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Final Submission for Breakthrough Contest: Track 2

# COVER PAGE

**Team Name:** Enter Team Name

**Team Leader:** Enter Team Leader Name

**Team Partners:** Enter Team Partners Here

**Submission Title:** Enter Submission Title

**Abstract:** Enter Short Description (<100 words, to be shared publicly.)The cover page will not count toward the 20-page limit of the proposal.

You can find more information on what to submit for this final submission on page 12 of the [**Battery Recycling Prize Rules and Scoring Criteria (Breakthrough)**](https://americanmadechallenges.org/challenges/batteryrecycling/docs/battery-recycling-prize-breakthrough-rules.pdf) on HeroX under “Resources.”

Submit all files in unlocked, searchable PDF form, using the following title format: **Team-Name\_BRP\_Breakthrough.pdf**.

If the submission contains trade secrets or confidential commercial or financial information, such Confidential Business Information (CBI), should be designated at the time of submission in the following manner:

* The cover sheet must identify the specific pages containing CBI and include the following language:
* “Notice of Restriction on Disclosure and Use of Data: Pages [list applicable pages] of this document may contain CBI – trade secrets or commercial or financial information that is privileged or confidential and is exempt from public disclosure. Such information shall be used or disclosed only for evaluation purposes. The Government may use or disclose any information that is not appropriately marked or otherwise restricted, regardless of source. [End of Notice]”
* The header and footer of every page that contains trade secrets or commercial or financial information that is privileged must be marked as follows: “CBI”.
* In addition, each line or paragraph containing trade secrets or commercial or financial information that is privileged or confidential must be enclosed in brackets.

Submit a 20-page maximum report that includes the components below. All assumptions used in documentation, analysis, modeling, and simulation must be explicitly stated.

# Executive Summary

A high-level overview of your submission, including a summary of your concept approach and how the end-to-end solution will contribute toward the prize goal.

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# Detailed Technical Explanation of Proposal

Describe how your concept advanced and what was achieved in the Breakthrough contest, including further validation and demonstration of the solution.

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# Voucher Work

Describe how voucher funds received during Breakthrough were used within this phase of the competition to further your Phase III winning submission. Include or detail initial results that demonstrate the advancements to your concept.

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# Techno-Economic Analysis

Include a complete techno-economic analysis to demonstrate the economic impact and performance of your recovery process. Include the costs, benefits, risks, uncertainties, and time frames that may impact the economic viability of the concept solution.

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# Evaluation Entity

Identify an Evaluation Entity and describe plans to scale in Phase IV. Prize teams should include a summary of the Overview Information and Evaluation Plan sections from the Evaluation Entity Report.

Evaluation Entities are ineligible to compete as prize participants and should not be considered part of the prize team or resources.

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# Team and Resources

Provide individual member CVs and team experience and qualifications, external advisers (e.g., a board), or external sponsorship and established partnerships, and possible VSPs. Include the roles and responsibilities of each party. The team composition should demonstrate the capability to successfully implement the proposed pilot-scale end-to-end solution. If applicable, provide letters of commitment from established partnerships indicating support from the organizational leadership (i.e., business letterhead) stating their role of partnership, agreed commitments, and contact information.

Body text is Times New Roman 12.

# References

Chicago Manual of Style

# Bibliography

Chicago Manual of Style

References, Citation, and Bibliography will not count toward 20-page limit.