

# Request for Proposals - Consultancy

Consultancy “Develop land use planning and mapping through GIS based spatial analysis”

Applications deadline: 21.04.2021

**RFP n#:** 2021-03-SA-ATLA  
**Location:** Turkey  
**Start date:** May 2021  
**End date:** October 2021  
**BCI key contact:** Gregory Jean  
Standards & Assurance  
Team  
[tender@bettercotton.org](mailto:tender@bettercotton.org)



All applications must be sent by email, to BCI's key contact, with the subject header: “Application RFP - Develop land use planning and mapping through GIS based spatial analysis” – RFP n# 2021-03-SA-ATLA.

Questions, requests and applications sent after the deadline (21.04.2021) will not be considered.

## Description

The Better Cotton Initiative (BCI) — the largest cotton sustainability programme in the world — aims to reach 5 million farmers worldwide with more sustainable agricultural practices, and account for 30% of global cotton production by the end of the 2020-2021 cotton season. In less than 10 years, the Better Cotton Initiative and its Partners have supported over 2.3 million farmers in 23 countries in adopting more sustainable agricultural practices. Thanks to these efforts, Better Cotton accounts for around 22% of global cotton production. We are truly a joint effort, encompassing stakeholders all the way from farms to fashion brands and civil society organisations, driving the cotton sector toward sustainability. BCI aims to transform cotton production worldwide by developing Better Cotton as a sustainable mainstream commodity.

BCI is seeking proposals from skilled individuals or organisations interested in conducting spatial analysis through GIS methodology to provide a landscape level baseline against which to report change/impact on BCI Principle 2 – Water Stewardship, both in agricultural landscape and in areas of high conservation value. This work will be done in close collaboration with BCI, WWF Turkey and the global consultant hired in the framework of the ATLA Project, that will assist BCI firstly by exploring and subsequently by adapting the BCI standard system to the landscape approach. BCI is aware of what needs to change in order to reach adaptation, however there is still a need to assess how the BCSS (Better Cotton Standards System) should evolve to accommodate such transformation.

The general objectives for a GIS analysis in the region are:

1. Spatial analysis of current land use to understand how this has an impact on water and soil quality;
2. Analysis of current status (and baseline for future monitoring) of soil conservation & management;
3. Analysis of current patterns (and baseline for future monitoring) of water use for irrigation (ideally combining information based on imagery with data from the state hydraulic department/agency);
4. Baseline for monitoring the health of the Lake Bafa and B. Menderes Delta wetland ecosystems (presumably combined with ground survey), thereby contributing to ecosystem services analysis and to planning of restoration activities;

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5. Review historic imagery with a view to tracking historic change in resource status (field moisture content, water levels in drainage channels, tree cover) and trends in land use over time. Linked to this point, explore potential role for GIS as a tool to help communicate with and influence the Regional Development Agency and perhaps other stakeholders.

All the data collected will serve to create baseline information and get clear understanding of how farming activities are affecting/being affected by time. More details can be found under Annex 1\_ToR document.

The budget for this piece of work is of CHF 11'000.-

In addition to skills, competencies and expertise, BCI will consider value for money and demonstrable commitment to the sustainability field to evaluate applications.

## High-level Timeline

<b>April 2021</b>	Applications deadline: 21.04.2021 All applications must be submitted by email, headed “Application RFP - Develop land use planning and mapping through GIS based spatial analysis” – RFP n. 2021-03-SA-ATLA addressed to Gregory Jean at <a href="mailto:tender@bettercotton.org">tender@bettercotton.org</a> .
<b>April-May 2021</b>	Applications review & shortlisting / Interviews
<b>By Mid-May 2021</b>	The successful applicant will be notified. Unsuccessful shortlisted applicants will also be notified.
<b>May 2021</b>	<b>Start of the consultancy</b>
<b>By 15<sup>th</sup> June 2021</b>	<b>Deliverable I</b> Management of points of interest and classification (pollution points, protected areas, discharge places, etc)
<b>By 30<sup>th</sup> August 2021</b>	<b>Deliverable II</b> GIS maps (multi layer with at least: river channels, plots, points of interest, base maps, weather, DEM, aspect, slope, land use, among others)
<b>By 1<sup>st</sup> October</b>	<b>Deliverable III</b> Satellite imagery (both true color imagery and multi spectral indexes, NDVI, NDWI, among others) and statistics
<b>By 15<sup>th</sup> October 2021</b>	<b>Deliverable IV</b> Reports on stats and alerts
<b>By 15<sup>th</sup> October 2021</b>	<b>Final report / deliverables</b> Dashboards with specific KPIs

We thank all applicants for their interest; however only shortlisted applicants will be contacted.

BCI is committed to good practice and transparency in the management of natural, human and financial resources. All applications will be reviewed under the principles and subject to BCI's policies on equal opportunity, non-discrimination, anti-bribery & corruption and conflict of interest.