

## Consultancy Announcement: National Project Preparation Experts:

Reducing uses and releases of chemicals of concern, including POPs, in the textiles sector (GEF ID 10523)

### Introduction

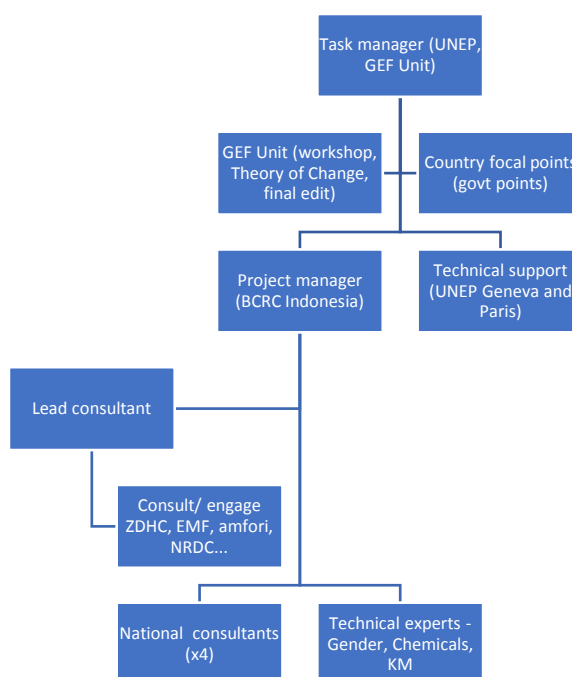
The objective of this project is significant and documented reductions in use, releases and exposure to chemicals of concern (CoCs) including POPs in the textiles sector in selected countries (Bangladesh, Indonesia, Pakistan, and Viet Nam).

The project consists of the four following components:

- Component 1, Information sharing and eco-innovation pilots on priority CoCs including POPs in textiles facilities: The component will deliver Global Environmental Benefits (GEBs) by interventions in hundreds of textile mills and facilities, focusing on the parts of the supply chain that are the heaviest users of CoC and POPs.
- Component 2, Eco-innovative strategies towards a non-toxic circular textiles economy: This component will support the private sector shift to alternatives to POPs and other priority CoCs, scaling up approaches identified in component 1. Beyond that, it will go towards a non-toxic circular economy approach in the textile sector and inform both government and corporate policy development at the national, regional and global level.
- Component 3, Knowledge management for scaling; This component aims to ensure that project results are sustained and scaled at national and global levels. It is delivered as a global component together with a sister project in Africa implemented by UNIDO.
- Component 4, Monitoring & Evaluation: This component will promote sustainability of results by establishing good governance principles. Furthermore, it will contribute to knowledge management by systematically assessing successes and generating actionable lessons from project activities.

Currently, the project is in the PPG (Project Preparation Grant) phase where funding has been approved for the further preparation of this full-sized project. This preparation includes the collection of additional baseline information that will partially be provided by the national experts for each of the participating countries.

Below is the organogram showing all involved in the development of this project. The national consultants will be supervised by a lead consultant (global) and their work will be supported by technical experts.



## Scope of work

Outline of baseline research to be completed and reported by the National Expert(s):

Chemical use and management	Mapping and engagement of chemicals manufacturers/ importers/ distributors who supply the textile industry
	Compile data and statistics on import and use of chemicals of concern in the textile value chains (imports/ trade, chemical associations, Stockholm Convention/ Rotterdam Convention data). List of trade names of the PFOS, HBCD, etc
	Identify facilities using POPs, or large quantities of other chemicals of concern, and their role in the textile value chain (eg chemical formulators, spinning, dyeing, etc) Identify key categories of textile products and/or functionalities that use POPs and CoC; Quantify/ scope the gaps and needs (in information availability; in knowledge of and availability of safety data information provided; in substitution availability; etc)
	Describe data management systems for tracking distribution and use of specific CoC Describe provision of safety data on chemicals to clients and those handling chemicals by chemical suppliers (formal and informal)
Textile sector and facilities assessment	Textile sector description in the whole country overall (no and type of companies, contribution to national economy, etc – should be brief) <ul style="list-style-type: none"> <li>- Economic profile of the country (exports), imports of fabrics where relevant</li> <li>- Identification and engagement of textiles industrial and workers associations</li> </ul>
	Existing related baseline activities on sound chemical management in textiles <ul style="list-style-type: none"> <li>- Sustainable eco-labels, products, and factories (membership of voluntary industry initiatives)</li> <li>- Existing national initiatives on fashion/ textiles/ standards/ water air, land pollution Partnerships and incremental costs (e.g. Vietnam – Race to the Top, GIZ projects, ILO, national industrial associations..)</li> <li>- Existing chemical and environmental management programmes by specific brands/ companies/ facilities</li> <li>- Existing requirements from the legislation and the government regulations or policies, export measures.</li> <li>- Examples of eco-innovation, non-toxic circular economy initiatives for the textiles sector– e.g. offer of NCPCs</li> </ul>
	Zoom in on priority parts of the value chain with significant chemical use: based on priority products or processes, or where facilities are actively taking action e.g. are participating in above baseline chemical management activities <ul style="list-style-type: none"> <li>- identify how many facilities there are and their main activities in the chain (eg spinning, dyeing, sewing...)</li> <li>- how many workers, locations, etc</li> <li>- Key brands sourcing from these priority sectors in the country</li> <li>- Level of knowledge and adoption of sound management of chemicals within this sub sector</li> </ul>
	Specific facilities: Site visits to priority project facilities confirmed to be using CoC. <i>(To be done also with inputs from gender and chemicals experts)</i> Include some that are typical beneficiaries (poor chemical management currently) and some that are already well managing chemicals (e.g. receiving assistance from ZDHC or other scheme members) <ul style="list-style-type: none"> <li>- GPS coordinates, products made, production levels, workers (m/f), impact of COVID</li> <li>- Evidence of POPs or other CoC used, for which purpose / fulfill which function, and conditions of use/ storage/ safety</li> <li>- Use of databases and IT to manage chemical procurement, inventory, stock management</li> <li>- Social profile / gender – % of female supervisors in the long listed factories; use of 'dailies'; % of workers on short term contracts; occupational accidents reporting and number related to chemicals.</li> </ul>

	<ul style="list-style-type: none"> <li>- Permitting and registration with authorities – what kinds of permits, inspections, authorizations do they have, regular reports provided (for all issues, not only chemical or environmental); identification of challenges (e.g. multiple and different audits to be made for different buyers or authorities)</li> <li>- Long list of factories to be potential beneficiaries of project , including willingness, motivation to participate</li> </ul>
National policies and permitting contexts	Review information from relevant national and regional plans, policies, trade agreements including NIP, NIP updates, Stockholm Convention national reports, and related chemicals covered by these instruments. Identify chemicals data availability and gaps. (Bangladesh adoption of the new POPs) Review of the internal processes and mechanisms for reporting to MEAs at the national level
	Environmental pollution monitoring data – track back sources of pollution. Highlight international water bodies that are the subject of common policy or agreements with neighbouring countries e.g. regional seas conventions – COBSEA <sup>1</sup> and SAS (IW focal area projects in the countries)
	Undertake a gap analysis of the current national legislations and monitoring/enforcement capacities including pollution control/ permitting regimes for textile factories (e.g. emission limits and monitoring) PRTR / envt permits - are there requirements for chemical inventory and safety/OSH
	Examine the institutional capacity and needs for environment and labour inspection authorities to successfully manage use of chemicals in textile sector
	Policy and regulation - circular economy, sustainable textiles, eco-innovation policies and methodologies available or trialled in the country; Plans for policies stimulating economic recovery after COVID-19 that affect the textile sector
Gender/ climate review	Following guidance from a regional expert on gender/ social issues: Analysis of gender mainstreaming issues (chemical safety issues but also review wider and well-established gender issues and initiatives in the industry around workplace rights, violence and access to training and jobs) - integration with technical components Analysis of COVID impacts on the areas of the textiles sector to be targeted by the project (e.g. where CoC are used); and particularly on jobs and gender aspects
	Following guidance from a regional expert on climate risk assessment: Climate risk analysis and review of relevant documents and scenarios for the country
Alternatives scenario	Review of UNEP global roadmap for non-toxic circular textile value chain (including recommendations for actions) and assessment of relevance and applicability at national level Determine the type of textile relevant for the country, and the stages of the textile value chain requiring action., that will bring the highest Global Environmental Benefits. Consultations with national stakeholders on chemicals and circularity in the textile sector & stakeholder engagement plan Proposals for scaling up existing good practice and stakeholders to mobilise with roles and responsibilities Budget and workplan (national) Obtain co-finance letters

## Deliverables

Deliverables	Due date	Payment
Meetings with national stakeholders	Oct/Nov 2020 May 2021	
Report - Chemical use and management	Nov 2020	

<sup>1</sup> <https://www.unenvironment.org/cobsea/what-we-do>

Report - National policies and permitting contexts	Dec 2020	
Gender analysis and climate risk assessment	Dec 2020	
Report - Textile sector and facilities assessment	Jan 2020	
Alternative Scenario – Draft national budget, workplan and institutional arrangement	Mar 2021	
Co-Finance letters (with country focal points/ Regional EA)	May 2021	

### **Person specification**

Education: Advance University Degree in Environmental Sciences, Environmental Engineering or related fields

Work experience: 5 years of experience in the fields of chemicals and wastes, experience in Asia and in the textile sector.

Language: English required

Last date for submission of CV: 20<sup>th</sup> January 2021

Emails IDs for submission of CV: [antonpurnomo@gmail.com](mailto:antonpurnomo@gmail.com), [secretariat@rc-sea.org](mailto:secretariat@rc-sea.org)