

2021 MARINER Annual Review Agenda

[MARINER Annual Review 2021 | arpa-e.energy.gov](https://arpa-e.energy.gov)

All Times in U.S. Eastern Daylight Time (UTC-4)

Day 1: Tuesday June 22 nd , 2021		
ARPA-E Introduction	Marc von Keitz, ARPA-E Program Director Jennifer Gerbi, ARPA-E Acting Director	12:00-12:20pm
Keynote: Opportunities for Seaweed Valorization: A Global Perspective	Pi Nyvall Collen Olmix Group	12:20-12:50
Panel Discussion: International Perspectives on Seaweed	Alejandro Buschmann, Universidad de Los Lagos Jang Kyun Kim, Incheon National University Jorunn Skjermo, SINTEF Marlies Draisma, North Sea Farmers Stefan Kraan, The Seaweed Company	12:50-1:50
Break		1:50-2:05
MARINER Team Presentations (Species Focus: Sugar Kelp)	Trophic University of New England University of Alaska Fairbanks, Cultivation & Harvest Bigelow Laboratory for Ocean Sciences Pacific Northwest National Laboratory Woods Hole Oceanographic Institution, Remote Sensing Woods Hole Oceanographic Institution, Genomic Selection University of Alaska Fairbanks, Nutrient Remediation	2:05-3:55
Closing Remarks	Marc von Keitz, ARPA-E Program Director	3:55-4:00
Virtual Networking Happy Hour		4:00-5:00

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Day 2: Wednesday June 23 rd , 2021		
Opening	Marc von Keitz, ARPA-E Program Director	12:00-12:05pm
Technology to Market Update	Krishna Doraiswamy, ARPA-E T2M Advisor	12:05-12:25
Keynote: Pushing Towards Volume: Markets and Funding for Seaweed Cultivation	Paul Dobbins World Wildlife Fund	12:25-12:55
MARINER Team Presentations (Species Focus: Tropical Seaweed)	Marine Biological Laboratory Ocean Era: Blue Fields Makai Ocean Engineering Fearless Fund	12:55-1:50
Break		1:50-2:05
Panel Discussion: Utilization and Valorization Opportunities for Seaweed	Charlie Bavington, Oceanium James McCarthy, Nestle Megan Reilly Cayten, Oceans 2050 Joseph Ellsworth, Boeing Theo Verleun, GOA Ventures	2:05-3:05
MARINER Team Presentations (Seaweed Uses & Lifecycle Assessment)	San Diego State University Argonne National Laboratory Ocean Era: KRuMBS	3:05-3:55
Closing Remarks	Marc von Keitz, ARPA-E Program Director	3:55-4:00
Virtual Networking Happy Hour		4:00-5:00

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Day 3: Thursday June 24 th , 2021		
Opening	Marc von Keitz, ARPA-E Program Director	12:00-12:05pm
Keynote: Seaweed Diseases – A Potential Challenge to Scaling Cultivation	Claire Gachon Scottish Association for Marine Sciences & Muséum National d'Histoire Naturelle in Paris, France	12:05-12:35
MARINER Team Presentations (Species Focus: Macrocystis)	Ocean Rainforest University of California Irvine University of Wisconsin Milwaukee University of California Santa Barbara Marine BioEnergy	12:35-1:40
Marine Spatial Planning and Aquaculture Opportunity Areas	James Morris National Oceanic and Atmospheric Administration	1:40-2:00
Break		2:00-2:15
Future Directions for MARINER (Marc von Keitz)	Marc von Keitz, ARPA-E Program Director	2:15-2:35
Panel Discussion: The Future of the Seaweed Industry	Julie Decker, Alaska Fisheries Development Foundation Frances Wang, ClimateWorks Foundation Adam de Sola Pool, Blue Angels Luke Halsey, AiiM Partners Jill Kauffman Johnson, Algae Biomass Organization	2:35-3:45
Meeting Closing Remarks	Marc von Keitz, ARPA-E Program Director	3:45-4:00
Virtual Networking Happy Hour		4:00-5:00