

PMC-EF2a

**U.S. DEPARTMENT OF ENERGY
EERE PROJECT MANAGEMENT CENTER
NEPA DETERMINATION**



RECIPIENT: INEOS New Planet BioEnergy

STATE: IL

PROJECT TITLE : INEOS New Planet BioEnergy - Indian River County Facility (DE - EE0002883)

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA-0000096	DE-EE0002883	GFO-10-279	0

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

CX, EA, EIS APPENDIX AND NUMBER:

Description:

- A9** Information gathering (including, but not limited to, literature surveys, inventories, audits), data analysis (including computer modeling), document preparation (such as conceptual design or feasibility studies, analytical energy supply and demand studies), and dissemination (including, but not limited to, document mailings, publication, and distribution; and classroom training and informational programs), but not including site characterization or environmental monitoring.
- B3.1** Onsite and offsite site characterization and environmental monitoring, including siting, construction (or modification), operation, and dismantlement or closing (abandonment) of characterization and monitoring devices and siting, construction, and associated operation of a small-scale laboratory building or renovation of a room in an existing building for sample analysis. Activities covered include, but are not limited to, site characterization and environmental monitoring under CERCLA and RCRA. Specific activities include, but are not limited to:
- C12** Siting, construction, and operation of energy system prototypes including, but not limited to, wind resource, hydropower, geothermal, fossil fuel, biomass, and solar energy pilot projects.

Rational for determination:

DOE is proposing to provide federal funding to INEOS to design, permit, construct, test and operate a demonstration-scale biorefinery that will produce ethanol fuel from cellulosic feedstock that includes vegetative waste and segregated construction debris (primarily wood) supplied by an adjacent county landfill in Vero Beach, Florida.

The proposed site is an existing industrial site that formerly operated as a citrus processing facility. All basic infrastructure is in place on site (water, power, wastewater disposal injection well system, natural gas, roads, etc).

The project is broken into three budget periods separated by DOE Go/No Go decision points.

Budget period 1 (BP1) activities would include preliminary design and engineering, risk mitigation planning, environmental and infrastructure permitting activities, environmental baseline documentation development (including environmental surveys, sampling, geotechnical and/or hydrologic studies), and the NEPA review required for BP2 and BP3 activities. Final design, construction, purchase of long lead items or other activities that could result in an irreversible or irretrievable commitment of resources are not proposed during BP1.

Budget Period 2 (BP2) activities would include final design, capital equipment procurement, construction and commissioning of the biorefinery. Budget Period 3 (BP3) activities would include operation of the biorefinery and data collection.

CX A9 and B3.1 apply to Budget Period 1.
EA C12 applies to Budget Periods 2 and 3.

NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

Insert the following language in the award:

You are required to:

CX A9 and B3.1 apply to Budget Period 1 only. An Environmental Assessment is required prior to DOE providing federal funding for Budget Periods 2 or 3. The Environmental Assessment will be completed as a task in Budget Period 1.

Note to Specialist :

None Given.

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: Steve Blazek Date: 3/12/2010
NEPA Compliance Officer

FIELD OFFICE MANAGER DETERMINATION

Field Office Manager review required

NCO REQUESTS THE FIELD OFFICE MANAGER REVIEW FOR THE FOLLOWING REASON:

- Proposed action fits within a categorical exclusion but involves a high profile or controversial issue that warrants Field Office Manager's attention.
- Proposed action falls within an EA or EIS category and therefore requires Field Office Manager's review and determination.

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

Field Office Manager's Signature:  Date: 3/15/10
Field Office Manager