

Algae IWG FY18 Work Plan Status

Biomass R&D Board TAC Meeting

August 22, 2018

Presented by Devinn Lambert, A-IWG Co-Chair,
Technology Manager, U.S. Department of Energy

What is the focus of the Interagency Working Group on Algae?

Production (cultivation)
of algal biomass



Use and application of
algal biomass



Stakeholder Engagement
& Interagency Activity



Why is there a group focused on algae?

The algae industry is projected to grow another \$1.2 billion dollars in the next five years to become a \$5.2 billion dollar industry;

U.S. is poised for 45% of this growth

“Algae Products Market: Global Forecast until 2023,” Report Linker

Why is there a group focused on algae?

Greenwave



CBS News / CBS Evening News / CBSN Originals

CBSN Originals



60 MINUTES

CORRESPONDENT Lesley Stahl

Seaweed farming and its surprising benefits

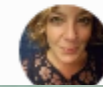
<https://www.cbsnews.com/news/seaweed-farming-and-its-surprising-benefits/?tag=CNM-00-10aab7d&linkId=51103266>



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Jun 15, 2018, 06:49pm

See How Algae Could Change Our World



Jennifer Kite-Powell Contributor

Forbes



A Qualitas Health farm in Columbus, New Mexico, 52.8 acres of algae.

What has been accomplished by members this year?

Production (cultivation) of algal biomass

Use and application of algal biomass

Stakeholder Engagement & Interagency Activity



FEDERAL REGISTER

The Daily Journal of the United States Government



AGENCY:

Food and Drug Administration, HHS.

ACTION:

Final rule.

SUMMARY:

The Food and Drug Administration (FDA, we, or the Agency) is amending the regulations for food additives permitted in feed and drinking water of animals to provide for the safe use of dried marine microalgae as a source of docosahexaenoic acid (DHA) for use in complete, dry foods for adult dogs. This action is in response to a food additive petition filed by DSM Nutritional Products.

DATES:

This rule is effective May 7, 2018. See section V of this document for further information on the filing of objections. Submit either electronic or written objections and requests for a hearing on the final rule by June 6, 2018.



Focuses for next year?

Production (cultivation) of algal biomass

Use and application of algal biomass

Stakeholder Engagement & Interagency Activity

Continue R&D support for the production of algal biomass and bioproducts as directed by Congress and the Executive Branch

A tax credit (45Q) that was expanded to include carbon utilization by algae (Act title “Furthering carbon capture, Utilization, Technology, Underground storage, and Reduced Emissions”). Since 2008, Section 45Q outlines that the DOE, along with the EPA and DOI, are available to the Treasury for consultation on the tax credit

Connect the TAC with algae industry experts and share TAC engagement opportunities with algae experts