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Project Title	*Data e-Infrastructure Initiative for Fisheries Management and Conservation of Marine Living Resources*
Project Number	*283644*
Deliverable Title	*Applications and Tools Development Plan*
Deliverable No.	*D6.2*
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__Abstract__: This report documents the strategy and plan leading to the development of specific applications and tools that in tandem with the rest of gCube technology will be used to realize the Virtual Research Environments that are expected to serve the needs of the Ecosystem Approach Community of Practice.

DOCUMENT INFORMATION

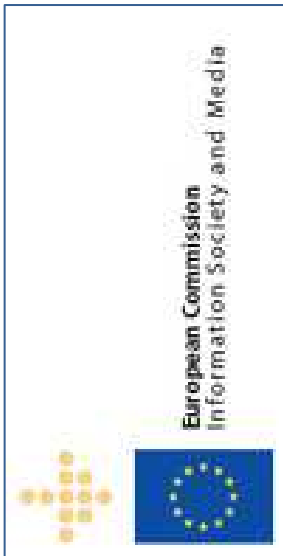| PROJECT	
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DISCLAIMER

iMarine (RI – 283644) is a Research Infrastructures Combination of Collaborative Project and Coordination and Support Action (CP-CSA) co-funded by the European Commission under the Capacities Programme, Framework Programme Seven (FP7).

The goal of iMarine*, Data e-Infrastructure Initiative for Fisheries Management and Conservation of Marine Living Resources*, is to establish and operate a data infrastructure supporting the principles of the Ecosystem Approach to Fisheries Management and Conservation of Marine Living Resources and to facilitate the emergence of a unified Ecosystem Approach Community of Practice (EA-CoP).

This document contains information on iMarine core activities, findings and outcomes and it may also contain contributions from distinguished experts who contribute as iMarine Board members. Any reference to content in this document should clearly indicate the authors, source, organisation and publication date.

The document has been produced with the funding of the European Commission. The content of this publication is the sole responsibility of the iMarine Consortium and its experts, and it cannot be considered to reflect the views of the European Commission. The authors of this document have taken any available measure in order for its content to be accurate, consistent and lawful. However, neither the project consortium as a whole nor the individual partners that implicitly or explicitly participated the creation and publication of this document hold any sort of responsibility that might occur as a result of using its content.

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DELIVERABLE SUMMARY

*D6.2 'Applications and Tools Development Plan' details the development plan for community applications, data sources porting, tools, and user interfaces required for the iMarine Data e-Infrastructure Virtual Research Environments that serve the needs of the Ecosystem Approach Community of Practice. Actually, the deliverable captures the development activities that are not in the scope of the rest of RTD activities (WP8, WP9, WP10 and WP11) since WP6 development activities are more close to the Virtual Research Environment needs. This deliverable is a **living document**, i.e. it is implemented by relying on a Wiki and a set of TRAC tickets which enable participants to make updates, refinements, improvements and to monitor the plan throughout the project life-span. In particular, the Wiki page initially created for the needs of D6.1 Virtual Research Environments Plan [1] has been enriched with the 'Development Phase' section:*

http://wiki.i-marine.eu/index.php/Virtual_Research_Environments_Deployment_and_Operation:_Plan

The plan is expected to evolve for the entire duration of the project. New community tools will be described and discussed, and existing community tools will be subject to change and review. At a later stage, delivered community tools will also be validated and commented.

Overall, this deliverable depends from the activities performed in the context of WP3 'Governance and Policy Development'. In fact, the planned development tasks will be driven by the needs and priorities defined by Community of Practice members while discussing the objectives and goals of the envisaged data infrastructure.

No further releases of this report are planned. However, the Wiki page and the set of TRAC tickets implementing it will evolve following the trend of the activity the deliverable is conceived to document, i.e. the creation and management of community tools, specifically where these are delivered through VREs, as well as the activities of the Ecosystem Approach Community of Practice that during the project operation will raise additional requirements and comments guiding the shaping of the service offered through the iMarine Virtual Research Environments.

REFERENCES

[1]   L. Candela, P. Pagano. *Virtual Research Environments Plan.* iMarine D6.1 Project Deliverable. January 2012