

### Milestone MS3.3: Expert workshop on “Development and implementation of QC tools for data submission”

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Work package no	<b>WP3</b>
Deliverable no.	<b>MS3.3</b>
Lead beneficiary	<b>NILU</b>
Deliverable type	<input type="checkbox"/> R (Document, report) <input checked="" type="checkbox"/> DEC (Websites, patent filings, videos, etc.) <input type="checkbox"/> OTHER: please specify .....
Dissemination level	<input checked="" type="checkbox"/> PU (public) <input type="checkbox"/> CO (confidential, only for members of the Consortium, incl Commission)
Estimated delivery date	<b>Month 12</b>
Actual delivery date	<b>26/04/2016</b>
Version	
Comments	

### **Expert workshop held in Athens, 10 November 2015 for development of QC tools for data submission**

In order to make the data submission procedure faster and more traceable for the data submitters, The EBAS Data Submission Tool has been developed during ACTRIS-2 as a part of the EBAS data centre. This is a part of Deliverable D10.6, due M20. The first version of the tool is already accessible at <http://ebas-submit-tool.nilu.no/> . It is designed to give the data submitters direct feedback on the formatted NASA Ames files and to upload files through online data submission.

A prototype version of the tool was presented at the ACTRIS-2 WP3 expert WS in Athens 10 November 2016, and discussed to compile first feedback. A consultation group of data submitters was established, volunteering on request at ACTRIS WP3. The group has tested the tool in detail and provided valuable feedback on errors in - and functionalities of - the tool. The groups has gradually been extended to cover various types of data originators and variables. The first version of the tool is now ready and implemented, <http://ebas-submit-tool.nilu.no/> for the submission of data 2015 data.

The EBAS Data Submission Tool is directly connected to the scripts and routines used for format checking in the EBAS database, and has in addition a built-in functionality for online data submission of correct formatted files by ftp to the data centre. The tool supports all measurement principles registered in the EBAS portal, and with online formatting templates available at <http://ebas-submit.nilu.no/> and <http://www.gaw-wdca.org/SubmitData.aspx>

The tool facilitates the shift in work at the EBAS data centre from currently being concentrated around manual file handling and close follow-up of the users, towards a more user oriented data submission procedure.