

## BlueBRIDGE - Task #6101

Project WP # 654 (Closed): WP6 - Supporting Blue Economy: VREs Development [Months: 1-30]

Project Task # 656 (Closed): T6.2 Strategic Investment analysis and Scientific Planning/Alerting VRE [Months: 1-30]

Project Activity # 1633 (Closed): Blue Economy VRE#2 Software Implementation, Integration and Deployment (Stage 2)

### Geospatial Analytics & Alerting Platform Implementation (Stage 2)

Dec 01, 2016 02:53 PM - Dimitris Katris

<b>Status:</b>	Closed	<b>Start date:</b>	Oct 01, 2015
<b>Priority:</b>	High	<b>Due date:</b>	Aug 31, 2017
<b>Assignee:</b>	Dimitris Katris	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Sprint:</b>	WP06		
<b>Infrastructure:</b>	Development		
<b>Description</b>			
<b>Subtasks:</b>			
Task # 6103: Notify VRE users about the projects they are associated with			Closed
Task # 6104: Specify user access rights in projects			Closed
Task # 6107: Layer database table in geanalytics platform			Closed
Task # 6109: Use layer id to identify the layer that a shape belongs to			Closed
Task # 4665: Implement platform architectural abstractions			Closed
Task # 6110: Generic plugin mechanism implementation			Closed
Task # 6111: Provide the ability to inject custom import logic			Closed
Task # 6112: Use the plugin mechanism to offer geanalytic functions			Closed
Task # 6113: Administration UI to register custom plugins			Closed
Task # 6562: Implement caching mechanism for plugins			Closed
Task # 6734: Use the plugin mechanism to offer custom layer attribute visualization cap...			Closed
Task # 6121: Create Version table in geanalytics database			Closed
Task # 6182: Log method invocation and exceptions in geanalytics back end			Closed
Task # 6183: Log method invocation and exceptions in geanalytics portlets			Closed
Task # 6184: Properly handle and display errors in the geanalytics front end			Closed
Task # 6190: Geoanalytics admin search in layers			Closed
Task # 6191: Geoanalytics admin list users			Closed
Task # 6192: Geoanalytics admin UI refinements			Closed
Task # 6195: Parallel import into the geanalytics platform from the portlets			Closed
Task # 6196: Geoanalytics admin monitor import jobs			Closed
Task # 6197: Create a dedicated nuts importer to improve import performance			Closed
Task # 6200: Discover database instance through IS			Closed
Task # 6211: Installation and upgrade guidelines for the geanalytics platform			Closed
Task # 6212: Reorganize repository and projects structure			Closed
Task # 6216: Input validation in geanalytics administration portlet and service			Closed
Task # 6260: Allow punctuation characters in tsv import free text fields			Closed
Task # 6261: Refactor the database tables shapeterm and taxonomytermshape			Closed
Task # 6263: Use the newer version of open layers in administration portlet			Closed
Task # 6264: Revise the delete layer administration method			Closed
Task # 6266: Rollback import if an action fails			Closed
Task # 6287: Improve tsv import implementation			Closed
Task # 2001: Implement Geospatial Analytics Model Configuration & Management Logic			Closed
Task # 6317: Improve geanalytics UI responsiveness			Closed
Task # 6324: Define geocode systems as an entity of the platform			Closed

Task # 6334: Implement a sample geospatial function	Closed
Task # 6336: Handle errors and display appropriate messages to users if an error occurs	Closed
Task # 1999: Implement generic data access model of Geopolis	Closed
Task # 1992: Logical Layer Broker & Manager development	Closed
Task # 1993: Logical Layer Broker development	Closed
Task # 1994: Logical Layer Manager Development	Closed
Task # 6491: Provide additional information in wfs import	Closed
Task # 6755: Implement shape file importer in geoanalytics platform	Closed
Task # 6757: Specify bounding box in which a geoanalytics function will be executed	Closed
Task # 6847: Add layer style management in the geoanalytics platform	Closed
Task # 6983: Offer layer tagging feature to the geoanalytics platform	Closed
Task # 7144: Add support for raster layers from GeoTiff files	Closed
Task # 7542: Offer support for layers residing to external or infrastructure geoservers	Closed
Task # 7543: Expose wfs endpoint in the geoanalytics platform	Closed
Task # 6323: Support grouping of layers that present same info with different detail level	Closed
Task # 2000: Implement virtual layer configuration & management logic	Closed
Task # 7547: Improve and generalize CSV/TSV importer	Closed
Task # 7990: Add the ability to import template layers in the shapefile importer	Closed
Task # 7991: Distributed execution of investment opportunity evaluation algorithms	Closed
Task # 7994: Map the area to explore for optimal investment opportunity evaluation in s...	Closed
Task # 7996: Store the result of a distributed algorithm execution in the geoanalytics ...	Closed
Task # 1946: Analyze Apache Spark utilization options	Closed
Task # 1419: Implement Apache Spark abstractions for execution of customer code	Closed
Task # 7545: Implement an exhaustive map exploration algorithm that executes a fitness ...	Closed
Task # 8794: Implement a probabilistic map exploration algorithm (simulated annealing) ...	Closed
Task # 8985: Arbitrary layers that prevent the construction of an aquafarm in investmen...	Closed
Task # 9981: Use the mesos spark cluster in order to execute geoanalytics functions	Closed
Task # 10887: Allow parallel execution of spark jobs in the mesos cluster with dynamic ...	Closed
Task # 8795: Implement a mechanism that provides the status of the execution of a function	Closed
Task # 8853: Extend the geoanalytics UI to show the functions' execution status	Closed
Task # 8906: Reform the Geoanalytics backend to support asynchronous executions	Closed
Task # 8796: Make layer attribute visualization configurable	Closed
Task # 9446: Export layers as shapefiles from geoanalytics admin portlet	Closed
Task # 9586: Support multiple attribute values as a result of a function	Closed
Task # 9587: Offer style selection in the geoanalytics functions UI	Closed
Task # 9849: Explicit layer publishing/unpublishing from geonetwork	Closed
Task # 9852: Reconnect geospatial cluster node after network issues	Closed
Task # 9974: Add support for public projects in geoanalytics	Closed
Task # 9976: Add search support in layer selection at project creation in geoanalytics ...	Closed
Task # 10886: Allow importing of huge shapefiles in the geoanalytics platform	Closed

## History

### #1 - Dec 02, 2016 10:49 AM - Dimitris Katris

- Start date changed from Jun 06, 2016 to Dec 01, 2016

- Due date changed from Mar 31, 2017 to Dec 02, 2016

due to changes in a related task

### #2 - Dec 13, 2016 04:25 PM - Dimitris Katris

- Due date set to Dec 13, 2016

due to changes in a related task

**#3 - Mar 16, 2017 11:51 AM - Dimitris Katris**

- *Due date changed from Sep 30, 2017 to Aug 31, 2017*

due to changes in a related task

**#4 - Mar 05, 2018 10:57 AM - Dimitris Katris**

- *Status changed from New to Closed*

- *Infrastructure Development added*

The final version of the geanalytics platform has been delivered offering all the required features that capture the needs of the VREs that it has been used