



# 2020

## ESH YEAR-END PROGRAM SUMMARY

**01.**  
ADVOCACY &  
GOVERNANCE



**02.**  
COVID-19  
RESPONSE



**03.**  
HEALTH &  
WELLNESS



**04.**  
TARGET  
ZERO



**05.**  
GO  
GREEN



**06.**  
REMEDICATION





# ADVOCACY & GOVERNANCE

## ESH MANAGEMENT SYSTEM

Enterprise ESH Management System certification to **ISO 14001** and **ISO 45001** standards with 44 sites certified to one or both standard. Completed 13 Third Party Registrar site audits.



## GLOBAL COMPLIANCE ASSURANCE AND RISK MANAGEMENT

**12**  
**COMPLIANCE ASSESSMENTS:**  
10 peer and 2 third party assessments facilitated across the business areas

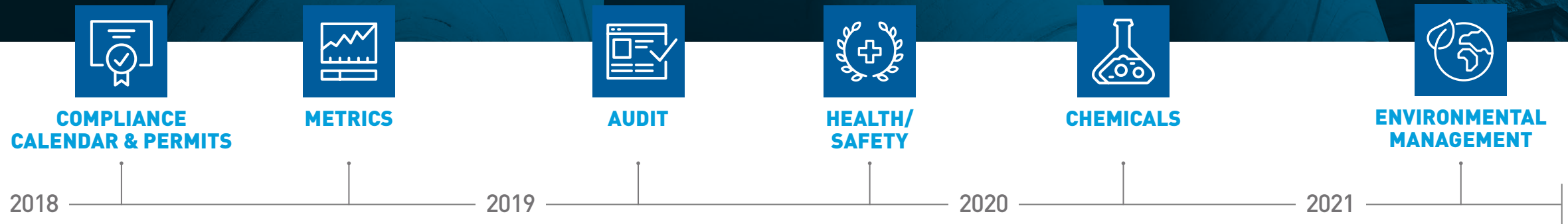
**13**  
environmental site assessments completed for real estate transactions to protect people and the environment

**54**  
**FORUMS HOSTED:**  
regulatory, compliance and management system needs including 2 regionally focused events

**25,000**  
lbs of household hazardous waste collected and diverted from municipal waste streams

**61,000**  
lbs of electronic waste collected through 8 events

## OUR DIGITAL JOURNEY



## 2020 PERFORMANCE

**10,159**  
Active Compliance Tasks

**600** Permits

**100%**  
Go Green Metrics Tracked

**3,799**  
Scheduled Inspections

**2,113**  
Job/Task Hazard Analyses

**945**  
Close Calls/Positive Observations

**1,020**  
Lithium Battery Test Summary Documents





# COVID-19 RESPONSE\*



## INITIATED

pandemic efforts, leadership engagement and employee awareness



## ACTIVATED

pandemic plan, convening crisis management and business resiliency teams across the enterprise, business areas and regionally

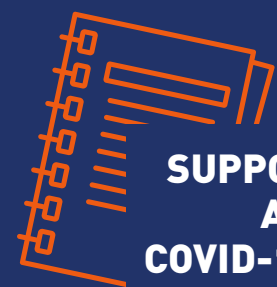


## COLLABORATED

with cross functional teams to ensure pandemic supply shortages were addressed and mitigated and appropriate compliant and safe products distributed



**75,000+**  
VIEWS ON 12  
VIDEOS PRODUCED  
AND PUBLISHED  
THROUGHOUT 2020

## SUPPORTED LEADER AND EMPLOYEE COVID-19 PLAYBOOKS AND FACILITIES HANDBOOK

Guidance and processes for health and safety, telework and virtual collaboration, travel guidance, facility design and operation

COVID-19 AWARENESS METRICS

**26**  
GUIDANCE DOCUMENTS DEVELOPED AND RELEASED

**43**  
EMPLOYEE-MADE VIDEOS SUBMITTED FOR THE 'I WEAR BECAUSE I CARE' VIDEO CONTEST

**180**  
DAILY REVIEWS OF MULTIPLE REGULATORY WEBSITES

**51,982**  
COVID-19 TESTS ADMINISTERED TO EMPLOYEES AND FAMILIES

**110,000**  
EMPLOYEES MANAGED/MONITORED/DIRECTED FOR SAFETY

**172,397**  
VISITS TO COVID INSIGHTS WEBSITE

**9 MILLION**  
MASKS PROCURED AND DISTRIBUTED ACROSS THE ENTERPRISE

\*Highlights activities in which Corporate ESH had a significant role; does not reflect the totality of Lockheed Martin COVID-19 response activities.







# HEALTH & WELLNESS

## 2020 BY THE NUMBERS



**23,743**  
Surveillance Exams



**7,049**  
Hearing Tests



**525**  
Custom Hearing  
Protection Devices



**CONDUCTED**  
Suicide Awareness  
& Opioid Summits



**26**  
SITES



**30**  
CENTERS



## HEALTH & WELLNESS MARKETING ENGAGEMENTS

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
<b>FOCUS ON YOU</b> Tanita Body Composition	<b>HEART HEALTH</b> Biometric Screenings	<b>ALLERGIES</b> Sleep	<b>STRESS MGMT</b> Virtual Health	<b>VIRTUAL HEALTH</b> Lifestyle Medicine	<b>MENTAL HEALTH</b> Diabetes Awareness	<b>DON'T DELAY CARE</b> Cancer Screenings	<b>PATIENT CENTERED SERVICES</b> Lifestyle Medicine	<b>BE PROACTIVE</b> Flu Vaccines	<b>COLD VS FLU VS COVID-19</b> Onsite Lab Services



# TARGET ZERO

 **300,000**  
LEADER ACTIONS

Target Zero leader application tracks leader safety-related actions

EXTERNAL RECOGNITION



## 2020 Structured Improvement Activity (SIA)

Focusing on safety topics such as ergonomic postures and risks, lean process wastes, and material handling – encompassing:

 **5**  
EVENTS

 **5**  
SITES

 **27**  
OPERATIONAL AREAS

2020 GOAL

PERFORMANCE

RECORDABLE INCIDENT (N/A)



**0.90**

DAY AWAY CASE (0.18)



**0.23**

SEVERITY (4.62)



**5.06**

THREE-YEAR RATE

## ERGONOMICS



**24<sup>TH</sup>**  
INTERNATIONAL  
ANNUAL APPLIED  
ERGONOMICS  
CONFERENCE

**8**  
TEAMS ACCEPTED  
AS FINALISTS

**8<sup>TH</sup>**  
ANNUAL LOCKHEED MARTIN ERGO CUP COMPETITION ENGAGEMENT RESULTS

**43**  
FINALISTS  
ACCEPTED FROM 49 SUBMISSIONS  
FROM ACROSS ALL BUSINESS AREAS:

- Aeronautics – 4
- Enterprise Operations – 2
- Missiles & Fire Control – 7
- Rotary and Mission Systems – 28
- Space – 2

**2,051**  
UNIQUE VISITORS  
TO BRIGHT IDEA ERGO  
CUP HOMEPAGE

**2,219**  
EMPLOYEES  
WEIGHED IN TO VOTE  
FOR THEIR FAVORITE  
ENTRIES

**TOP 3**  
WINNERS  
SUBMITTED TO  
THE APPLIED  
ERGONOMICS  
CONFERENCE  
FOR SELECTION  
TO PARTICIPATE  
IN EXTERNAL ERGO  
CUP COMPETITION








# GO GREEN

**2030 GOAL**

REDUCE **CARBON EMISSIONS** PER \$ GROSS PROFIT BY

**70%**

\*2015 BASELINE




**2025 GOALS**

REDUCE **ENERGY** PER OCCUPANT BY

**14%**

\*2016 BASELINE



REDUCE **WASTE** PER OCCUPANT BY

**11%**

\*2016 BASELINE



**ENERGY COST AVOIDANCE**

**\$25M**

\*COMPARED TO 2016

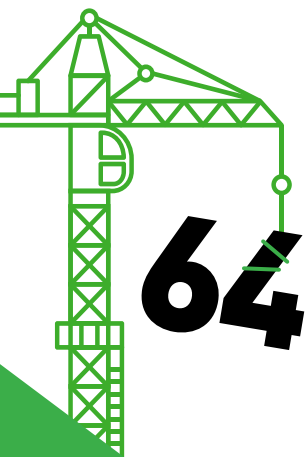
**2020 PERFORMANCE**

**39%**

**14%**

**9%**

COMMITTED TO OUTPERFORM THE SCIENCE-BASED TARGET TO PREVENT 1.5C° WARMING BY REDUCTIONS IN SITE ENERGY USAGE



**64**

energy efficiency projects, **47 million** kWh of electricity, **186 thousand** MMBTU of natural gas, avoiding **\$4.6 million** in costs annually



**PARTNER OF THE YEAR**



**Shelton Overhaul & Repair Facility**



**MFC Orlando Southpark Center**  
(ID+C Gold)



**2** Project awards



**12** Waste reviews and evaluations  
(Hazardous Waste, Construction and Demolition, 3rd Party)

**DEVELOPED**  
Go Green dashboard

**12**  
DISPLAYS

**10**  
METRICS





# REMEDIATION

## FORMER LOCKHEED ROCKET TEST SITE

From the 1960s and early 1970s, Lockheed Propulsion Company tested solid rocket propellant and motors at Potrero Canyon, a remote, 9,117-acre site in Beaumont, California. Portions of the site were also leased to other companies for testing ballistics and weapons. Cleanup operations began at the site in 1986 and continued through 2002. In 2002, 1,4-dioxane, a newly regulated chemical was identified in the groundwater. Lockheed Martin worked with the California EPA's Department of Toxic Substances Control (DTSC) to conduct additional investigations and review remediation alternatives for the site.

In summer 2018, final environmental cleanup at Potrero Canyon began that included capping a landfill at the site, a small excavation of PAH contaminated soil, and construction and operation of a groundwater treatment system (below/left) to treat 1,4-dioxane through an advanced oxidation process. Lockheed Martin completed implementation of environmental remedies in 2019 and the first year of operation of the groundwater treatment system in September 2020. Another regulated chemical, perchlorate, is also being treated at the site using the natural biodegradation (phytoremediation) provided by the riparian habitat at the site rather than implementing another engineering technology.



Potrero Canyon is home to the Stephens' Kangaroo Rat (left) and various other threatened or endangered plants and wildlife. Lockheed Martin took steps throughout the construction as it has during all site work to protect the environment by minimizing earth-work in streambeds and rivers, implementing requirements for work to be completed only in day-time hours, requirements for all workers to be trained on how to avoid impacting SKR, nesting birds, and other wildlife and sensitive plants.



**POTRERO CANYON TEST SITE**  
(CIRCA 1960 - 1970s)



## REMEDIATION METRICS



**21 SYSTEMS**  
OPERATING TO PUMP AND TREAT CONTAMINATED GROUNDWATER



**7 SYSTEMS**  
OPERATING TO COLLECT AND TREAT CONTAMINATED SOIL VAPORS



**15 BILLION**  
GALLONS OF WATER TREATED ANNUALLY



**3 BILLION**  
CUBIC FEET OF SOIL VAPORS TREATED ANNUALLY



**600,000**  
COMMUNITY RESIDENTS USE TREATED WATER FROM OUR SYSTEMS



**OVER A TON**  
OF CONTAMINANTS REMOVED FROM THE ENVIRONMENT IN 2020 ALONE, (177 TONS TO DATE)

