

UC1a DSS status update, 26 March 2021

✓ **Overall timeline and current status of the use case**

UC1a	2019					2020								2021								2022													
	M1 - Jun	M2 - Jul	M3 - Aug	M4 - Sept	M5 - Oct	M6 - Nov	M7 - Dec	M8 - Jan	M9 - Feb	M10 - Mar	M11 - Apr	M12 - May	M13 - Jun	M14 - Jul	M15 - Aug	M16 - Sept	M17 - Oct	M18 - Nov	M19 - Dec	M20 - Jan	M21 - Feb	M22 - Mar	M23 - Apr	M24 - May	M25 - Jun	M26 - Jul	M27 - Aug	M28 - Sept	M29 - Oct	M30 - Nov	M31 - Dec	M32 - Jan	M33 - Feb	M34 - Mar	M35 - Apr
	Inception - 1st Design					2nd Design				Development				Single MS testing - further Development				Multi MS testing - further Development				gradual integration of WP6 components outputs into UC1a DSS - Pan-European testing - further Development													



✓ **Component(s) already available, their version(s), reference to Gitlab**

A Decision Support System with 5 sub-components (Version 1) :

TYPE	NAME (Link to Description)
UI	Data Import
P-A	Business Rule Engine
P-A	Decision Engine
UI	Field Map (Geotag link)
API	Data Export

Source code is available in NIVA Gitlab repository (currently accessible only to NIVA partners) https://gitlab.com/nivaeu/uc1a_dss

Method for reporting actionable issues and bugs is via NIVA GitLab :

Issues related to UC1a to be registered at https://gitlab.com/nivaeu/uc1a_dss/-/issues

Issues related to the installation procedure (docker files) to be registered at https://gitlab.com/nivaeu/uc1a_docker/-/issues

The DSS exports decision results via a SOAP service. Description of the webservice is available at: <http://niva.opekepe.gr:8080/Niva/WebServices?WSDL>

Work on interconnecting the Geotagged Photos UC4a is already underway https://gitlab.com/nivaeu/uc1a_dss/-/issues/119 (under development RESTful API)

✓ **Further development and improvement plans**

While UC1a DSS is being tested in multi Member States, further development continues in Greece for fixing bugs and improving the processes.

Additionally, the WP6 subcontracting components are still under design (an open procurement is to be published soon) & orchestrator component.

Development and improvements of existing subcomponents are ongoing during 2021.

The interconnection with UC4a geotagged photos is still under development, expected API later in spring 2021. Information from secondary data (Geo-tagged photos) will be inserted directly in the decision engine and/or employed for the re-training of the EO crop classification engine (either SEN4CAP or subcontracted classifier components)

Further status updates about UC1a to be published in NIVA website.