

Evaluation and management of arsenic contamination in agricultural soil and water - AgriAs

Deliverable 7.6 Progress Review Report by the Advisory Board

Title of the project:	Evaluation and management of arsenic contamination in agricultural soil and water - AgriAs
Funding Scheme:	Water JPI Joint Call, ERA-NET Cofund WaterWorks2015
Start date:	01.04.2017
Duration:	24 months – extended to 31.12.2019
Document title:	Deliverable 7.6 Progress review report by the Advisory Board
Work Package:	WP7
Lead partner:	GTK
Authors:	Sirpa Kurppa, Natural Resources Institute Finland (Luke); Ingo Müller, Saxon State Office for Environment, Agriculture and Geology (LfULG), Germany; Jose Miguel Nieto, Department of Earth Sciences, University of Huelva, Spain; Grzegorz Siebielec, Institute of Soil Science and Plant Cultivation of Poland (IUNG); Jose Solis, National University of Engineering, Lima, Peru; Teodóra Szócs, Mining and Geological Survey of Hungary
Corresponding author:	Ingo Müller (LfULG); ingo.mueller@smul.sachsen.de
Date of delivery:	12.12.2019
Dissemination level:	Confidential, Public Summary
Status of the document:	Final Version
Document location:	Intranet folder: AgriAs/Deliverables/WP7
Project web site:	http://projects.gtk.fi/AgriAs/index.html

Public Summary

Sirpa Kurppa, Ingo Müller, Jose Miguel Nieto, Grzegorz Siebielec, Jose Solis, Teodóra Szőcs (members of the Advisory Board), 2019. Progress review report on the AgriAs project by the Advisory Board – AgriAs Deliverable D7.6/WP7, 10 pages, 0 figures, 0 tables, 2 appendices.

The Advisory Board had the opportunity to follow the AgriAs project very closely by getting involved in all project meetings with access to all deliverables as well as progress and dissemination status. The Advisory Board's opinion was always acknowledged by the AgriAs consortium. All inputs, comments and opinion expressed by the Advisory Board were reviewed carefully and integrated into the AgriAs project and deliverables wherever possible taking account of the timeframe of the project and its available resources.

The AgriAs project was efficiently managed and carried out by a well-balanced, scientific consortium. All objectives were achieved and completed mostly on time. Minor deviations from the schedule were justified and have been correctly communicated and documented. The AgriAs project management team, both scientific and administrative, was very professional, activating the potential of all members of the project team, indicating any challenges at a very early stage, designing constructive ideas to work on upcoming issues and getting solutions implemented while addressing both progress and quality of the deliverables as well.

Within the two year time frame of the AgriAs project, the issue of arsenic in soil and water was addressed in a balanced manner by focussing on the following relevant topics:

- Summarizing data on arsenic concentration in water, soil and food
- Developing and applying tools for assessing environmental quality and risk
- Summarizing available technology to remove arsenic from water and its technological and economic feasibility –the same for treating arsenic in agricultural soil using amendments
- Optimising and demonstrating convincing removal and treatment technologies
- Collecting, amending and adding recommendations and guidelines for the sustainable management of water and soil containing arsenic and the risks originating from the impact of arsenic

All deliverables were compiled as a science-based full account. The AgriAs project was extended to the end of 2019 in order to continue dissemination and finalise the final and the Layman's reports both summarising the main results detailed in the deliverable reports. Besides delivering results, AgriAs identified and addressed knowledge gaps and identified topics for future research and international collaboration. The Advisory Board compliments the whole AgriAs project team on their results and is looking forward to read the upcoming international publications based on the final results of the project.