



## **Requirements for Global Alliance Spark Grant Applicants:**

### **Test Results Reporting and Performance** (October 2015)

#### **Overview**

The Global Alliance for Clean Cookstoves has implemented grant mechanisms, such as the Spark Fund, to scale up the best technology and fuel options to reach the goal of 100 million households adopting cleaner and more efficient cookstoves and fuels by 2020. Minimum standards for test results reporting and the performance of cookstoves and fuels are an important mechanism to ensure that support goes to technologies that will deliver social benefits. In March 2014, the Global Alliance for Clean Cookstoves released requirements for future applicants for the Spark and Pilot Innovation Funds ([link](#)), regarding how test results should be reported and performance requirements. To reflect the latest developments in the cookstoves and fuels sector, growth in global testing capacity, input from our diverse partners, and to continually raise the bar, the Alliance is releasing these updated requirements that any future Spark Fund applications will be expected to follow.

The Alliance is releasing these requirements in advance of opening the Spark Fund application, so that potential applicants may prepare for these requirements. These requirements are applicable for any stove, fuel, or fuel production or delivery product that is part of the Spark Fund grant proposal. These requirements may need to be updated in the future, to reflect future developments. The Alliance will continue to share requirements in advance to provide notice to all Partners.

Applications not meeting these requirements will not be eligible for review or funding. These requirements start immediately, unless otherwise noted.

#### **Testing and Reporting Requirements (Effective Immediately Unless Otherwise Noted)**

1. Third-party testing will be required for all Spark Growth Fund applicants. The testing must be conducted following the International Organization for Standardization (ISO)'s International Workshop Agreement IWA 11:2012, with results submitted for at least the IWA efficiency, indoor emissions, and total emissions metrics. Fuels should be tested with the stoves they are predominantly used with. Preference will be given for Spark Venture Fund applicants who submit third-party testing results.

In 2017, third-party testing will be required for all Spark Applicants, for both the Venture and Growth categories.

When new international standards are developed through ISO Technical Committee 285, these guidelines for Spark Fund applicants will be updated to reflect the new testing and reporting methodology.

2. All Spark Fund applicants must submit product information to the Clean Cooking Catalog, as a Stove, Fuel, or Fuel production or delivery product. Exceptions can be made for prototype technologies or fuels that will be the focus of further development and testing as part of the grant proposal.
3. Applicants who are required to conduct third-party testing must submit test results to the Clean Cooking Catalog Test Results section. Exceptions can be made for 1) prototype technologies or fuels that will be the focus of further development and testing as part of the grant proposal and 2) situations in which the testing organization has not yet released testing data to be public. For these exceptions, testing data should be shared directly with the Alliance using the provided templates.
4. If stove information and test results are currently listed, all information must be reviewed and verified to ensure it is up-to-date. To submit updates to a current Catalog stove listing, contact [catalog@cleancookstoves.org](mailto:catalog@cleancookstoves.org).
5. Deadlines for stove and fuel testing will correspond with submission deadlines for individual grants. Results should be submitted directly to the Catalog using provided templates.
6. Additional testing requirements for grant recipients may be outlined as part of the application instructions.

### **Performance Requirements for Spark Venture**

1. Starting in 2017, applicants must focus on cookstoves and fuels with demonstrated performance that is IWA Tier 2 or higher for Efficiency OR Tier 2 or higher for Indoor Emissions. Preference will be given to technologies that can meet both criteria, i.e. Tier 2 for efficiency AND Tier 2 for indoor emissions.
2. Starting in 2018, applicants must focus on cookstoves and fuels with demonstrated performance that is IWA Tier 2 or higher for Efficiency OR Tier 3 or higher for Indoor Emissions. Preference will be given to technologies that can meet both criteria, i.e. Tier 2 for efficiency AND Tier 3 for indoor emissions.

### **Performance Requirements for Spark Growth**

1. Starting now, applicants must focus on cookstoves and fuels with demonstrated performance that is IWA Tier 2 or higher for Efficiency OR Tier 2 or higher for Indoor Emissions. Preference will be given to technologies that can meet both criteria, i.e. Tier 2 for efficiency AND Tier 2 for indoor emissions.
2. Starting in 2017, applicants must focus on cookstoves and fuels with demonstrated performance that is IWA Tier 2 or higher for Efficiency OR Tier 3 or higher for Indoor Emissions. Preference will be given to technologies that can meet both criteria, i.e. Tier 2 for efficiency AND Tier 3 for indoor emissions.

## Summary of Performance Requirements

	Now	2017	2018 -
<b>Spark Venture</b>	<b>None</b>	<b>Efficiency: Tier 2 or higher OR* Indoor Emissions Tier 2 or higher  Third-party testing required</b>	<b>Efficiency Tier 2 or higher OR* Indoor Emissions Tier 3 or higher  Third-party testing required</b>
<b>Spark Growth</b>	<b>Efficiency: Tier 2 or higher OR* Indoor Emissions Tier 2 or higher  Third-party testing required</b>	<b>Efficiency Tier 2 or higher OR* Indoor Emissions Tier 3 or higher  Third-party testing required</b>	<b>Efficiency Tier 2 or higher OR* Indoor Emissions Tier 3 or higher  Third-party testing required</b>
<b>*Technologies and fuels that meet both the Efficiency and Indoor Emissions criteria will be given preference</b>			

## Fuel Recommendations

Any applicants with a focus on fuels will be encouraged to submit information on the sourcing and supply of their raw feedstock materials, evidence of renewable sources being used, results of any analyses that have been performed on the fuel or the environmental impact assessments of the transport, and/or production efficiency of any processing technologies. This includes any long term sourcing agreements developed with raw material suppliers.

## Additional Resources

List of testing organization partners who can provide testing services:  
<http://cleancookstoves.org/technology-and-fuels/testing/centers.html>

Submit your information to the Clean Cooking Catalog:  
<http://catalog.cleancookstoves.org/pages/contribute>

Background information on the interim IWA: <http://cleancookstoves.org/technology-and-fuels/standards/iwa-tiers-of-performance.html>

Background information on the status of standards updates in progress:  
<http://cleancookstoves.org/technology-and-fuels/standards/how-to-participate.html>