

## IABIN PATN Semester Report January-June 2010

### ***Summary of the PATN milestones and achievements in the first quarter of the IABIN project execution:***

Activities in the period of January – June 2010 of the IABIN PATN project execution focused on the improvement protected areas (PA) data contained in the PATN database as well as the development of standards, protocols and tools for data management and update. Activities also focused on optimising and promoting access and exchange of protected areas data through the development and promotion of the new PATN web portal and database as well as through the development of a data management generic tool and web service.

The following activities were undertaken by the PATN during this period:

### ***Activity 1.3: Review of the IABIN PATN data structure and data management standards and protocols***

The PATN has produced a review of the PATN data structure and the PATN data management standards and protocols, which was proposed by the previous PATN Coordination institution. Based on this review, the new IABIN Protected Areas Thematic Network data submission standards, minimum data fields and metadata standards were developed. Those aim to be comprehensive, practical and to standardise the information collected on protected areas. Achieving a common standard to allow the sharing of protected areas data is a key principle of the IABIN PATN and the WDPA, with the ultimate aim of compiling a regionally and globally complete and accurate dataset for protected areas.

### ***Activity 1.4: Generate and update the PATN database***

The PATN is currently developing and updating a PATN database, which will allow users to query and download data according to their particular site on areas of interest and also provides a mechanism where authorized data providers can submit information. This can be made by uploading their protected areas dataset on line, by ftp or automatically via web service.

**Note: this activity will be finalised by Month 12.**

### ***Activity 1.5: Develop an IABIN PATN Web Service***

In order to facilitate the exchange of data between the PATN's and other protected areas databases, the PATN is currently developing, in partnership with the Ministry of Environment of Brazil; a web service that will be used to link the PATN database and WDPA to countries protected areas databases.

**Note: this activity will be finalised by Month 7**

***Activity 1.6: Develop and deploy a PATN data management generic tool***

The PATN is currently working on the production of a generic data management tool which will be provided to those IABIN countries who express their interest in adopting it as their official data management tool. In order to help countries to adapt the tool to their specific needs and to be able to use it, the PATN will produce manuals specifying the technical requirements for installation and use of the tool, as well as describing the procedures in case adaptation is required.

**Note: this activity will be finalised by Month 7**

***Activity 2.4: Redevelopment of IABIN PATN Web Portal***

A new and interactive PATN web portal has been developed by adapting the WDPA interface into the PATN context. The PATN web portal is accessible at [www.iabinpatn.org](http://www.iabinpatn.org)

By building on the WDPA technology, the PATN Portal allows users to explore and visualize protected areas through our map viewers as well as to download various data formats and statistics maps. In the upcoming months, this portal will be improved to allow authorized data providers to upload their protected areas data. Relevant materials and publications related to the PATN have been made available through this portal allowing users to obtain further information on the network and its activities

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