043 - Project 11 / Corrections

Reporting Corrections

Corrections

In this section the user with edit rights can carry out project audits/controls, report findings and apply corrections. The section is viewable by all partner users.

+ Add Audit/Control

ID	Status	Controlling/Auditing body	Control/Audit type	Start date	End date	Final report date	Total controlled amount (in Euro)	Total corrections amount (in Euro)
IA-1900043_AC_4	Ongoing	Controller	Administrative				0,00	0,00
IA-1900043_AC_3	Closed	MA/BAF	On The Spot	04/24/2024 <small>2:00 AM</small>	04/30/2024 <small>2:00 AM</small>	04/30/2024 <small>2:00 AM</small>	232.108,32	-1.000,00
IA-1900043_AC_2	Closed	EC	On The Spot	04/23/2024 <small>2:00 AM</small>	04/25/2024 <small>2:00 AM</small>	04/30/2024 <small>2:00 AM</small>	232.108,29	-1.000,00
IA-1900043_AC_1	Closed	AA	Administrative	04/24/2024 <small>2:00 AM</small>	04/28/2024 <small>2:00 AM</small>	04/30/2024 <small>2:00 AM</small>	232.108,29	-1.000,00

Items per page: 25 1 - 4 of 4

8.1 Corrections

- Corrections are created by a privileged user within a single project.
- 2 types of corrections
 - Linked to a single cost item
 - Not linked to a single cost item (e.g. a lump sum/ a procurement)
- Corrections consist of 4 parts.
 - Identify a correction (find the irregular cost item and link it to the correction)
 - Describe the correction (describe the issue)
 - Describe impact at project level (repayment/flat correction/National repayment)
 - Describe impact at programme level (use the scenario's to correctly report the irregularity to the EC through PAP or Accounts)

8.2 Project Payments & Advance payments

Dashboard / Payments / Payments to projects

When more than one Fund is used in the AF, one line (one payment) is created for each Fund.
 Clicking on one line in this table will bring you to the payment details.

Filters

Both FTLS Regular

ID ProjectID Acronym Submission from (MM/DD/YYYY) Submission to (MM/DD/YYYY)
 MA Approval from (MM/DD/YYYY) MA Approval to (MM/DD/YYYY) Fund
 Date of (last) payment from (MM/DD/YYYY) Date of (last) payment to (MM/DD/YYYY)

Items per page: 25 1 - 25 of 76

ID	Type	Project ID	Project Acronym	Claim...	Included in...	Submission	MA Approval	Total elig...	Fund	Fund am...	Authorised	Paid	Date of (last)...
84	Regular	IA-0500011	Project - user test 2	PR.1		06/03/2024	06/03/2024	63.000,00	ERDF	50.400,00	50.400,00	3.000,00	06/20/2024
83	Regular	IA-1900044	Project 12	PR.4		04/23/2024	04/23/2024	81.472,68	Other funds 5	65.178,14	0,00	0,00	
82	Regular	IA-1900044	Project 12	PR.3		04/23/2024	04/23/2024	56.897,03	Other funds 5	45.517,61	0,00	0,00	

8.2 Project Payments & Advance payments

- Top navigation Payments is an important section for you. You can find here all payments to projects and payment requests to the commission as well as exports such as the common sample.
- Project payments can only be made for funds per project report. In case a project has multiple funds, multiple rows will show up in payments.
 - Payments can be done in one go for the project or they can be done per partner.
 - Corrections can be linked to an installment of a partner
- Advance payments are separate. Advances can be made to funds and contributions. There is an overview table in the project to show advance payments in case a programme uses them.

8.3 Payment to EC & Annual accounts

Co-funded by the European Union

Dashboard
Applications
Calls
Programme
Controllers
Payments
System

English

Payments
↑

- Payments to projects
- Advance payments
- Payment applications to EC
- Accounts
- Payment export

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Dashboard / Payments / Payments to EC

[Back to payment application to EC overview](#)

Payment application no. 77

Status: Draft

Summary
Regular projects
Projects flagged Art. 94/95
Corrections
Finalize

Cumulative amounts for current tab

Total eligible - sums up "Total eligible" for selected items
Total public contribution - sums up ("Fund amount" + "of which auto public") for items selected

Priority axis	Total eligible expenditure	Total Union contribution	Total public contribution
	5.468,75	0,00	4.218,75
P01	372.069,24	0,00	342.151,96
P02	63.000,00	0,00	63.000,00
Total	440.537,99	0,00	409.370,71

Fast track lump sums

All Fast track lump sums in projects not flagged Article 94/95 that are set Ready for payment at programme level and aren't included in another Payment application to EC are listed here.
In case of multi-fund projects, items listed reflect only shares corresponding to the Fund selected for current Payment application to EC.
User can edit amounts (where allowed) and can include them in current Payment application to EC.
Once included in a Payment application to EC items will never show up and can't be further included in future Payment application to EC!

Select	Payment ID	Project ID	Project acronym	Priority Axis	Claim No.	MA Approval date	Total eligible	Fund amount	Partner contribution	of which public	of which auto public	of which private	Comment	Correct amounts
<input checked="" type="checkbox"/>	22	IA-0400024	small project	N/A	0	03/04/2024	5.468,75	3.750,00 <small>Paid 0,00</small>	1.718,75	468,75	0,00	1.250,00		
<input checked="" type="checkbox"/>	12	IA-0400009	Project 1 - test 1	P01	0	06/23/2023	3.500,23	2.800,18 <small>Paid 0,00</small>	700,05	700,04	0,00	0,00		
<input checked="" type="checkbox"/>	11	IA-0400009	Project 1 - test 1	P01	0	06/23/2023	1.750,11	1.400,09 <small>Paid 0,00</small>	350,02	336,29	0,00	13,74		

8.3 Payment to EC & Annual accounts

Accounts

This section lists Accounts organized by fund. If funds are added in the programme setup, a new table will show up here with a row per accounting year.

All amounts are in EURO.

ERDF

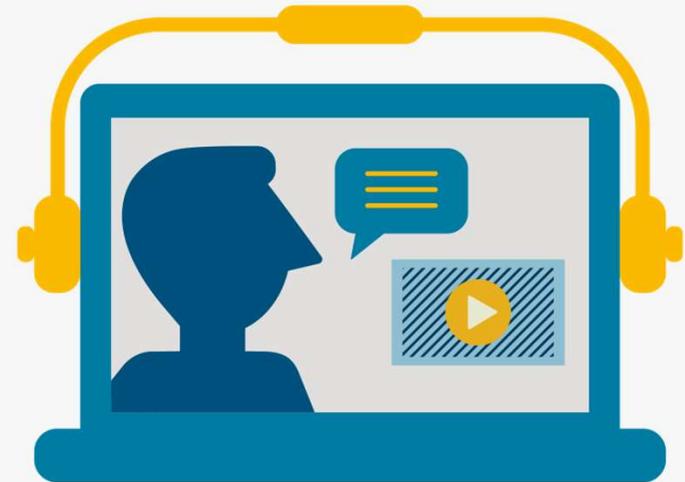
Accounting year	Status	Total eligible expenditure	Technical assistance (TA)	Total public contribution	Total claim including TA	National reference	SFC no.	Submission to SFC
Year 1: 01/01/2021 - 06/30/2022	Draft		0,00					
Year 2: 07/01/2022 - 06/30/2023	Finished	-6.000,00	50.000,00	-6.000,00	44.000,00	Testing Other Fund 2	Test	04/24/2024
Year 3: 07/01/2023 - 06/30/2024	Draft		0,00					
Year 4: 07/01/2024 - 06/30/2025	Finished	0,00	0,00	0,00	0,00			
Year 5: 07/01/2025 - 06/30/2026	Draft		0,00					
Year 6: 07/01/2026 - 06/30/2027	Draft		0,00					
Year 7: 07/01/2027 - 06/30/2028	Draft		0,00					
Year 8: 07/01/2028 - 06/30/2029	Draft		0,00					
Year 9: 07/01/2029 - 06/30/2030	Draft		0,00					

8.3 Payment to EC & Annual accounts

- Payment to EC are created per fund.
 - Automatically everything that is ready to be included get's included and users have to actively correct and exclude
 - Closed corrections falling under scenario N/A, 2 and 5 are shown and can be included
- Accounts
 - Are created by the system from the start of the programme
 - Whenever payment to EC of the same accounting year are created the accounts are automatically updated.
 - Closed corrections falling under scenario 3 and 4 can be included in accounts
 - Appendix 1,2,4 are automatically populated by the system.

Task 5

1. Find 2 corrections
2. Find 2 payment applications to EC
3. Check amounts in the annual accounts
4. Export common sample



8.4 Exports

Jems has recently developed numerous exports of data in .xls and programmes can also build own customised exports.

Some exports that could be of interest to you, if programmes give you access:

- The common sample export
- The export of all list of expenditure items of the programme
- The export of all corrections that happened in the programme
- The export of all project payments.
- The export of all projects in the programme
- The export of all partners in the programme
- The export of all project reports in the programme
- The export of all partner reports in the programme (under construction)

Cooperation works

All materials will be available on:

[Interact connections / MC community](#)