D.T3.4.3.

SIMONA tool beta version test report template

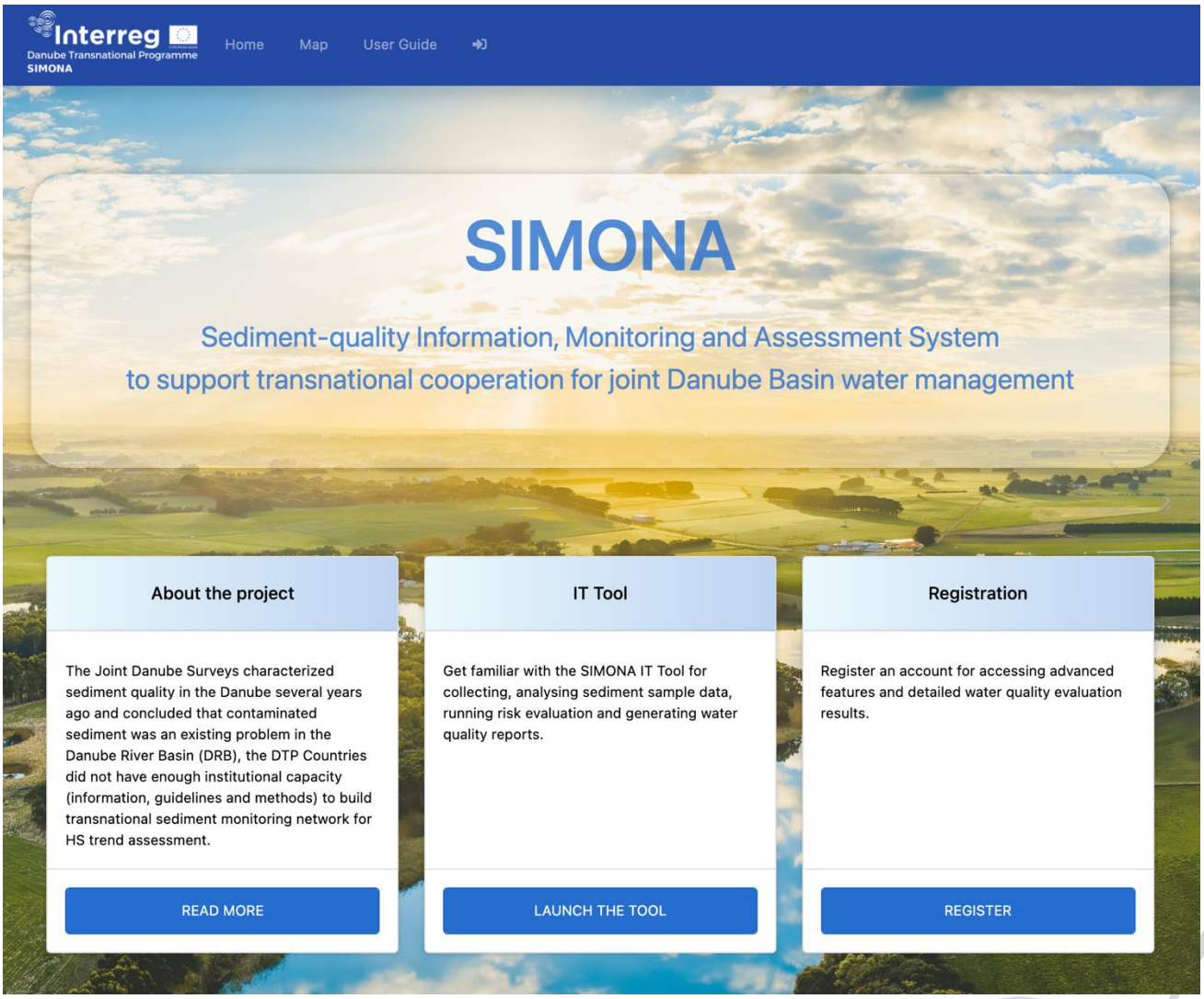

Figure 1 Welcome screen of the SIMONA IT Tool

PROJECT TITLE	Sediment-quality Information, Monitoring and Assessment System to support transnational cooperation for joint Danube Basin water management
ACRONYM	SIMONA
PROJECT DURATION	1st June 2018 to 30th Nov 2021, 36 months

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For further information on the project, partnership and the Danube Transnational Programme:

www.interreg-danube.eu/simona

FIND SIMONA PROTOCOLS ON THE WEBSITE!

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Table of Contents

1. SUMMARY

The SIMONA-Tool IT application is a web application for collecting, analysing sediment sample data, running risk evaluation and generating water quality reports. The software has been launched for beta testing and access has been given to a selected group of test users.

2. ANNEX – TEST REPORT TEMPLATE

2.1. Overview

This document is intended to be used for collecting user feedbacks during the SIMONA-Tool IT application's beta testing period. Each test scenario covers one of the main features of the system.

2.2. General Details

Name *Full name of the person testing the system*	
Organisation *Company name*	
Date *Date when the test was carried out*	
Device *Description of the device (mobile/table/desktop)*	
Browser *Name (preferably with version) of the browser in use*	

2.3. Test Scenarios

2.3.1 Browsing publicly available data

Scenario no.	1
Name	Browsing publicly available data
Description	Browsing water quality monitoring sites and getting an overview of the latest water quality status
Instructions	Use the features on the user interface to navigate and access publicly available information: 1. Use the address search tool to navigate on the map 2. Search for monitoring site using the search tool on the bottom panel (e.g., HU101845839) See: https://simona.geonardo.com/user-guide#browsing-publicly-available-data
Feedback	
Bug report	

2.3.2 Monitoring site details

Scenario no.	2
Name	Monitoring site details
Description	Accessing general information about a specific monitoring site along with water quality status analysis, site observations, sediment samplings as well as laboratory results.
Instructions	1. Target a surface water monitoring site on the map (e.g., HU101845839) and open its details from the summary popup. 2. Check the water quality status against different quality standards (*Overview*) 3. Check the linked Eionet resources on *General details* 4. List site observations and read their details (*Site observations*) 5. List sediment samplings and read their details (*Sediment samplings*) 6. Check existing *Laboratory results* See: https://simona.geonardo.com/user-guide#monitoring-site-details
Feedback	
Bug report	

2.3.3 Recording monitoring site observation data

Scenario no.	3
Name	Recording monitoring site observation data
Description	Usage of the Site Observation dialog to store details about the monitoring site as it would happen during a site inspection.
Instructions	1. Open *Monitoring Site Details* dialog for a selected monitoring site (e.g., HU101845839) 2. Navigate to *Site Observations* tab 3. Click on *Add new site observation* button 4. Fill in the form in the sections of hydromorphology, hydrography, water quality, physiography, and other site-specific features 5. Upload documents associated to the observation See: https://simona.geonardo.com/user-guide#recording-monitoring-site-observation-data
Feedback	
Bug report	

2.3.4 Submitting sediment sample data

Scenario no.	4
Name	Submitting sediment sample data
Description	Usage of the Observation dialog for storing details about a sediment sampling event and registering sample information.
Instructions	1. Open *Monitoring Site Details* dialog for a selected monitoring site (e.g., HU101845839) 2. Navigate to *Sediment Samplings* tab 3. Click on *Add new observation* button 4. Fill in the form in weather, water, and sediment conditions sections 5. Upload document associated to the observation 6. Open the details panel on the observation's record by clicking on the small triangle on the left-hand side 7. On the sample grid click on the plus sign to add new sample. 8. Fill in the sample details and save it. See: https://simona.geonardo.com/user-guide#submitting-sediment-sample-data
Feedback	
Bug report	

2.3.5 Uploading laboratory results

Scenario no.	5
Name	Uploading laboratory results
Description	Workflow of collecting and registering substance concentration data.
Instructions	1. Open *Monitoring Site Details* dialog for a selected monitoring site (e.g., HU101845839) 2. Navigate to *Laboratory Results* tab 3. Download the Laboratory results template 4. Replace the sample data with test data in the downloaded spreadsheet following the predefined scheme and save it 5. Use the drop zone on the dialog to upload the prepared test data 6. Check the existence of the newly uploaded data in the grid See: https://simona.geonardo.com/user-guide#uploading-laboratory-results
Feedback	
Bug report	

2.3.6 Data analysis

Scenario no.	6
Name	Data analysis
Description	Running quick risk evaluation against a single substance over a selected time period
Instructions	1. Open *Monitoring Site Details* dialog for a selected monitoring site (e.g., HU101845839) 2. Navigate to *Assessment* tab 3. Specify start and end date of the time period for the risk assessment (e.g., 2008 – 2021) 4. Search for a specific substance by its name or CAS identifier (e.g., CAS_7440-38-2) 5. Set up the QS concentration value See: https://simona.geonardo.com/user-guide#data-analysis
Feedback	
Bug report	

2.3.7 Exporting WISE compatible reports

Scenario no.	7
Name	Exporting WISE compatible reports
Description	Generating water quality status report of a specific monitoring site.
Instructions	1. Search for monitoring site (e.g., HU101845839) 2. Open the summary popup by clicking its marker on the map 3. Click on the *Report* button See: https://simona.geonardo.com/user-guide#exporting-wise-compatible-reports
Feedback	
Bug report	

2.3.8 Add new monitoring site

Scenario no.	8
Name	Add new monitoring site
Description	Creating new monitoring site that is not yet existing in the WISE database
Instructions	1. Click on a location on the map where there is no marker displayed 2. Select Add new monitoring site 3. Enter monitoring site name and save it. See: https://simona.geonardo.com/user-guide#add-new-monitoring-site
Feedback	
Bug report	

2.3.9 Manage quality standards

Scenario no.	9
Name	Manage quality standards
Description	Creating of updating quality standards and adjusting QS values.
Instructions	1. On the left-hand side panel open the *Quality standard* section 2. Click on *Manage* 3. On the *Quality Standard Manager* click on *Add new quality standard* 4. Enter the name and description of the quality standard along with its scope 5. Open the details panel on the standard's record by clicking on the small triangle on the left-hand side 6. On the QS grid click on the plus sign to add new threshold 7. Search for a specific substance by its name or CAS identifier 8. Specify the threshold in the selected unit of measure and save it See: https://simona.geonardo.com/user-guide#manage-quality-standards
Feedback	
Bug report	