# ASSISTANCE AGREEMENT

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<tr>
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<tbody>
<tr>
<td>1. Award No.</td>
<td>2. Modification No.</td>
<td>3. Effective Date</td>
<td>4. CFDA No.</td>
</tr>
<tr>
<td>DE-EE0007897</td>
<td>0012</td>
<td>01/13/2017</td>
<td>81.087</td>
</tr>
</tbody>
</table>

5. Awarded To  
SUSTAINABLE MANUFACTURING INNOVATION ALLIANCE  
Attn: NABIL NASR  
190 LOMB MEMORIAL DR  
ROCHESTER NY 146235608

6. Sponsoring Office  
Energy Efficiency & Renewable Energy  
EE-1  
U.S. Department of Energy  
1000 Independence Avenue, S.W.  
Washington DC 20585

7. Period of Performance  
01/13/2017 through 08/31/2020

8. Type of Agreement  
- [ ] Grant  
- [x] Cooperative Agreement  
- [ ] Other

9. Authority  
AEMTC Act 2012  
EPAct 2005

10. Purchase Request or Funding Document No.  
20EE000007

11. Remittance Address  
SUSTAINABLE MANUFACTURING INNOVATION ALLIANCE  
Attn: SUSTAINABLE MANUFACTURING INNOVATION ALLIANCE  
190 LOMB MEMORIAL DR.  
ROCHESTER NY 14623

12. Total Amount  
Govt. Share: $68,640,645.00  
Cost Share: $70,000,000.00  
Total: $138,640,645.00

13. Funds Obligated  
This action: $0.00  
Total: $37,050,000.00

14. Principal Investigator  
See Page 3

15. Program Manager  
Deborah L. Schultheis  
Phone: 720-356-1811

16. Administrator  
Golden Field Office  
U.S. Department of Energy  
Golden Field Office  
15013 Denver West Parkway  
Golden CO 80401

17. Submit Payment Requests To  
VIPERS  
https://vipers.doe.gov  
Any questions, please contact by call/email 855-384-7377 or VipersSupport@hq.doe.gov

18. Paying Office  
OR for Golden  
U.S. Department of Energy  
Oak Ridge Financial Service Center  
P.O. Box 6017  
Oak Ridge TN 37831

19. Submit Reports To  
See Attachment 2

20. Accounting and Appropriation Data  
See Schedule

21. Research Title and/or Description of Project  
SMIA REMADE INSTITUTE

<table>
<thead>
<tr>
<th>For the Recipient</th>
<th>For the United States of America</th>
</tr>
</thead>
<tbody>
<tr>
<td>22. Signature of Person Authorized to Sign</td>
<td>25. Signature of Grants/Agreements Officer</td>
</tr>
<tr>
<td>Signature on File</td>
<td>File</td>
</tr>
<tr>
<td>23. Name and Title</td>
<td>26. Name of Officer</td>
</tr>
<tr>
<td>Geoffrey I. Walker</td>
<td></td>
</tr>
<tr>
<td>24. Date Signed</td>
<td>27. Date Signed</td>
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<tr>
<td>12/09/2019</td>
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</table>
The purposes of this modification are to:

1) Approve the continuation application, allowing the Recipient to move from Budget Period 2 to Budget Period 3;

2) Extend the Period of Performance end date, as shown in Block 7 and below;

2) Delete and replace Attachment 1 Statement of Project Objectives;

3) Delete and replace Attachment 3 Budget Information;

4) Delete and replace the Special Terms and Conditions, to incorporate the following changes:
   a. Delete and replace Term 7. Substantial Involvement;
   b. Delete and replace Term 10. NEPA Requirements;
   c. Delete and replace Term 11. Performance of Work in United States;
   d. Delete and replace Term 30. Cost Sharing;
   e. Delete Term 50. RESERVED and replace with Subrecipient and Vendor Approval; and,
   f. Delete Term 52. Task 7.5 Approval and replace with RESERVED.

The Project Period for this award is 01/13/2017 through 12/31/2021, consisting of the following Budget Periods:

Budget Period 1: 01/13/2017 to 03/31/2018
Budget Period 2: 04/01/2018 to 08/31/2019
Budget Period 3: 09/01/2019 to 08/31/2020
Budget Period 4: 09/01/2020 to 08/31/2021
Budget Period 5: 09/01/2021 to 12/31/2021

In Block 7 of the Assistance Agreement, the Period of Performance reflects the beginning of the Project Period through the end of the current Budget Period.

The total amounts reflected in Blocks 12 and 13 of the Assistance Agreement do not include the Federally Funded Continued ... Research and Development Center (FFRDC) funding
The Special Terms and Conditions for this award contain specific funding restrictions. Please review the applicable terms for procedures required to lift the restrictions.

All other terms and conditions remain unchanged.

DOE Award Administrator: Melissa Jacobi
E-mail: melissa.jacobi@ee.doe.gov
Phone: 720-356-1658

DOE Project Officer: Debbie Schultheis
E-mail: Debbie.schultheis@ee.doe.gov
Phone: 720-356-1811

Recipient Business Officer: Michelle Schlafer
E-mail: mschlafer@remadeinstitute.org
Phone: 585-231-1031

Recipient Principal Investigator: Nabil Nasr
E-mail: nasr@smialliance.org
Phone: 585-703-0413

ASAP: NO: STD IMMEDIATE Extent Competed: COMPETED
Davis-Bacon Act: NO
"Electronic signature or signatures as used in this document means a method of signing an electronic message that--
(A) Identifies and authenticates a particular person as the source of the electronic message;
(B) Indicates such person's approval of the information contained in the electronic message; and,
(C) Submission via FedConnect constitutes electronically signed documents."