



# PRODUCT PRESENTATION DISOL-ECO

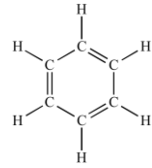
**OSCAR MALDONADO**

President, National Director of  
*Birchwood Business Networking Inc.*  
Canada



# 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.

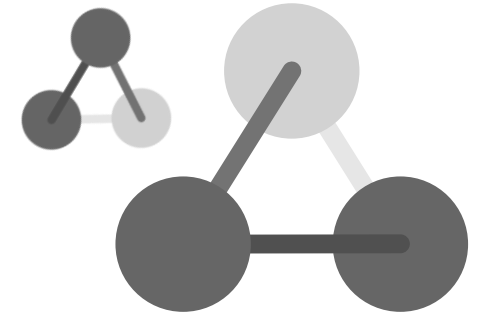


# WHAT IS DISOL-ECO?

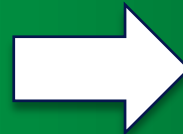
- DISOL-ECO is a molecular hydrocarbon degrader
- Our product is a **water-soluble** product comprised of **surfactants and natural agents** such as soy, coconut and essential oils – remedying affected areas while eliminating odor
- DISOL-ECO has **proven biodegradable** and efficient in the removal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



“ [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 catalyzer)
- “DISOL-ECO can be a solution to save more wildlife”
- Diesel is now named DISOL

# 2.

## WATER TREATMENT PLANT PROJECT: HILDAGO, MEXICO, November 2022



**DISOL-ECO IN WATER TREATMENT PLANT**

# 3.



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

Gabriel Carlon, National  
Director and Manufacturer

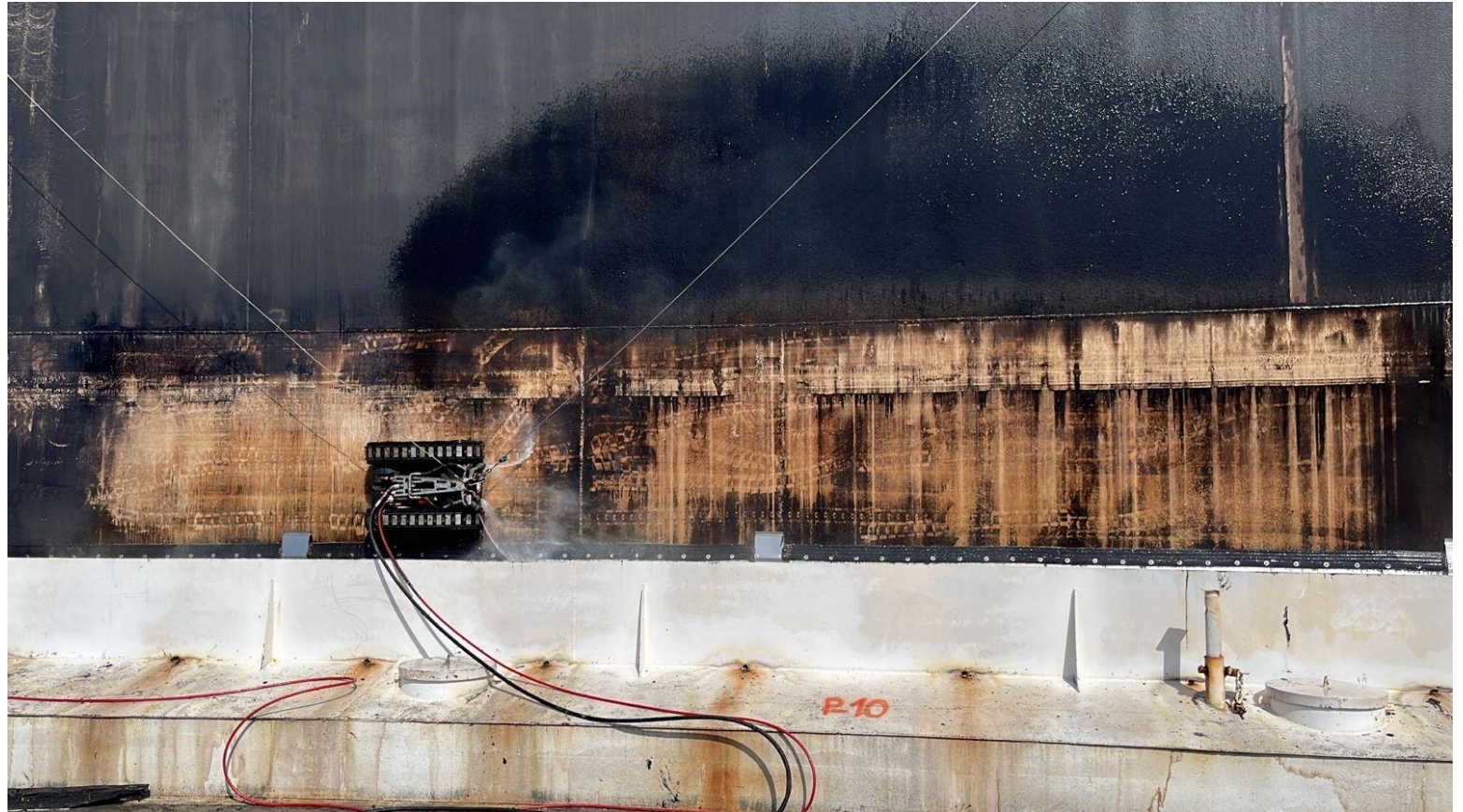
- Company based in Mexico struggles with an API 8 Crude oil spill on oil well valve
- DISOL-ECO product presentation
- Proven efficient

# 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



## 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



## ACCESSIBLE & COST EFFECTIVE

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



## 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>

An aerial view of Earth from space, showing a vast expanse of white clouds over a dark blue ocean. The horizon of the Earth is visible in the upper third of the image. A solid green rectangular box is centered in the middle of the image, containing white text.

# GREEN TECHNOLOGY CHANGING THE WORLD

# THANK YOU

## OSCAR MALDONADO

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## BIRCHWOOD

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