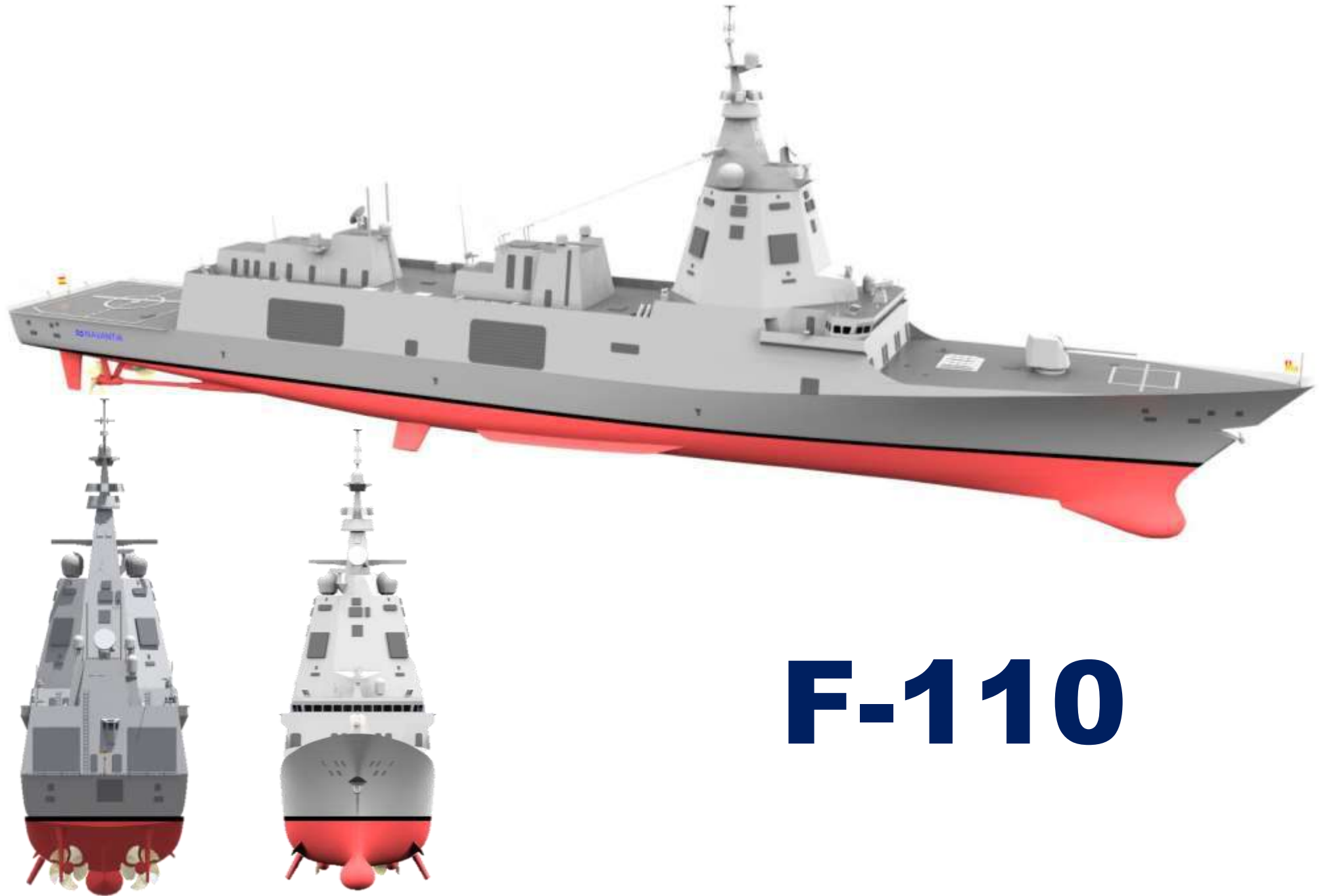
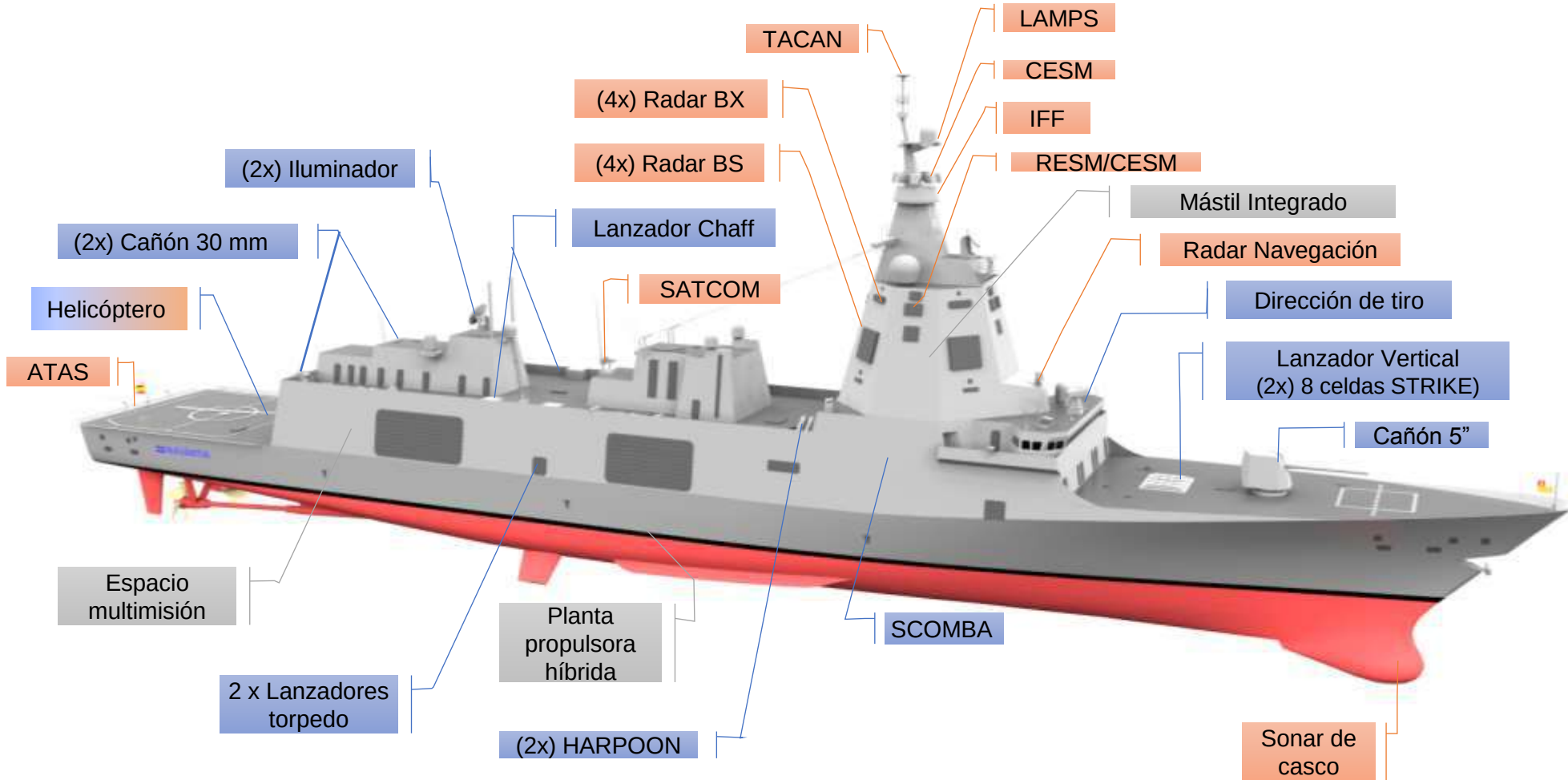




F-110

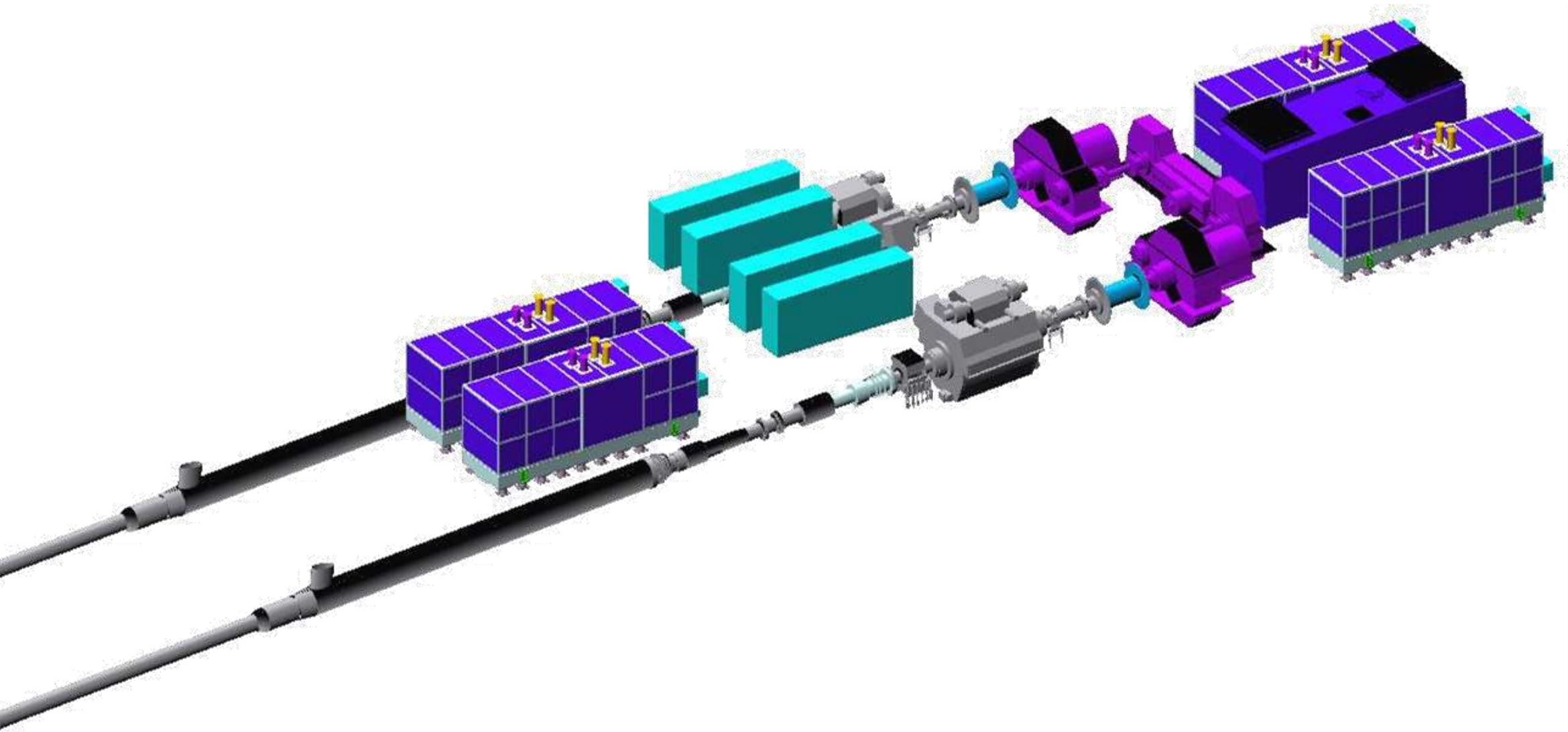
Armas y Sensores



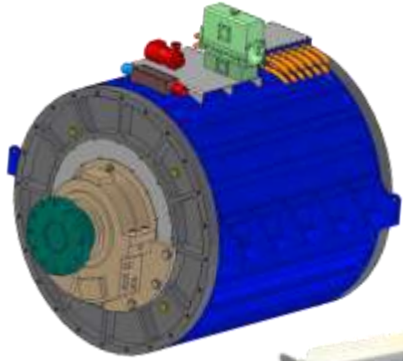
Estándares



Propulsión



Propulsión híbrida



2x **3.4**MW



17 911 Turbo



Planta



4X DDGG encapsulados 3MW



11,5MW_E



Programas tecnológicos



- 1 IRST
- 2 RADAR AESA BANDA X
- 3 RADAR AESA BANDA S
- 4 SCOMBA
- 5 HPAG
- 6 CESM
- 7 IFF
- 8 RESM
- 9 RECM
- 10 CIST (INTEGRACIÓN SENSORES EN TIERRA)

Misión: Generar nuevos productos o mejorar productos existentes en áreas estratégicas para la industria

■ Lidera
Indra

■ Lidera
Navantia

■ UTE
Indra + Tecnobit

2015

2016

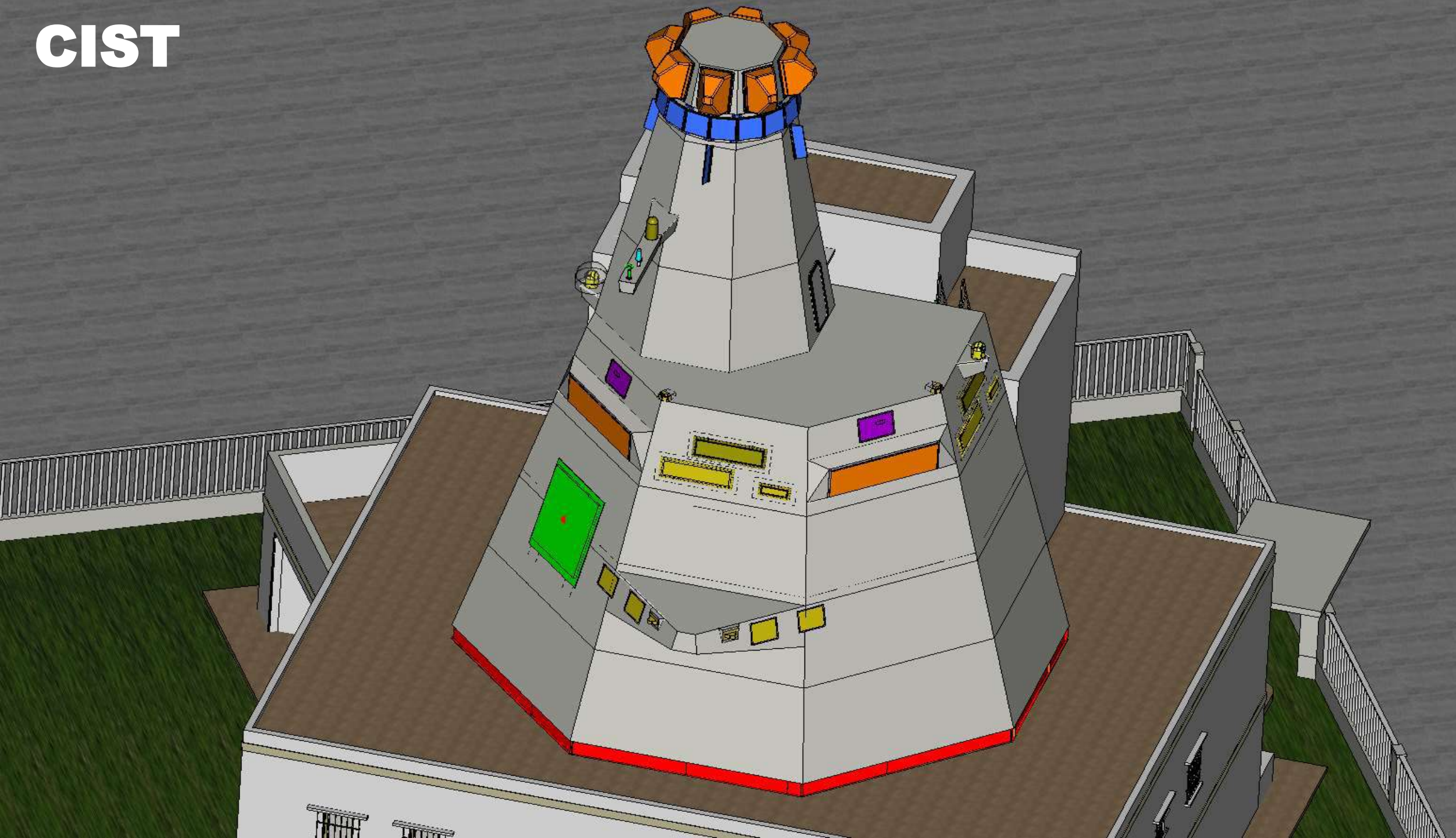
2017

2018

2019

2020

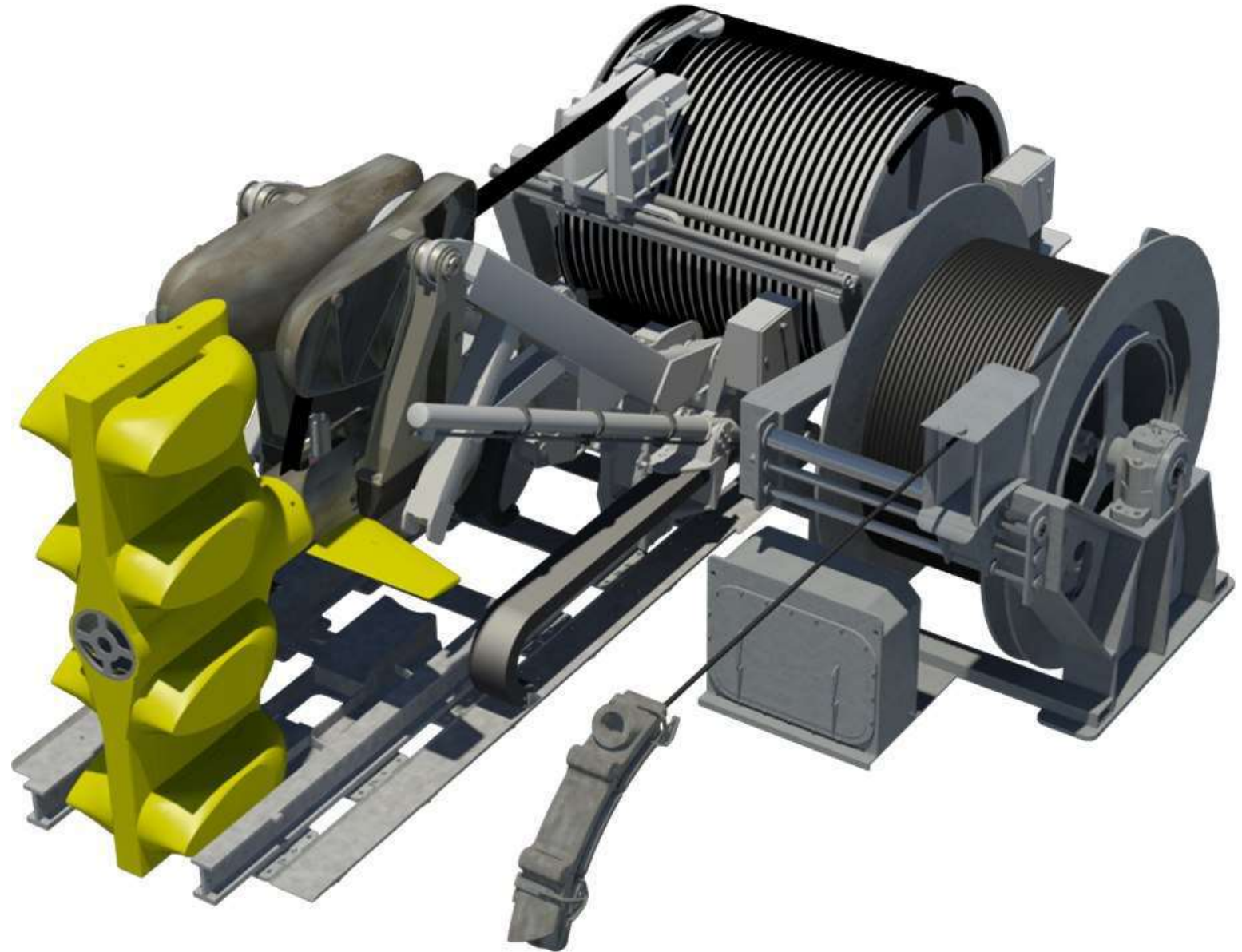
CIST



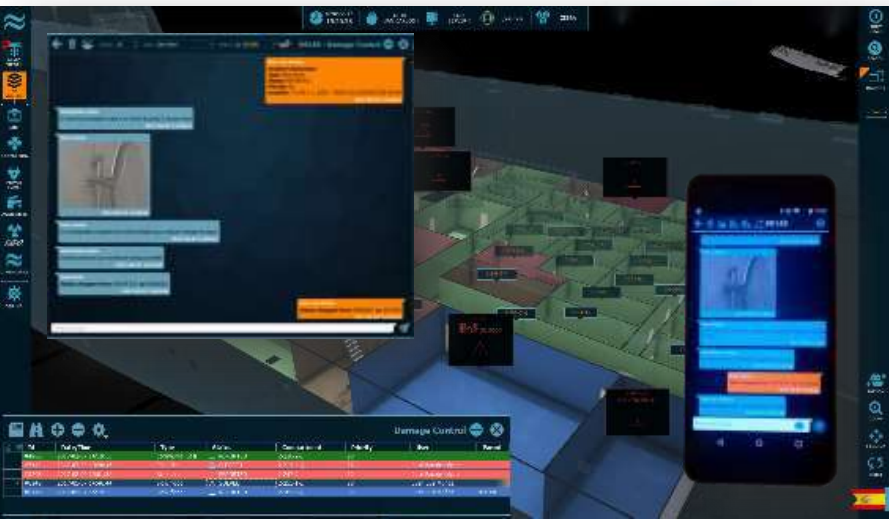


Espacio Multimisión

Sonar remolcado



SICP 4.0



SICP 4.0



Navantia



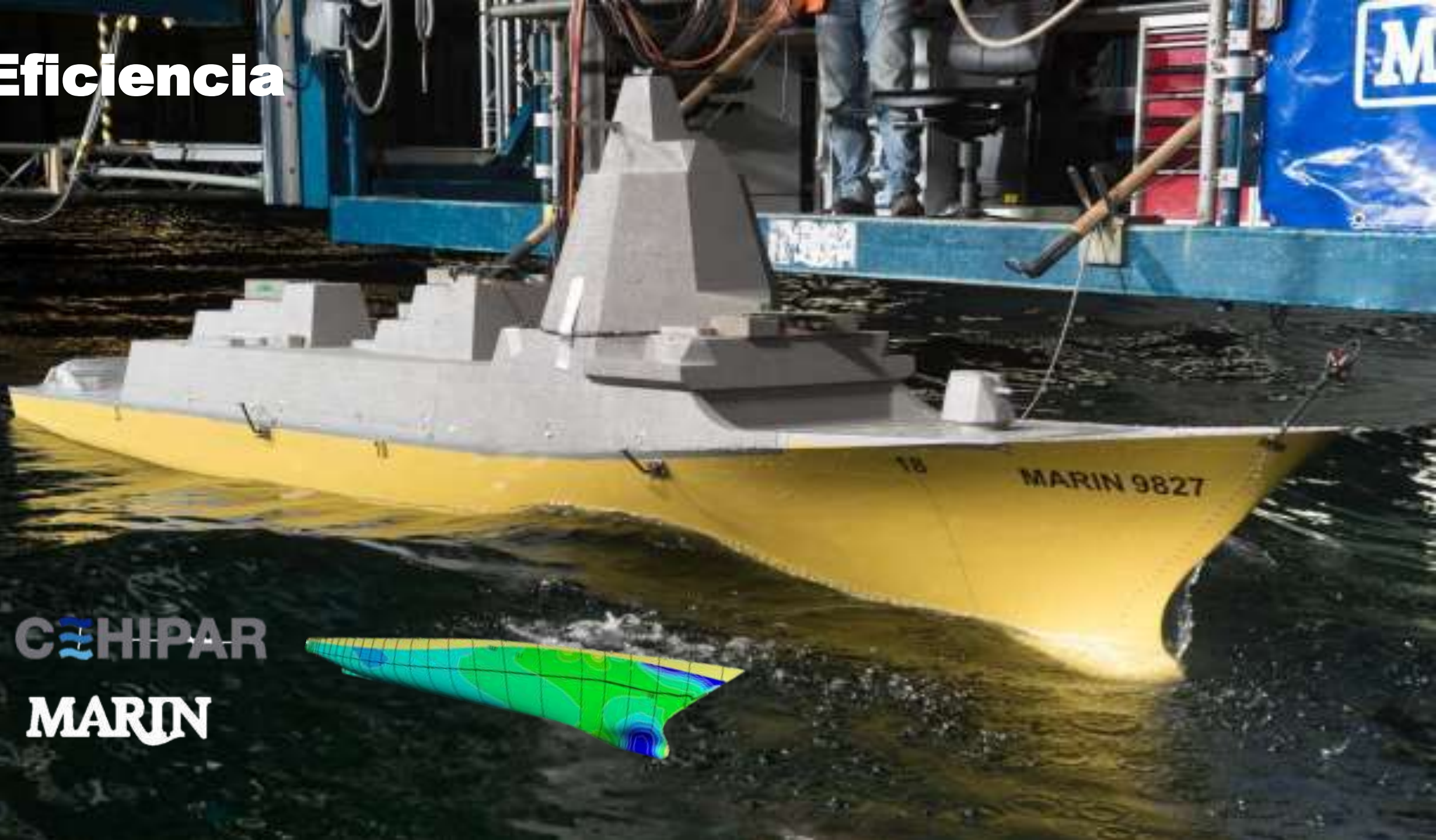
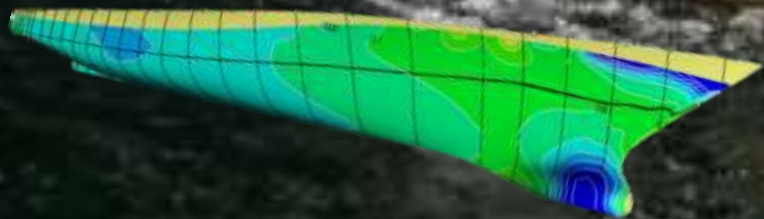
The image shows a sophisticated maritime simulation training environment. In the foreground, a large curved desk is equipped with multiple touchscreens and control panels. One screen displays a radar-like map with yellow and green areas on a blue background. Another screen shows a detailed dashboard with various gauges, dials, and data readouts, including a large digital display showing '24.1' and '34.2-20.0'. A third screen shows a 3D model of a ship. In the background, several other individuals in dark uniforms are working at similar stations, and large windows provide a view of the outside world. The overall atmosphere is professional and high-tech.

Simulación adiestramiento



Eficiencia

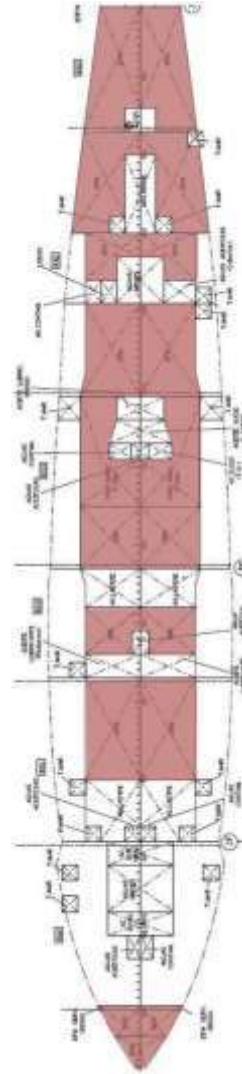
CEHIPAR
MARIN



Ecológico



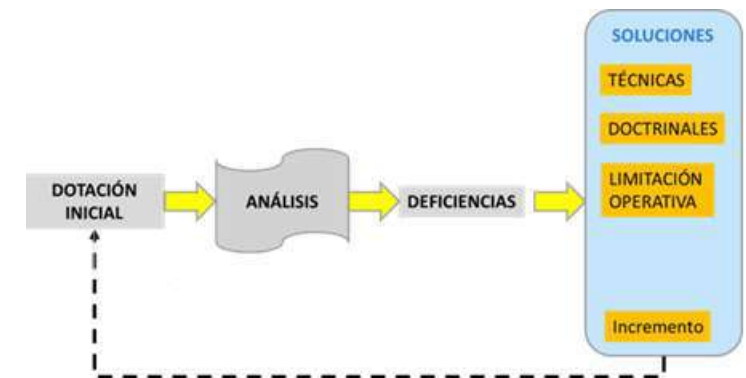
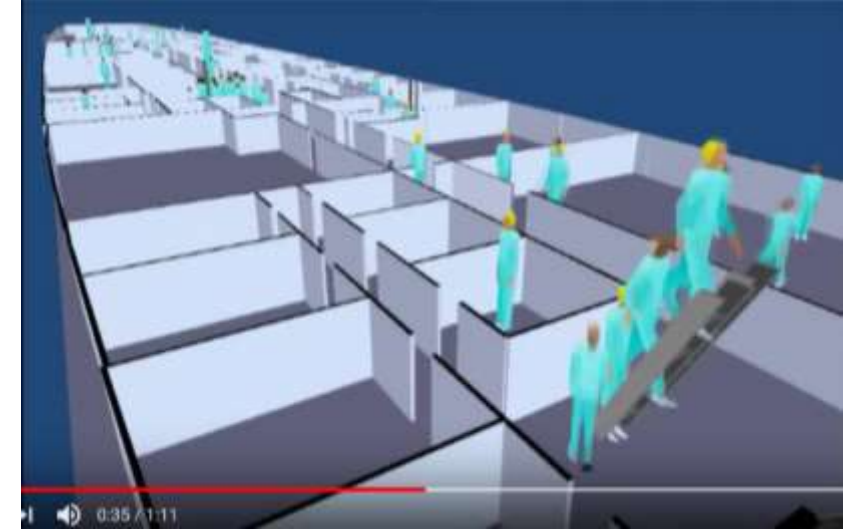
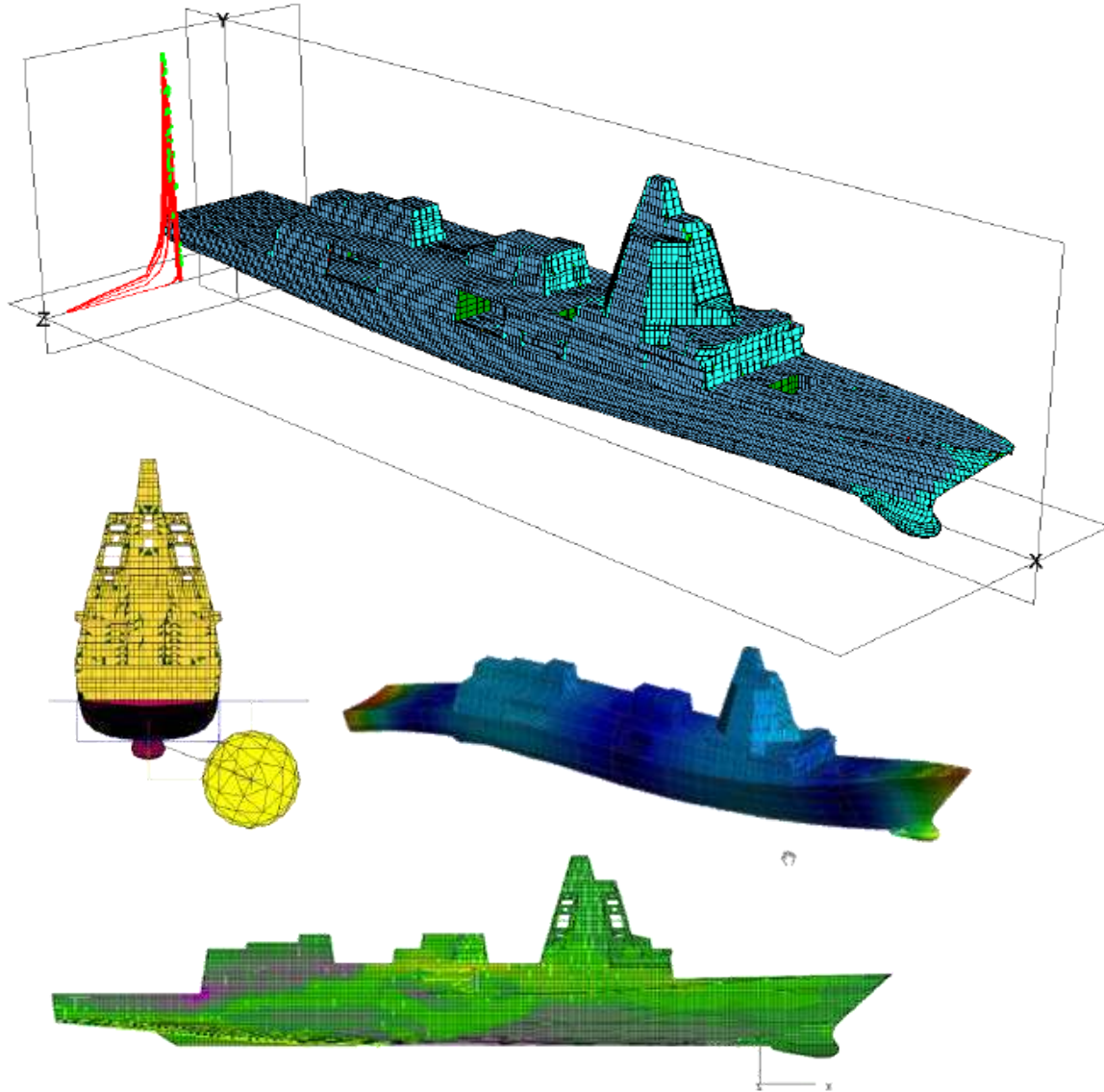
**INTERNATIONAL
MARITIME
ORGANIZATION**



Habitabilidad



Cálculo y Simulación



IoT Ciberseguridad



Astillero 4.0



Diseño orientado a la producción





Universidad
Carlos III de Madrid

UNIVERSIDADE
DE VIGO



Sainsel



Indra



IFEN S.p.A.



THALES



BUREAU
VERITAS



Retorno



Demanda agregada
~1.500M€ anuales

PIB
+590M€ anuales



Plantilla directa de Navantia



Industria Auxiliar



Indirectos generados en otros sectores a través de la cadena de suministro



F-110



La Navantia del siglo XXI