*Refer to the funding opportunity instructions for comprehensive application details. This form provides guidelines for the applicant to describe the proposed research, which is to be carried out with ABF resources. ABF staff will use this document to evaluate the feasibility of the proposed research.*

*Download this template as a word document. Please keep the bolded subsection headings, and general document formatting. Delete blue instructions before submitting. The final document should be no more than 2 pages in length (plus one additional page of citations). Avoid inclusion of proprietary information. Save the document using the following file name format: “[Organization Name]\_[PI’s last name]\_[Keywords]\_FY23 ABF FO\_Feasibility”, where the keywords are 1-3 words that adequately identifies the proposed work. Submit your feasibility document* [*here*](https://forms.gle/WgmZSeiiSiyHKu966) *no later than* ***Friday, April 21, 2023 at 5:00 pm*** *in the applicant’s time zone.*

Title

Applicant name, Organization

1. Scope (1 page maximum)

The ABF focuses on synthetic biology of industrially relevant bacteria and yeast species, not plant or mammalian cell genetics or cell culture or biomedical applications. The ABF and DOE BETO address research challenges for the production of sustainable aviation fuel (SAF) and decarbonization of industry. Review [recent ABF projects](https://agilebiofoundry.org/news/) for further information.

* 1. Overview
  2. Aims of the project
     1. Aim 1
     2. Aim 2…
  3. Expected outcomes
  4. Alignment of the project with DOE BETO priorities

1. ABF resources ([website here](https://agilebiofoundry.org/capabilities/)) to be used for this project (1 page maximum)
   1. Description of capabilities to be used   
      Provide breakdown for each ABF national laboratory.
   2. Approximate timetable of ABF-focused research   
      Use the table below for an approximate schedule of tasks and capabilities. The first row provides an example.

|  |  |  |
| --- | --- | --- |
| Aims | Quarter Due | List of ABF Capabilities |
| Aim 1…  Outcome 1… | Q1 | DNA design  Computational protein design |
|  |  |  |
|  |  |  |
|  |  |  |

* 1. Additional supporting information including references