



Welcome, you have just landed on the two-pager dedicated to Bio4HUMAN - a pivotal Horizon Europe-funded initiative focusing on the solving of solid waste management challenges in humanitarian settings. This document outlines the objectives of the project, how it will be implemented, and the key areas where engagement and collaboration with stakeholders are welcomed.

What is Bio4HUMAN and what is its main objective?

Horizon-Europe funded Bio4HUMAN's principal objective is to provide both humanitarian aid operators and bio-based sector stakeholders, with a list of bio-based solutions for solid waste management that have the potential to be applicable across various humanitarian settings.

How will the project be implemented?

First, Bio4HUMAN will conduct a **scoping exercise** that will be a starting point for the identification of bio-based solutions as well as existing supply chain gaps, followed by a **life cycle assessment** of the solutions during the scoping. To **evaluate the applicability of the solution in real-life settings**, Bio4HUMAN will evaluate both the socio-economic (employment and economic development, social and cultural factors, equity and access) and the governance aspects (regulatory frameworks, public-private partnerships, international trade and investment, public awareness and engagement) of the solutions identified in 2 African locations, South Sudan and the Democratic Republic of Congo.

Bearing in mind the challenge of this **interdisciplinary endeavor** that strives to **solve real societal needs**, the **multi-actor approach** involving **a diverse range of stakeholders** (bio-based sector actors, humanitarian aid actors, and circular economy experts) allows for the realization of the full potential of this action.



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How can I contribute as a bio-industry or circular economy stakeholder?

- ❖ **Science-based feedback on the identified solutions**
- ❖ **Participation in stakeholder engagement activities (multi-actor or sector-focused)**
- ❖ **Ideas for further R&D&I needs based on the external inputs but also results stemming from Bio4HUMAN**
- ❖ **Response to the surveys conducted as part of scoping**
- ❖ **Advocacy for more established cooperation with the humanitarian sector**

What are the main outputs of the project for stakeholders?

- A list of approx. 10 innovative bio-based products and systems (solutions) with LCA methodologies for SWM applicable to diverse humanitarian contexts
- The ‘easy to handle’ practical tools for socio-economic and governance aspects evaluation of bio-based solutions
- Set of guidelines, recommendations, and tools on environmental, economic, and social aspects for SWM to be used by policymakers, bio-based sector actors, humanitarian aid practitioners, and the scientific community for scale-up and replication purposes.

In conclusion, your steadfast engagement and collaboration as a stakeholder are paramount to Bio4HUMAN’s success, and we encourage you to reach out for any additional information (including the questions of ethics) or clarification needed via Bio4HUMAN website at <https://bio4human.eu/> or by writing us at inquiry@bio4human.eu.