

**U.S. DEPARTMENT OF ENERGY
OFFICE OF ENERGY EFFICIENCY AND RENEWABLE ENERGY
NEPA DETERMINATION**



RECIPIENT: Momentum Innovation Group LLC

STATE: PA

PROJECT TITLE : Construction Methodology Transformation for the Benefit of Workforce Development

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA-0002196	DE-EE0009744	GFO-0009744-001	

Based on my review of the information concerning the proposed action, as NEPA Compliance Officer (authorized under DOE Policy 451.1), I have made the following determination:

CX, EA, EIS APPENDIX AND NUMBER:

Description:

A9 Information gathering, analysis, and dissemination Information gathering (including, but not limited to, literature surveys, inventories, site visits, and audits), data analysis (including, but not limited to, computer modeling), document preparation (including, but not limited to, conceptual design, feasibility studies, and analytical energy supply and demand studies), and information dissemination (including, but not limited to, document publication and distribution, and classroom training and informational programs), but not including site characterization or environmental monitoring. (See also B3.1 of appendix B to this subpart.)

A11 Technical advice and assistance to organizations Technical advice and planning assistance to international, national, state, and local organizations.

Rationale for determination:

The U.S. Department of Energy (DOE) is proposing to provide funding to Momentum Innovation Group LLC to develop and provide workforce education and training to be used by the offsite construction industry. An online Platform containing offsite construction training would be developed and would help connect trained students and potential employers. Education would occur at schools and online and would be supplemented with in-factory, hands-on experience. The project would be completed over three Budget Periods (BPs) with a Go/No-Go decision point between each BP. This NEPA determination is applicable to all three BPs.

Interviews, surveys, and research would be conducted to understand existing workforce development programs and training curriculum. The collected data would be used to design and build offsite curriculum to be used in high schools, career and technical education programs (CTE), and/or community college classes. Teachers and factories would be trained to teach the curriculum. The pilot would launch in schools and factories and include a post-pilot evaluation period. At the completion of the first pilot, feedback would be collected and used to improve curriculum content. An improved second pilot would then be launched. The developed Platform would be shared with up to five additional factories for review. Access would be provided for additional schools and factories. A plan would be developed for scaling-up the program nationally.

Momentum Innovation Group LLC would identify partners, plan and develop curriculum and training, create scale-up strategies, address licensing details, and work on Platform development. Subrecipients would be International Code Council and Dial Ventures. International Code Council would identify existing curriculum and development. Dial Ventures would conduct work related to curriculum identification, planning, development, and scale-up. Project activities at the above locations would consist solely of intellectual, academic, and/or analytical activities. These activities would be conducted from existing offices or computational facilities and use no materials beyond basic office supplies, software, and computer hardware. Participating high schools and colleges have not yet been identified but would be located in Pennsylvania and be near modular construction factories. Activities would include classroom education and training in construction, focusing on offsite manufacturing methods. Hands-on training of offsite construction methods would occur at contractors' (Ritz-Craft Homes and Signature Building System) existing manufacturing facilities used for building modular homes.

No changes in the use, mission, or operation of existing facilities would be required as part of this project and no additional permits would be required in order to conduct any of the work activities.

Project activities would involve the use and handling of manual and power construction tools. Any risks associated with the handling of this equipment would be mitigated through adherence to established health and safety policies

and procedures. Protocols would include in-class training prior to factory visits and the use of personal protective equipment. No additional materials would be used or generated by the recipient, as students would be practicing and learning manufacturing processes on products regularly built by participating factories. Momentum Innovation Group LLC and its project partners would observe all applicable Federal, state, and local health, safety, and environmental regulations.

NEPA PROVISION

DOE has made a final NEPA determination.

Notes:

Building Technologies Office

This NEPA determination does not require a tailored NEPA provision.

Review completed by Shaina Aguilar on 11/19/21.

FOR CATEGORICAL EXCLUSION DETERMINATIONS

The proposed action (or the part of the proposal defined in the Rationale above) fits within a class of actions that is listed in Appendix A or B to 10 CFR Part 1021, Subpart D. To fit within the classes of actions listed in 10 CFR Part 1021, Subpart D, Appendix B, a proposal must be one that would not: (1) threaten a violation of applicable statutory, regulatory, or permit requirements for environment, safety, and health, or similar requirements of DOE or Executive Orders; (2) require siting and construction or major expansion of waste storage, disposal, recovery, or treatment facilities (including incinerators), but the proposal may include categorically excluded waste storage, disposal, recovery, or treatment actions or facilities; (3) disturb hazardous substances, pollutants, contaminants, or CERCLA-excluded petroleum and natural gas products that preexist in the environment such that there would be uncontrolled or unpermitted releases; (4) have the potential to cause significant impacts on environmentally sensitive resources, including, but not limited to, those listed in paragraph B(4) of 10 CFR Part 1021, Subpart D, Appendix B; (5) involve genetically engineered organisms, synthetic biology, governmentally designated noxious weeds, or invasive species, unless the proposed activity would be contained or confined in a manner designed and operated to prevent unauthorized release into the environment and conducted in accordance with applicable requirements, such as those listed in paragraph B(5) of 10 CFR Part 1021, Subpart D, Appendix B.

There are no extraordinary circumstances related to the proposed action that may affect the significance of the environmental effects of the proposal.

The proposed action has not been segmented to meet the definition of a categorical exclusion. This proposal is not connected to other actions with potentially significant impacts (40 CFR 1508.25(a)(1)), is not related to other actions with individually insignificant but cumulatively significant impacts (40 CFR 1508.27(b)(7)), and is not precluded by 40 CFR 1506.1 or 10 CFR 1021.211 concerning limitations on actions during preparation of an environmental impact statement.

The proposed action is categorically excluded from further NEPA review.

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature:

 Electronically Signed By: Casey Strickland
NEPA Compliance Officer

Date: 11/22/2021

FIELD OFFICE MANAGER DETERMINATION

- Field Office Manager review not required
 Field Office Manager review required

BASED ON MY REVIEW I CONCUR WITH THE DETERMINATION OF THE NCO :

Field Office Manager's Signature:

Field Office Manager

Date: