



Israel Water Association Avraham Israeli



Israel Water Association

The Israel Water Association (IsWA) was founded in 2001, aiming to promote the Israeli water industry and science, to assist start-ups to distribute their technologies and products in the Israeli and the international markets.

IsWA organizes conferences and workshops, professional courses and represents Israel in international organizations like IWA and WEF.



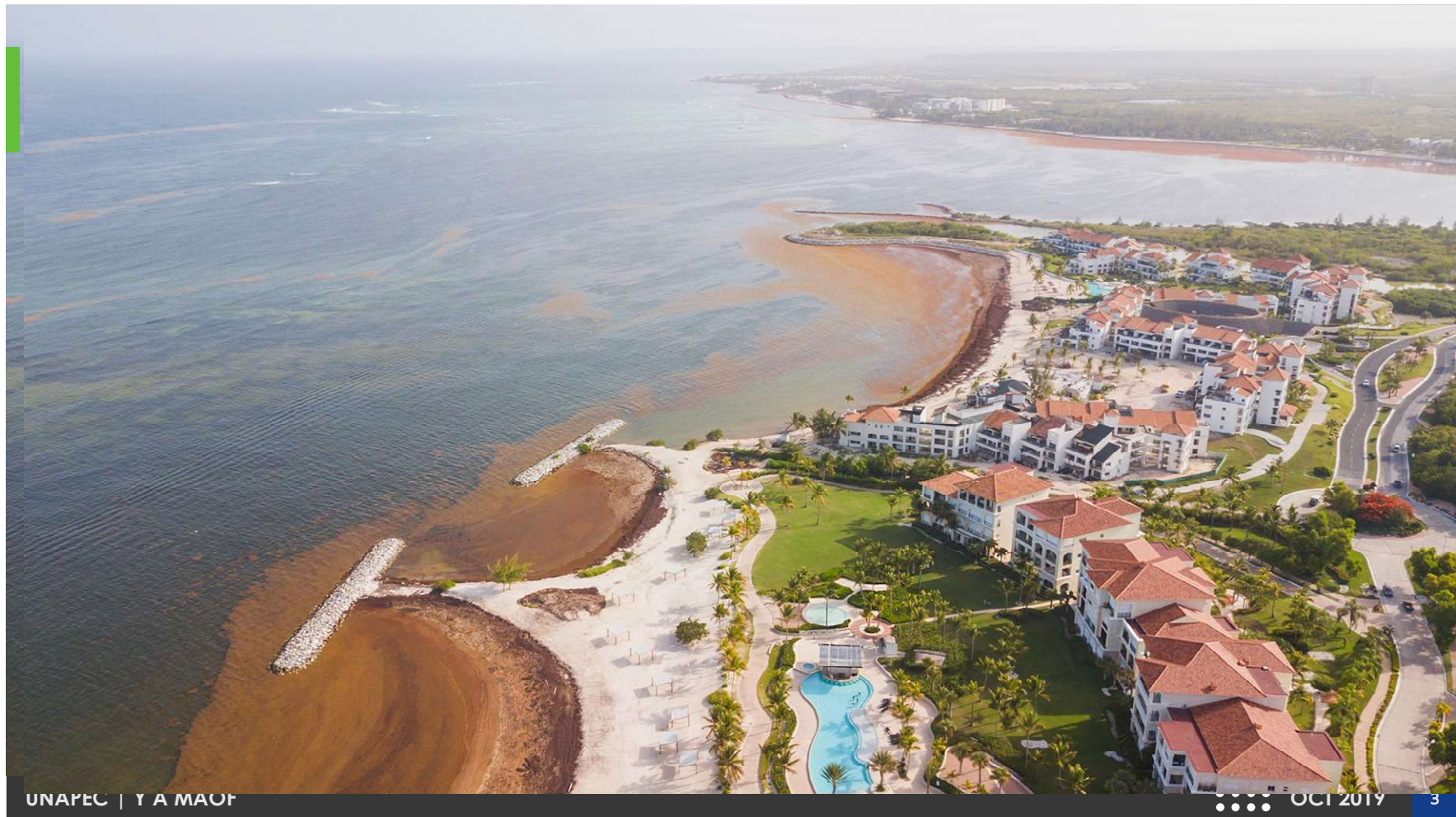
Avraham Israeli- IsWA

I have a long and wide experience in agriculture, water, renewable energy and other environmental technologies, from my long time at the Israel Export Institute and in IsWA, including five years as the president of the organization- 2013-2018. I was nominated by IsWA to be the IsWA- GREENinMED project representative and in charge of the communication.

Algae-Energy project in the Dominican Republic

I am involved in another project named Algae-to-Energy. There is a crisis in the Caribbean basin of sargassum- marine algae that invades the beaches of the islands and harms the hotel industry by covering wide areas of the shores- in the water as well as on the land, and many tourists refuse to come to such places. Furthermore, the algae, as it decays, spreads bad smells and even unhealthy gases like H₂S

Algae carpet in DR shores



Algae-Energy project in the Dominican Republic

The project is aiming to use the algae as a raw material for clean energy generation, using anaerobic digestion technology, together with other organic waste ingredients like hotel food waste and wastewater treatment residual sludge, thus improving not only the situation on the beaches but more environmental issues.

The generated clean energy will be sold to the hotels in a lower price, compared to the region's tariff.



Algae-Energy project in the Dominican Republic

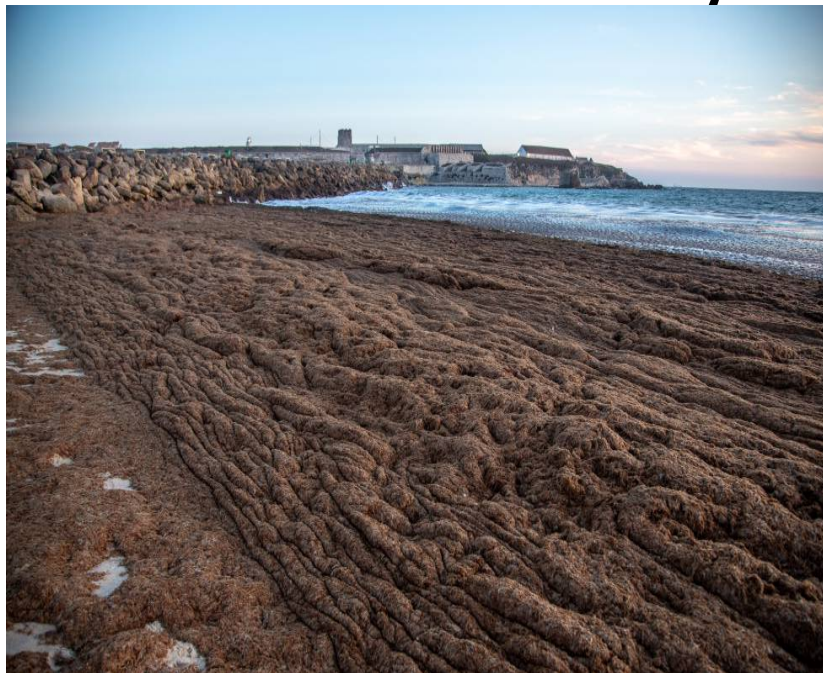
The consortium of this project includes companies from Israel, Belgium and Italy, beside the local partner which is a university from Santo Domingo. The project received a grant from the EU through INNOWWIDE program and is applying now to Horizon 2020.

Simulation of the plant



“It’s an environmental catastrophe” – the brown algae threatening Spain’s southern coast

Scientists are calling for urgent action against the species, which is hurting the biodiversity in the area as well as the fishing and tourism industry



Algae covers Los Lances beach in Tarifa



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MANY THANKS!

