

# PRODUCT PRESENTATION DISOL-ECO

**OSCAR MALDONADO**

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Canada

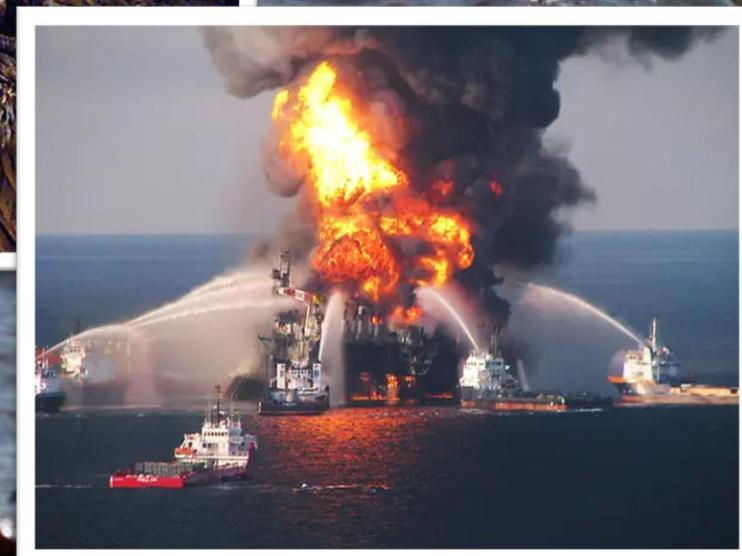
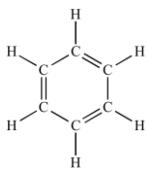


**BIRCHWOOD**

BUSINESS NETWORKING INC.

# THE IMPACT OF HYDROCARBON

- Hydrocarbon is an organic compound consisting of hydrogen and carbon found in crude oil, natural gas, and coal.
- Hydrocarbons are highly combustible and the main energy source of the world. Its uses consist of gasoline, jet fuel, propane, diesel, etc.
- Hydrocarbon spills cause tremendous environmental, economic, and community impact



# MISSION & VISION

OUR MISSION IS TO  
**IMPROVE THE  
ENVIRONMENTAL WELL-  
BEING & SECURITY OF OUR  
PLANET BY REDUCING  
HYDROCARBON  
POLLUTANTS SUSTAINABLY  
THROUGH DISOL-ECO.**

OPERATING WITH 100%  
ENVIRONMENTALLY  
FRIENDLY TECHNOLOGY,  
DISOL-ECO AVOIDS  
DAMAGE TO ANY LIVING  
ORGANISM OR HABITAT –  
**CONTRIBUTING A BETTER  
NARRATIVE FOR FUTURE,  
GREENER SOLUTIONS.**

WE ASPIRE TO BE THE  
**BEST AND MOST RELIABLE  
SOLUTION FOR  
ENVIRONMENTAL  
RESTORATION AND TO BE  
ACCESSIBLE TO ANY LARGE  
OR SMALL CAUSE.**



# WHAT IS DISOL-ECO?

- DISOL-ECO is a molecular hydrocarbon degrader
- Our product is a **water-soluble** product comprised of **surfactants and natural agents** such as soy, coconut and essential oils – remedying affected areas while eliminating odor
- DISOL-ECO has **proven biodegradable** and efficient in the removal and degradation of hydrocarbons on tests performed in Canada, USA, Mexico, etc.

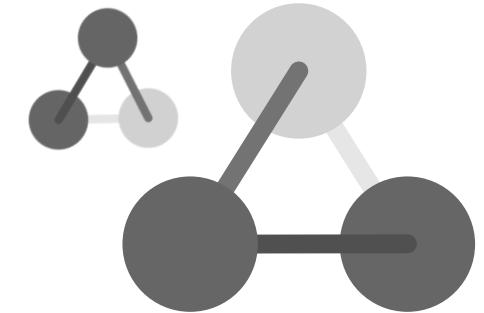


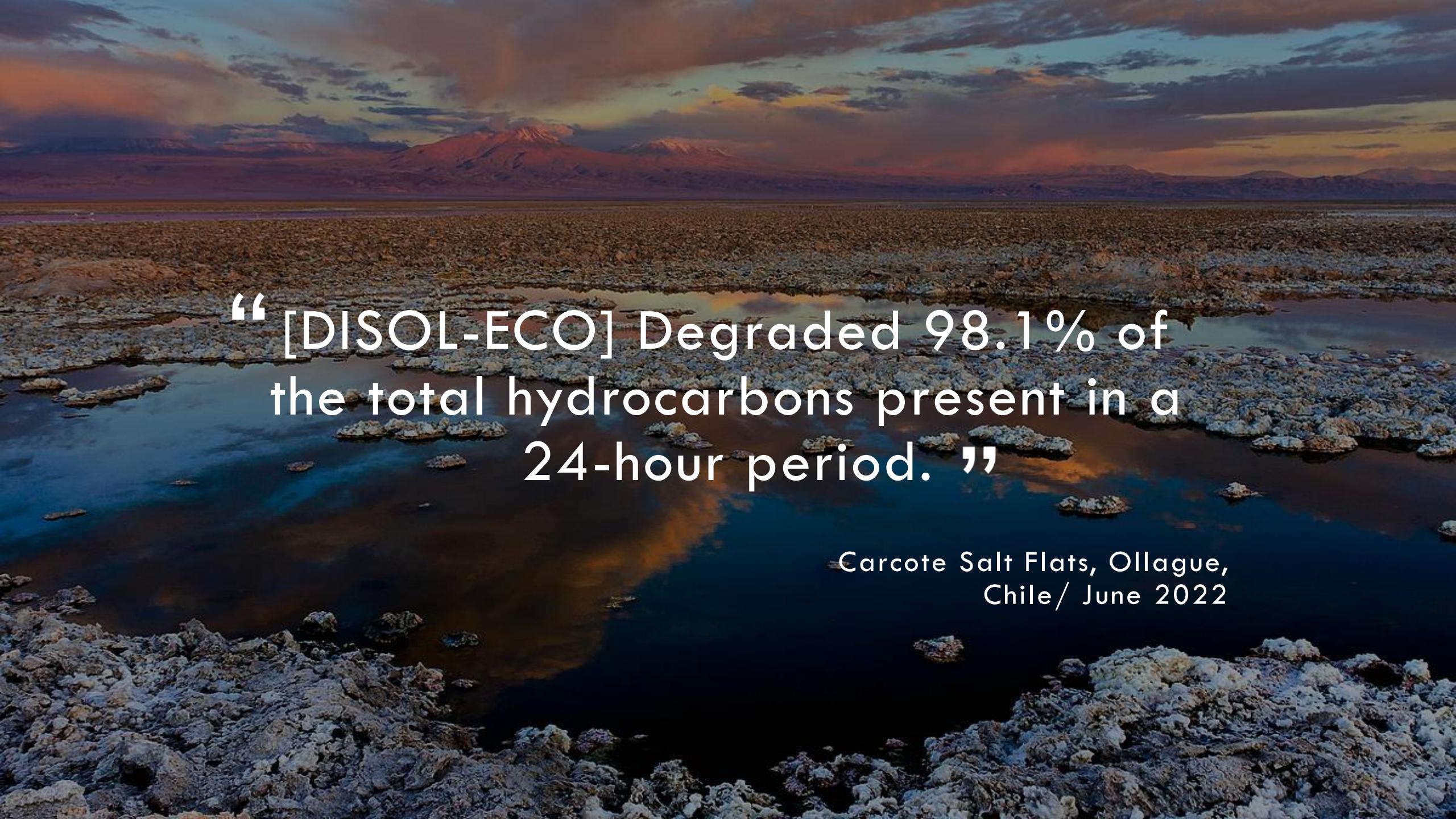
# HOW DOES DISOL-ECO WORK?

THE SOURCE OF POLLUTION  
IS REMOVED BY **DEGRADING**  
**HYDROCARBON** AT A  
MOLECULAR LEVEL, LEAVING  
LOW QUALITY NUTRIENTS



WITH THE HELP OF  
NANOTECHNOLOGY, DISOL-  
ECO THEN TRANSFORMS  
HYDROCARBONS THROUGH A  
**HYDROLYSIS PROCESS** INTO  
HARMLESS COMPOUNDS,  
REMOVING THE HAZARD FROM  
AFFECTED AREA



A wide-angle photograph of a salt flat at sunset. The foreground is covered in white, crystalline salt flats. In the middle ground, several small, shallow pools of water reflect the warm orange and yellow hues of the setting sun. The background features a range of mountains with snow-capped peaks under a sky filled with wispy clouds.

“ [DISOL-ECO] Degraded 98.1% of  
the total hydrocarbons present in a  
24-hour period. ”

Carcote Salt Flats, Ollague,  
Chile / June 2022

# PRODUCT USAGE

DISOL-ECO is formulated to treat spaces most vulnerable to hydrocarbon contamination including:



## WATER

(LAKES, OCEAN, POOLS, ETC.)



## WASTE

(SEWAGE, DEBRIS, ETC.)



## EARTH

(SOILS, VEGETATION, ETC.)



## INDUSTRY

(MACHINERY, FLOORS, TOOLS,  
ETC.)

1.



## DISOL-ECO PROTECTING WILDLIFE: VENEZUELA PROJECT, 2022

Sergio Castellano - National  
Director of DISOL-ECO, Venezuela

- Turtle: Diesel
- Diesel was given by volunteers for treatment
- He was covered in petroleum by a local oil spill in his habitat
- DISOL-ECO easily removed pollution from his shell and from hard-to-reach areas
- Organic materials from DISOL-ECO did not harm Diesel
- His clean-up was efficient
- Water was applied on Diesel to create the hydrolysis effect, cleaning him completely (water as the catalyst)
- “DISOL-ECO can be a solution to save more wildlife”
- Diesel is now named DISOL

2.

WATER TREATMENT PLANT PROJECT:  
HILDAGO, MEXICO,  
November 2022



# 3.



API 8 CRUDE OIL SPILL ON OIL  
WELL-VALVE: MEXICO PROJECT,  
November 2023

Gabriel Carlon, National  
Director and Manufacturer

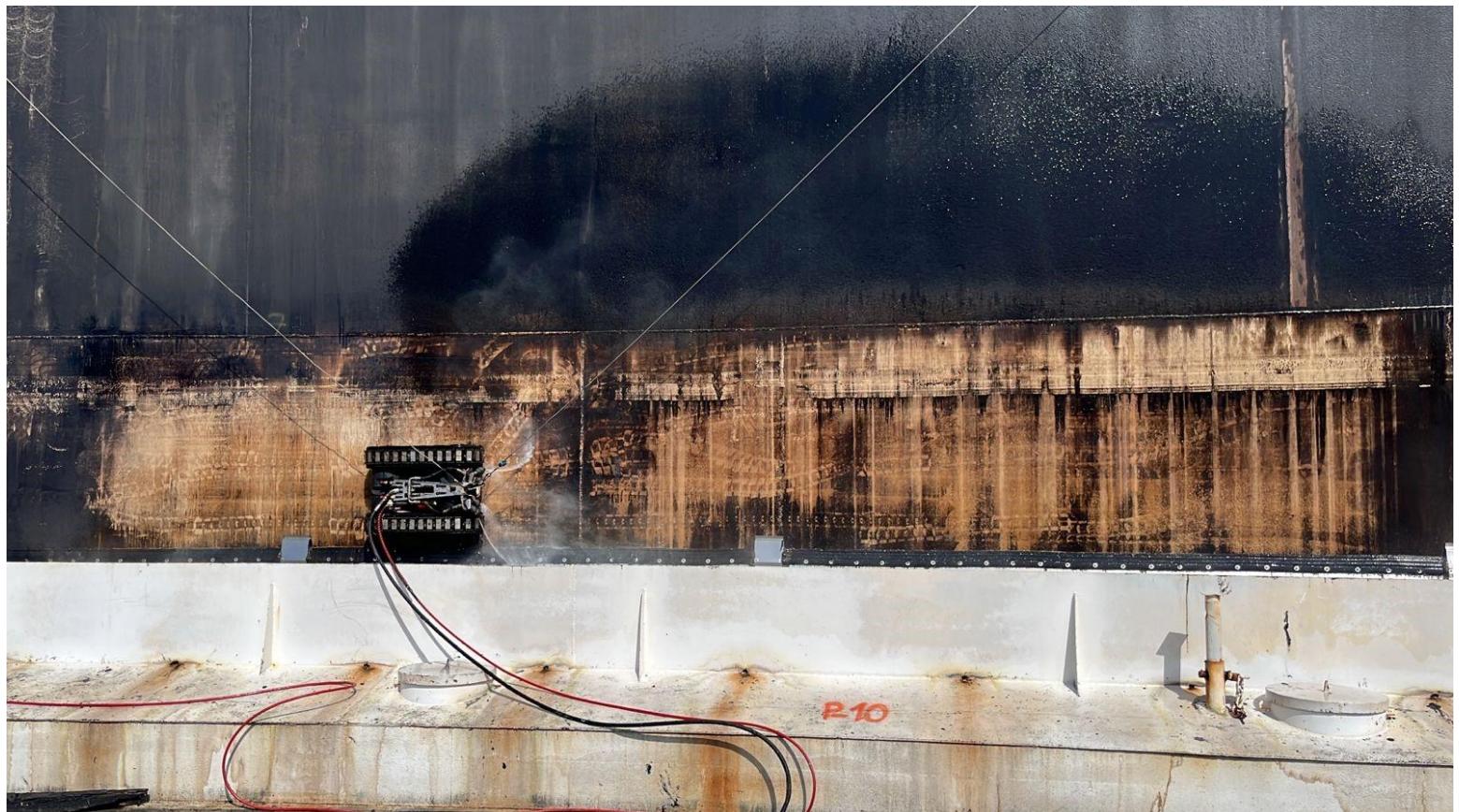
- Company based in Mexico struggles with an API 8 Crude oil spill on oil well valve
- DISOL-ECO product presentation
- Proven efficient

4.



COMPANY PROJECT:  
TEXAS, USA  
2023

- Left for 30 years
- After 3 applications, the wall was clean



# BENEFITS OF DISOL-ECO



## IMMEDIATE & EASY TO USE

Results from DISOL-ECO are immediate after use, and any person can use the product effortlessly



## ACCESSIBLE & COST EFFECTIVE

DISOL-ECO is affordable and available for anything regardless of severity



## DURABLE & LONG-LASTING

DISOL-ECO remediation is strong, can break-down other contaminants only after the first use, and prevent further accidents such as fires



## SAFE & BIODEGRADABLE

Does not harm any human, wildlife, plant, or other living organism

# ALTERNATIVE TREATMENTS

Although other methods of treatment are available, these treatments require various limitations to consider...

METHODS	ADVANTAGES	DISADVANTAGES
Biological Treatments	<ul style="list-style-type: none"><li>Allows intermediate cleaning times</li></ul>	<ul style="list-style-type: none"><li>Most expensive treatment due to energy usage</li><li>Labor and capital intensive</li></ul>
Thermal Treatments	<ul style="list-style-type: none"><li>Cost-effective</li><li>Can be performed in short time spans</li><li>Accessible equipment and easy to maneuver</li></ul>	<ul style="list-style-type: none"><li>Residue has to be treated or disposed</li><li>Transportation and disposal costs</li><li>Requires clearance</li><li>extraction fluids increase mobility of pollutants</li></ul>
Physical & Chemical Treatments	<ul style="list-style-type: none"><li>Technologies are beneficial to environment</li><li>Does not require later treatments</li><li>Cost effective</li></ul>	<ul style="list-style-type: none"><li>Longer treatment times</li><li>Verifying the toxicity of pollutants is required before use</li><li>Can not be used if the type of soil does not contribute to microbial growth</li></ul>

A wide-angle aerial photograph showing a vast expanse of white, fluffy clouds against a clear blue sky. In the distance, the dark silhouette of a mountain range or large landmass is visible. The overall scene is serene and suggests a high altitude view from an airplane.

GREEN TECHNOLOGY  
CHANGING THE WORLD

# THANK YOU

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