

“Answering Professor Smil” Project

DRAFT Project Charter, Subject to Amendment By Working Group Members

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Project charter: An investigation of Prof. Vaclav Smil’s powerful criticism of bioenergy
See V. Smil 2015 “[Power Density: A Key to Understanding Energy Sources and Uses](#)” MIT Press

Reason for project: To provide WBA members with tools to answer media and investor inquiries about the scalability of bioenergy solutions.

Project Scope: The project has two aspects: 1) Commentary on Prof. Smil’s analysis of the low Power Density of bioenergy solutions; and 2) Examples of theoretical and practical solutions to overcome the Power Density criticism.

Out of Scope: As this is a thought leadership exercise, we will base our work on published and theoretical analysis, not ground level testing or practical investigations.

Goals/Business Benefits: Generation of a source that media and WBA members can refer to, as needed, for ideas and thoughts on solutions.

Format: Project team members can decide how to publish their views and conclusions.

Options include: Blog site, LinkedIn or Facebook group, a Q&A document, or more formally as a written document for publication on the WBA website or for submission to a journal.

Project Team Members: WBA members and anyone connected to bioenergy assessment are invited to volunteer.

- Thomas Digby, CEO Aljadix and WBA member is prepared to co-ordinate information flow, requests, membership and work assignments.
- Technical leaders in bioenergy will be needed for assessment of contributions by project participants.
- WBA may wish to provide leadership and/or oversight

Roles & Responsibilities: Project Team members can volunteer to prepare materials for either or both of the Commentary project and the Examples project. Deadlines for deliverables will be essential.

Key Milestones:

Kickoff Teleconference:	15-July-2017 (projected)
Gathering requirements:	July-Sept
Format decision and commitment of Partners:	Sept 2017
Delivery of Commitments:	November 2017
Report Production:	November 2017
Report review and editing:	November 2017-January-2018
Report finalization and release:	February 2018

Budget: At participant expense. If WBA agrees to participate, WBA may facilitate discussion by its website/emails.

Risks: Poor quality analysis and summaries will not provide a compelling answer to the problem. If quality of feedback is deemed to be unsatisfactory, no publication will be viable.

Dependencies: Depends entirely on member commitment. WBA participation depends on WBA approval.