



UC5b Webinar



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Agenda

1

UC5b components and click-and-pay

2

Click-and-pay portal and rule engine

3

Pilot objectives

4

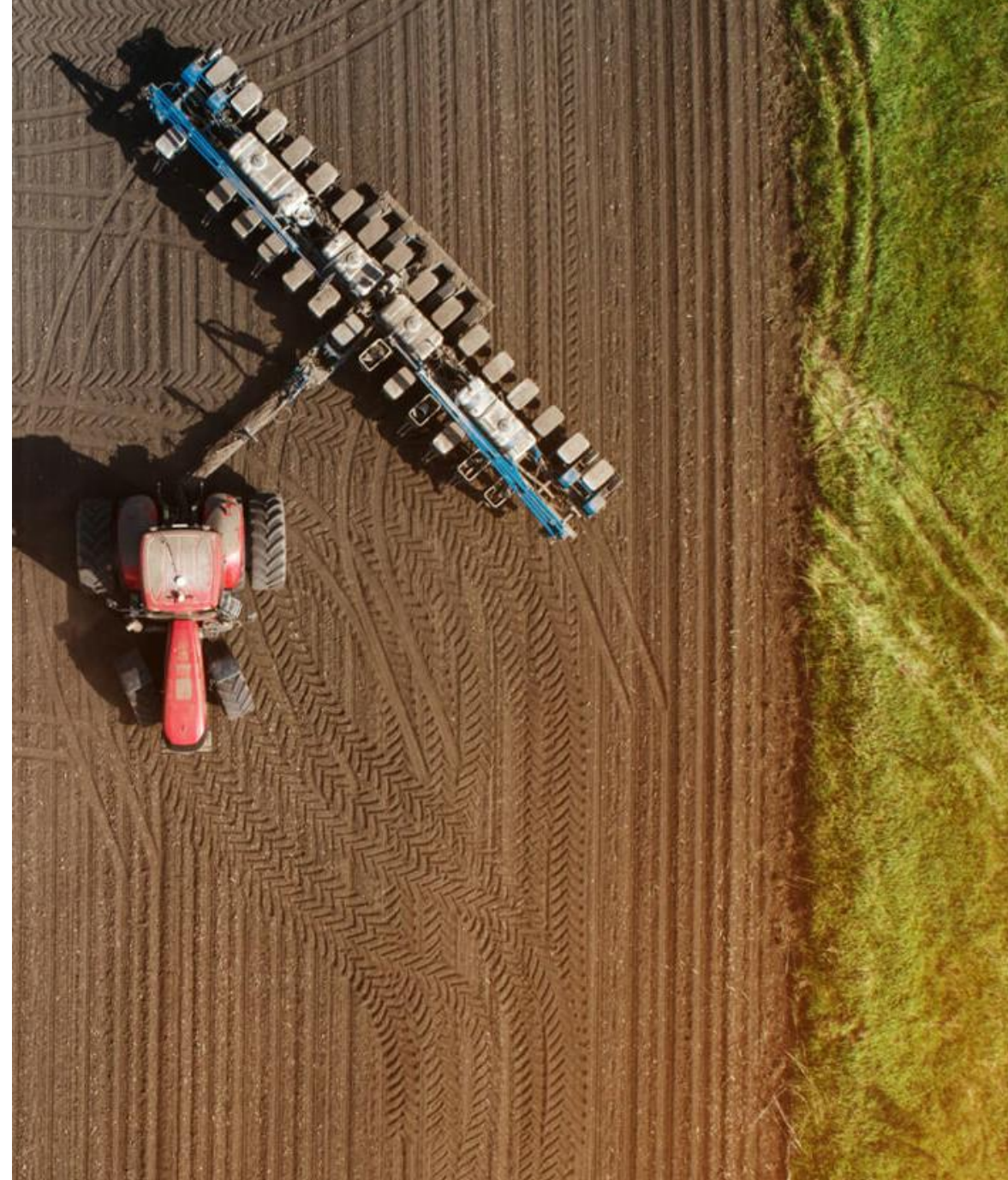
Single Member State Pilot

5

Multiple Member States Pilot

6

UC5b Knowledge Repositories



Overview of UC5b components

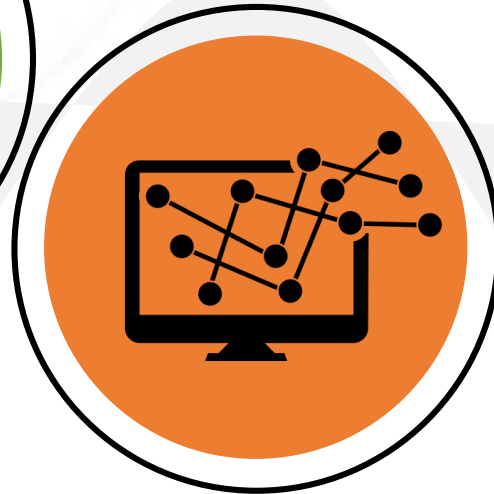


1

Click-and-pay

Seamless claim engine and management.

2



Simulation tool

Re-calculation or New-calculation of payment rights.

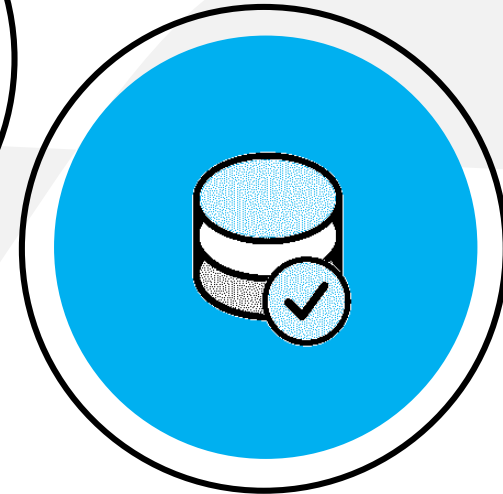


3

Farm classifier

Introduce EU standard monetary value to rank and typify farms.

4



Niva Data Supervisor

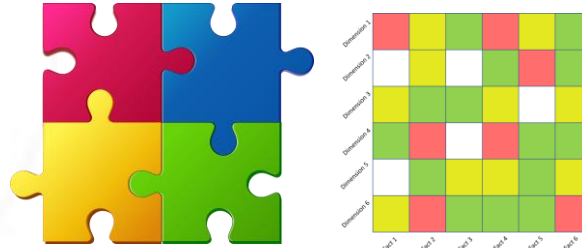
Retrieves quality of data based on its source and parameterized rules.

Click-and-pay concepts



Expression of Interest

- Simple and user-friendly portal to choose amongst interventions where farmers or agents can easily express their interest to participate



Rules Engine and Monitoring

- Rules Engine to centralize business logic and enable to introduce fast and cheap changes
- Automated checks by monitoring
- Easy Management of interventions in National Strategic Plans



Payment

- Smart and automated payment

According to Main articles for digital contract: *Art. 63.4(f) - Horizontal Regulation*, *Art. 65.1 - CAP plan regulation*, *Art. 65.6 - CAP plan regulation*, UC5b assists Farmer in complying with the interventions of new CAP Reform rules.

Click-and-pay portal (1/3)

APPLICANT DASHBOARD

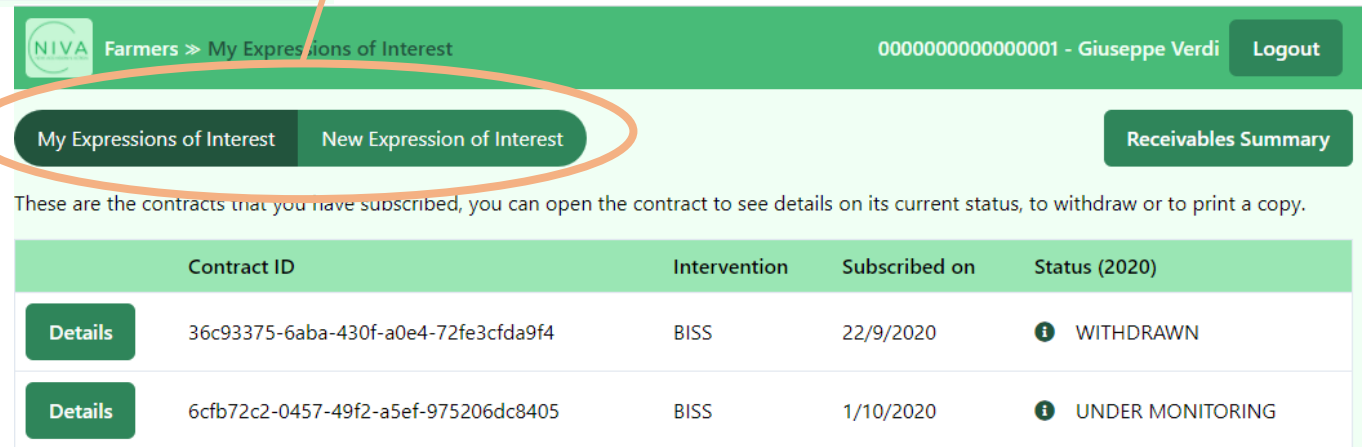


The screenshot shows the NIVA Farmers dashboard. At the top, there is a green header with the NIVA logo, the text "Farmers", and a user profile for "0000000000000001 - Giuseppe Verdi" with a "Logout" button. Below the header, a "Welcome ADMIN" message is circled in orange. Underneath, there is a section titled "Farmers" with a search bar. A table lists three farmers:

Farmers	Search ...
0000000000000001	Giuseppe Verdi
0000000000000002	Gioacchino Rossini
0000000000000003	Giacomo Puccini

Admins or assistance centres are able to see several farmers.

«My expressions of interest» contains signed agreements, while «New expression of interest» contains the list of possible interventions.




The screenshot shows the "My Expressions of Interest" page. The header is green with the NIVA logo, "Farmers >> My Expressions of Interest", and a user profile for "0000000000000001 - Giuseppe Verdi" with a "Logout" button. Below the header, there are two tabs: "My Expressions of Interest" (selected) and "New Expression of Interest". A "Receivables Summary" button is also visible. Below the tabs, there is a text block: "These are the contracts that you have subscribed, you can open the contract to see details on its current status, to withdraw or to print a copy." Below this, there is a table with the following data:

	Contract ID	Intervention	Subscribed on	Status (2020)
Details	36c93375-6aba-430f-a0e4-72fe3cfda9f4	BISS	22/9/2020	WITHDRAWN
Details	6cfb72c2-0457-49f2-a5ef-975206dc8405	BISS	1/10/2020	UNDER MONITORING

Click-and-pay portal (2/3)

NEW EXPRESSION OF INTEREST

 Farmers » New Expression of Interest » BISS

0000000000000001 - Giuseppe Verdi

Logout

Contract Name: BISS
The Paying Agency commits to pay you an amount of money based on the following Terms and Conditions:

Terms and Conditions
You shall ensure that your company data are updated in the Paying Agency's registries

You are an genuine farmer - Current outcome: OK as checked in the farmer registry at 09/11/2020

You declare your land use - Current outcome: OK as checked in the GSAA (Geospatial Application) at 09/11/2020

You will carry out agricultural activities - Current Outcome: OK as checked in the Area Monitoring System at 09/11/2020

You have at least 0.2 ha of land - Current outcome: OK as checked in the LPIS at 09/11/2020

You have corresponding payment rights - Current outcome: OK as checked in the entitlements registry at 09/11/2020

You will be monitored by an automated system where possible.

What to do next?
You can check the outcome on the different terms and conditions, and take action when shown, or
You can decide to withdraw with the contract, if you feel that you're not going to meet the commitments, or
You can print your contract for your own purposes, or
When PAYABLE you will see a PAY button allowing to look into details of the payable amount and accept it.

Accept T&C And Subscribe


For each possible intervention, the user can see the «Terms and Conditions», i.e. the requirements to access the fund, and their current status.

These requirements are checked through “indicators” calculated from several sources: Farmer Dossier, Geospatial application, LPIS and Entitlements registry.

If users want to express interest, they can subscribe and accept the terms and conditions

Click-and-pay portal (3/3)

SUBSCRIBED EXPRESSION OF INTEREST

 Farmers > My Expressions of Interest > BISS

0000000000000001 - Giuseppe Verdi

Logout

Contract Name: BISS
Contract ID: 36c93375-6aba-430f-a0e4-72fe3cfda9f4
Subscribed on: 22/9/2020
Status: WITHDRAWN
Overall Status: GREEN

Outcome by Parcel

Terms and Conditions
You shall ensure that your company data are updated in the Paying Agency's registries

You are an genuine farmer - Current outcome: OK as checked in the farmer registry at 09/11/2020
You declare your land use - Current outcome: OK as checked in the GSAA (Geospatial Application) at 09/11/2020
You will carry out agricultural activities - Current Outcome: OK as checked in the Area Monitoring System at 09/11/2020
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You can print your contract for your own purposes, or
When PAYABLE you will see a PAY button allowing to look into details of the payable amount and accept it.

Withdraw Contract

Print contract

Subscribed Eol are monitored and, if all requirements are met, the payment can be done.

When the Eol becomes "PAYABLE", the system displays an "Accept Payment" button.

Rule Engine



ELIGIBILITY RULES

Business Central Menu

Spaces > NIVA > Basic_Income_Support_Scheme > master

Basic_Income_Support_Scheme

Assets **4** Change Requests **0** Contributors **1** Metrics Settings

All

- Applicant Data Objects
- BISSDecisionTable Guided Decision Tables
- ContractBISS Data Objects
- CropPlan Data Objects

For each possible intervention, PA users can easily define the eligibility rules based on indicators (Decision Tables).

The interface is organized to allow “non-programmers” to do changes to rules. Changes can be even done in MS Excel.

The system takes care of versioning

BISSDecisionTable.gdst - Guided Decision Tables

Model Columns Overview Source Data Objects

BISSDecisionTable		f1 : Applicant		f2 : CropPlan	f3 : ContractBISS
#	Description	Is an Active Farmer?	Is a Genuine Farmer?	Is BISS MEA greater than ...?	PayableAmount
1		<input checked="" type="checkbox"/>	<input type="checkbox"/>	0.3	100

Pilot objectives



01. Reduction of burden for farmers

Execution of 100% application of the pilot area without errors.

02. Farmers involvement

Involvement of at least 45% of farmers in the pilot area

03. Reduction of administrative burden

Reduction of 45% the cost per application with click-and-pay, compared with existing analysis of application costs.

Single Member State Pilot Roadmap

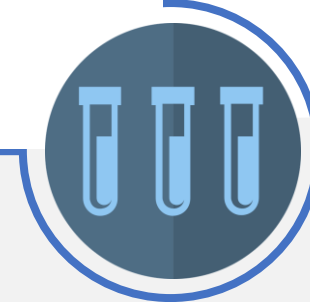
November 2020

Internal test
Target: Objective 01



May 2021

Large scale test
Target: Objective 03



**Stakeholders
involment**
Target: Objective 02

January 2021



Sample specs

700 applications selected among:

- Young farmers;
- 50-100 hectares;
- 100-200 hectares;
- Up to 200 hectares;
- Dossier with anomalies.

Multiple Member States Pilot: Requirements

01



IACS Integration requirements

- Area Monitoring system (incl. check GAEC 3 and GAEC 8).
- Farm dossier
- LPIS
- Entitlements Register

See *Interoperability endpoints* table in D2.3 for more details.

02



Skills requirements

Business analyst and programmers to implement the integration between existing IACS and click-and-pay components.

03



Sample extraction

- The sample shall contain data relevant for the eligibility criteria and cross-compliance checks defined for UC5b.
- To test objective n.3, the PA needs a cost analysis per application to compare with.

Multiple Member States Pilot: Roadmap

January 2021

Gathering of expression of interest from other NIVA MS or external MS.



Start multiple MS pilot

May 2021

A testing PA for UC5b hasn't already been defined.



We already received expressions of interest from three PAs outside NIVA to validate the pilot.

To involve these PAs, we need soon the definition of the engagement approach (WP6 - publication of Call or other direct engagement).

Any draft procedure or document for engaging external partners (External Financial Support) would be appreciated.

UC5b Knowledge Repositories

Repository	Description	References
NIVA Sharepoint	WP2/Use cases/UC5b folder contains documentation about all UC components: user stories description, architecture diagrams, KPI Register, roadmap, presentations, UML diagrams.	Link to UC5b folder
Git Lab	Contains source code and instruction for deploying and execute the UC5b 'click-and-pay' components.	Link to repositories https://gitlab.com/nivaeu/uc5b_seamless-claim-webapp https://gitlab.com/nivaeu/uc5b_seamless-claim-api https://gitlab.com/nivaeu/uc5b_payments-services-mock

THANK YOU



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