



Public Procurement
Promoting Innovation

Circular solution for paper waste

This is a translation – for the original challenge description, contacts and submission got to:

LINK: [Kreislauffähige Lösung für Papierabfälle - IÖB Innovationsplattform \(ioeb-innovationsplattform.at\)](https://www.ioeb-innovationsplattform.at)



An initiative of

 Federal Ministry
Republic of Austria
Labour and Economy

 Federal Ministry
Republic of Austria
Climate Action, Environment,
Energy, Mobility,
Innovation and Technology

In cooperation with

 **BBG** BUNDES
BESCHAFFUNG

Challenge Sponsor

BBU-GmbH [Federal Agency for Reception and Support Services]



Initial situation

The Federal Agency for Care and Support Services GmbH (BBU-GmbH) hands out general and personal documents to the arriving asylum seekers in the federal care facilities, which are turned into paper waste (shredded) in large quantities. The data security aspects of personal data must be considered in the destruction process. This makes the process time-consuming and cost intensive.

The documents left behind by the asylum seekers are documents and information material, such as the fire protection and house rules, which have to be handed out individually and in written form (DIN 14096 / Part B).

A particular challenge is the linguistic diversity. The documents and information materials to be handed out must be available in different languages.

Other factors are the high procurement costs for paper, the carbon footprint due to the use of materials and the necessary logistics up to the disposal of paper.

The number of asylum seekers in Traiskirchen amounts to approximately 1,600 persons within one month. The documents to be handed out add up to five sheets of paper per document. This results in an average of 24,000 sheets of paper within four weeks. A large part of this volume is left lying around and must be shredded or disposed of in accordance with data protection regulations.

The BBU wants to tackle the stated challenge and is looking for recyclable, cost-saving and practical solutions to turn wastepaper into paper again.

Main Question

What innovative solutions are there to realise a sustainable, internal paper cycle?

Desired situation

With this market investigation, the BBU-GmbH is looking for innovative and circular solutions to turn paper back into paper. With this innovation, the BBU-GmbH would like to make a contribution towards circularity and the considerate use of resources.

We are looking for solution concepts or ideas for a sustainable, efficient and structured paper cycle. The focus is on the proper destruction of personal documents.

The following important factors must be considered in the solution:

- The solution must ensure the legally compliant destruction of documents containing personal data.
- No additional human resources are required to operate the solution.
- Operation should be intuitive and as simple as possible (no major training effort)
- Size - the solution should be integrated into the existing premises
- Volume - no nuisance due to noise, odour or other sources of danger
- Access and security
- Low maintenance

Other features:

- Shredding and production speed
- Usability of the produced paper

Automated solutions and concepts and / or plug and play concepts are particularly desired. Also welcome are components, solution modules or ideas that contribute to a self-sufficient and sustainable plant.

Call for submission

Do you have an interesting (partial) solution? Are you currently developing one? Are you an expert? Then enter a submission!

Submission Deadline: 10. April 2023

Companies submit via the **online forms**:

- A meaningful description of your existing solution or approach to a solution. The focus of the **description** should match the evaluation criteria. Convince with comprehensible use cases and references.
- Help with project planning that is in line with the market: Communicate your ideas regarding the course of a project (wishes, notes to the project managers).
- A summary of the automation and other innovation aspects and the decisive added value.
- Any **confidential information**, e.g. on pricing (only visible to the jury and the moderation team).
- A **cover picture** as a visually attractive figurehead on the Challenge page.
- Optional: A **pdf file** as an upload. The file should complement the description but not replace it! Use it e.g. for infographics or existing brochures.

NOTE: With this Challenge, we are currently in the market exploration phase. Therefore, the following is not yet necessary for participation, in order to attract interest: concepts which are completely new or have been specially developed for this Challenge, detailed technical designs or feasibility studies. Please be concise (as a guideline: a maximum of five A4 pages or ten presentation slides in total).

Benefits of the Challenge and further course of the project

The BBU-GmbH receives an overview of solutions, concepts and potential partners to be considered with the online submissions to the Challenge. The jury of internal experts then invites those companies to an innovation dialogue whose solutions stand out particularly positively in the evaluation criteria. At the innovation dialogue, understanding can be sharpened and ideas refined.

For companies this means: Participating in the Challenge puts you on the radar of the contracting authority. Your submission remains visible as your business card for other interested parties even after the Challenge is over. You put yourself in position for further public sector purchasing projects. If you are among the winners and are invited to the final innovation dialogue on **16. May 2023**, you can present your solution at a market meeting. You exchange ideas directly with those responsible for the project.

This creates sensitivity and understanding on the part of the public client for suitable innovations and aspects that may have been neglected so far. This is important so that the public contracting authority can take innovative approaches into account in the possible procurement project after the market survey in accordance with the Federal Procurement Act (BVerG 2018) and initiate implementation in line with the market.

Depending on the results, the further project plan provides for the following:

Depending on the complexity, necessary framework conditions, the degree of maturity, expected costs and benefits, the sponsors will decide on the project design following the Challenge. The goal is to award the contract according to BVerG 2018.

Your Questions

Contact the moderator or post your question about the Challenge. Our moderators will check, research and publish your question together with the answer. This way, all potential participants are certain to receive the same information.



How to submit a solution/idea

- Check the submission deadline (phase "Aufruf und Einreichungen"); click on the button "Lösung einreichen" on the top right side of the page.



- **Beschreibung**
Post a meaningful description (make references to the description of the challenge and evaluation criteria on the right side of the challenge page)
- **Mehrwert**
Highlight the benefits of your solution.
- **Titelbild**
Upload a picture to be displayed on the landing page of the challenge.
- **Kooperationspartner**
If you are handing in a joint contribution with other companies, this is where you make sure they are represented with logos and names.
- **Dateien & Infos**
If necessary in addition to the descriptions above: add pdf-files (e.g. existing product brochures). But: Keep your contribution manageable for the jury.
- **Vertrauliche Infos**
If necessary, place a confidential information for the jury, the sponsor and moderator (e.g. indication of approximate price range). All other parts of the contribution will be public.

Please be aware of the fact, that a challenge is market research / market engagement prior to a possible procurement. The challenge will not decide upon a contract award nor will it lead to any unfair advantage in a tender. Please balance your time and effort.

Contact Information

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