

ANNUAL INDUSTRIAL BIOTECHNOLOGY AND BIOPROCESSING CONGRESS

September 17-18, 2018 | San Diego, USA

Microalgae biofuel commercialization challenges

Armen B Avagyan

Moscow State university, Armenia

Our environmental building recommendations of the “Theory of Global Sustainable Development based on the use of microalgae in Bio and Industrial Cycles. New Design and Building of Biological System” (Amazon) aimed towards new environmental policies and development of Live Conserve Industry and management changing decisions with a promotion of solutions for large-scale mitigation GHG emission, waste, generating of O₂ and manufacturing of advanced biofuel as well as value-added products. It is the principal step from the non-efficient protection of the environment to its cultivation, opens an important shift towards a new design and building of a biological system. The main challenge for microalgae biofuel commercialization is policy tools. The Kyoto Protocol failed to find effective decisions, the UNEP fixed that even if countries deliver on the Paris Climate Agreement, the world will still be dangerously warm by 3.0 to 3.2°C. So, we face a pressing governance challenge in constructing the agreement, common rules, norms, etc. that are needed for the deployment of the Global Life Conserve Industry. It creates unhelpful uncertainty for potential investors and innovators. Therefore, the world community must urgently to create new actions addressed to promote activity companies for large-scale mitigation environmental challenges and humans well-being. However, the governments focus on motivation through subsidies (grant, loan, etc.), but the current environmental degradation provides that it have not enough effective impact as companies can face challenges of high-volume adoption and further market penetration (falling oil prices have put a crimp in today’s microalgae biofuel commercialization). If we broadly understood Global environmental risks, an income of companies must include payments for a surplus product (Life Conserve product), should be determined by mitigation of the pollution and would be placed on the common developed indicator-based norms and standards. Fund for payments on this product must develop from the incomes of pollution taxes, etc.

armin.av@hotmail.com