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ACTING COLLECTIVELY TO
BRIDGE SPACE AND SOCIETY

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THE CHALLENGES OF THE BLUE WORLD
WEBINAR SERIES

Maritime Spatial Planning
February 25th 2021
17-18 PM CET



Giovanni Sylos Labini, DTA Board
Planetek Italia CEO

Apulian Cluster for Aerospace Technology



Key Facts

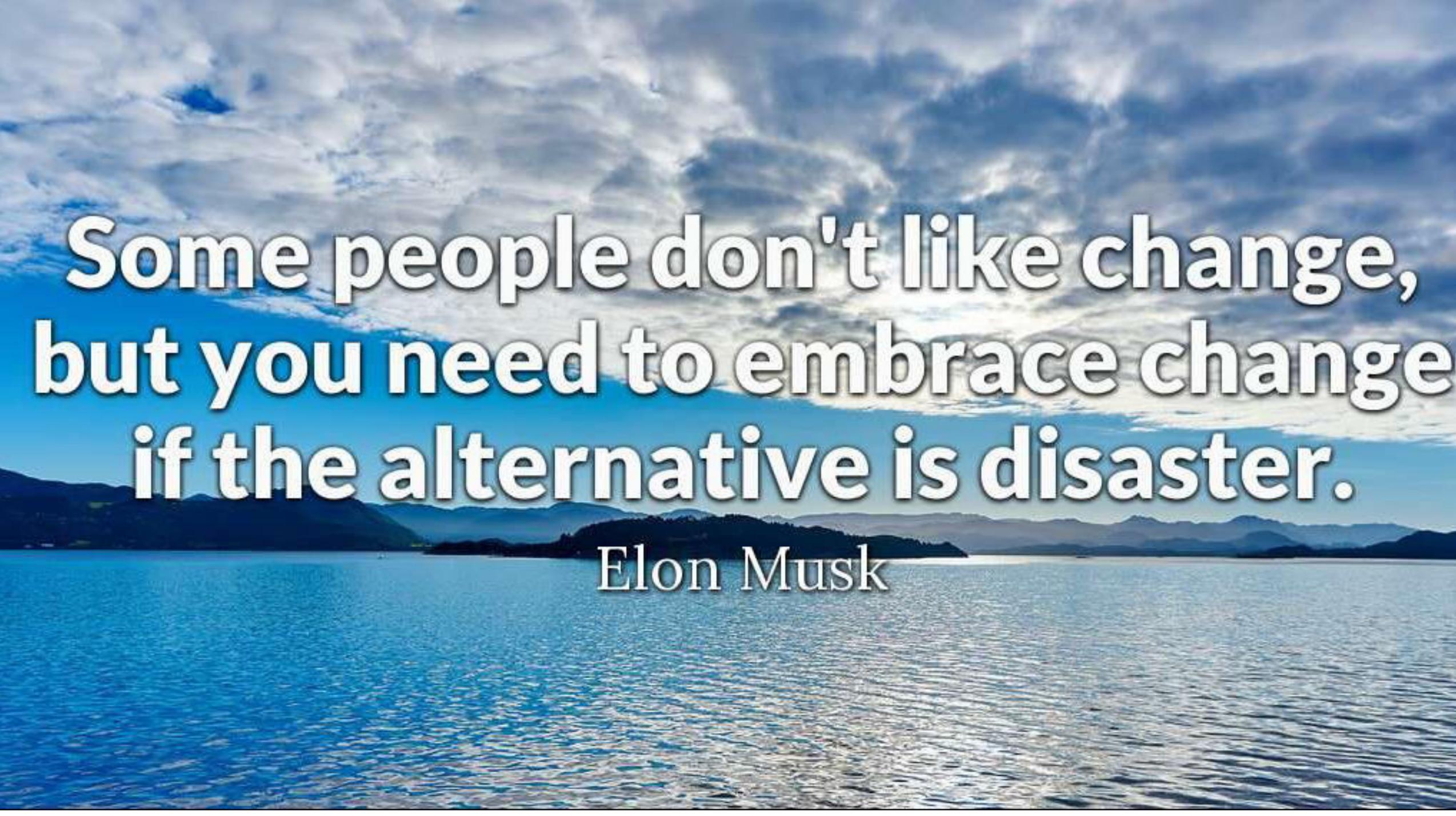
- ⑩ 80+ Companies
- ⑩ 5000+ Direct employees
- ⑩ 575M+€: Export (2016)
- ⑩ Since 2014 100+M€ in R&D activities

Aeronautics

- Aerostructure (fixed and rotary wing),
- Propulsion system, Avionic, Software, Interiors

✓ Space

- Satellite (design and manufacturing)
- Satellite data management and service provision
- Downstream application

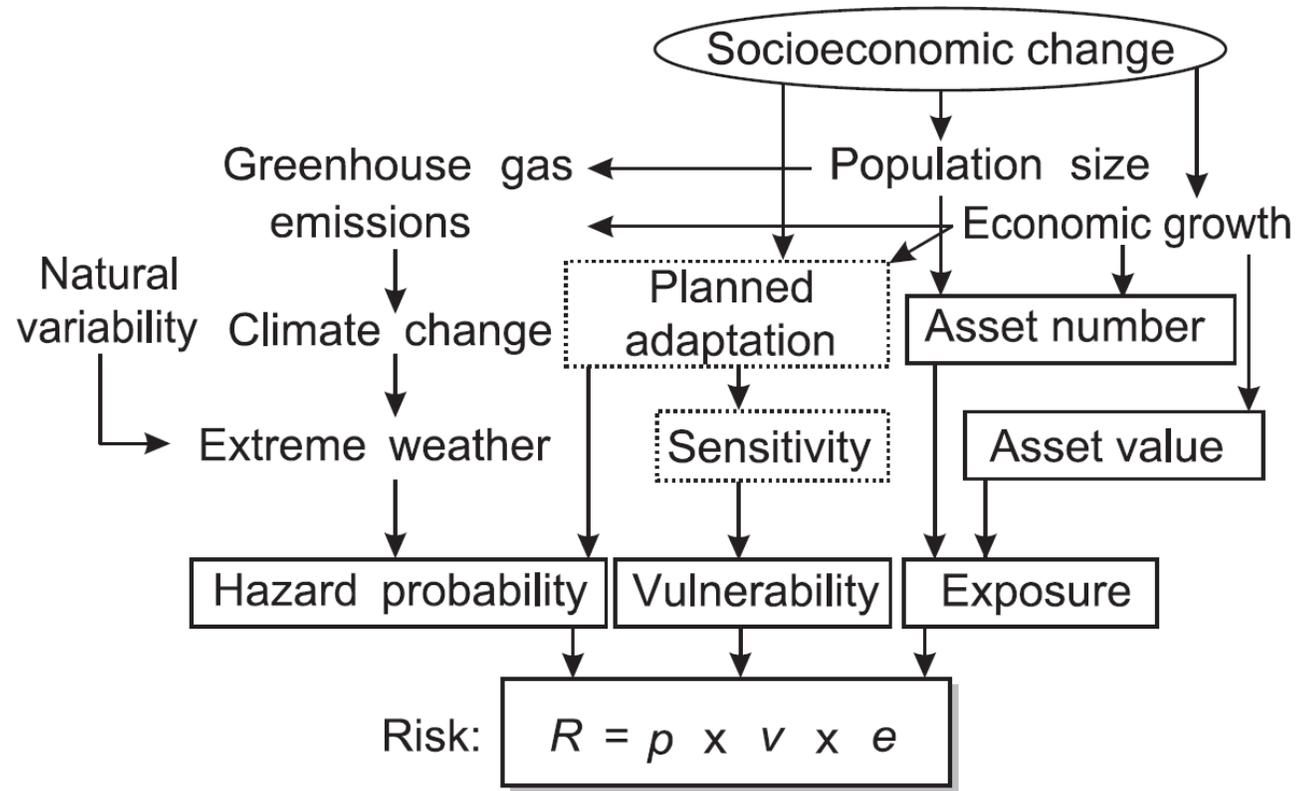


**Some people don't like change,
but you need to embrace change
if the alternative is disaster.**

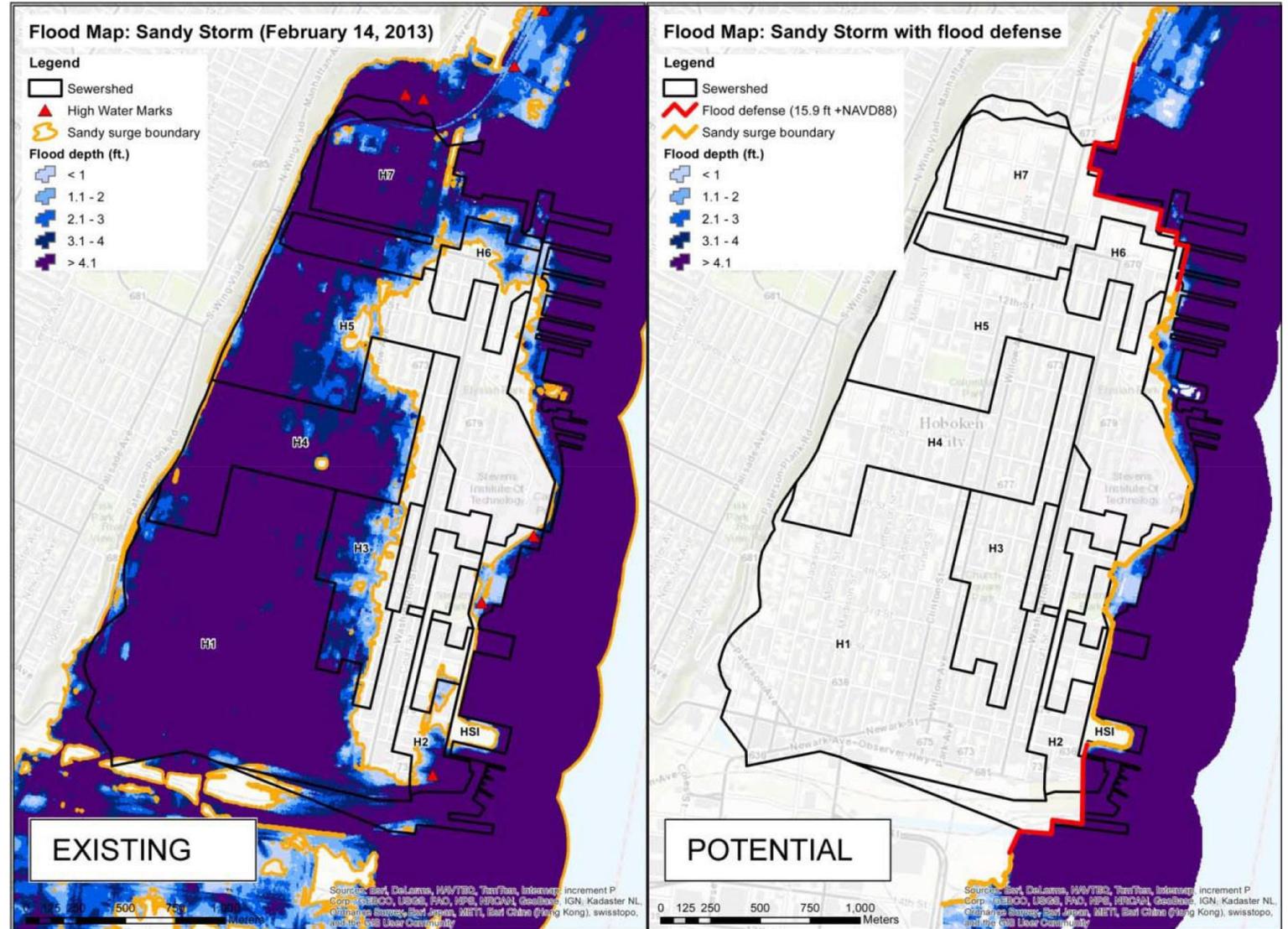
Elon Musk

Risk Modelling and Climate Change

Framework for modelling risk from extreme weather events (from Bouwer, 2013)



In order to understand the risk to a particular city or community, it is important to understand the exposure (i.e. the assets and/or population) at risk on a detailed level, including location, usage, types of loss, value, construction



Hoboken flood map with and without flood defenses (Rebuild by Design, 2014).

Thematic hotspot monitoring in coastal zones

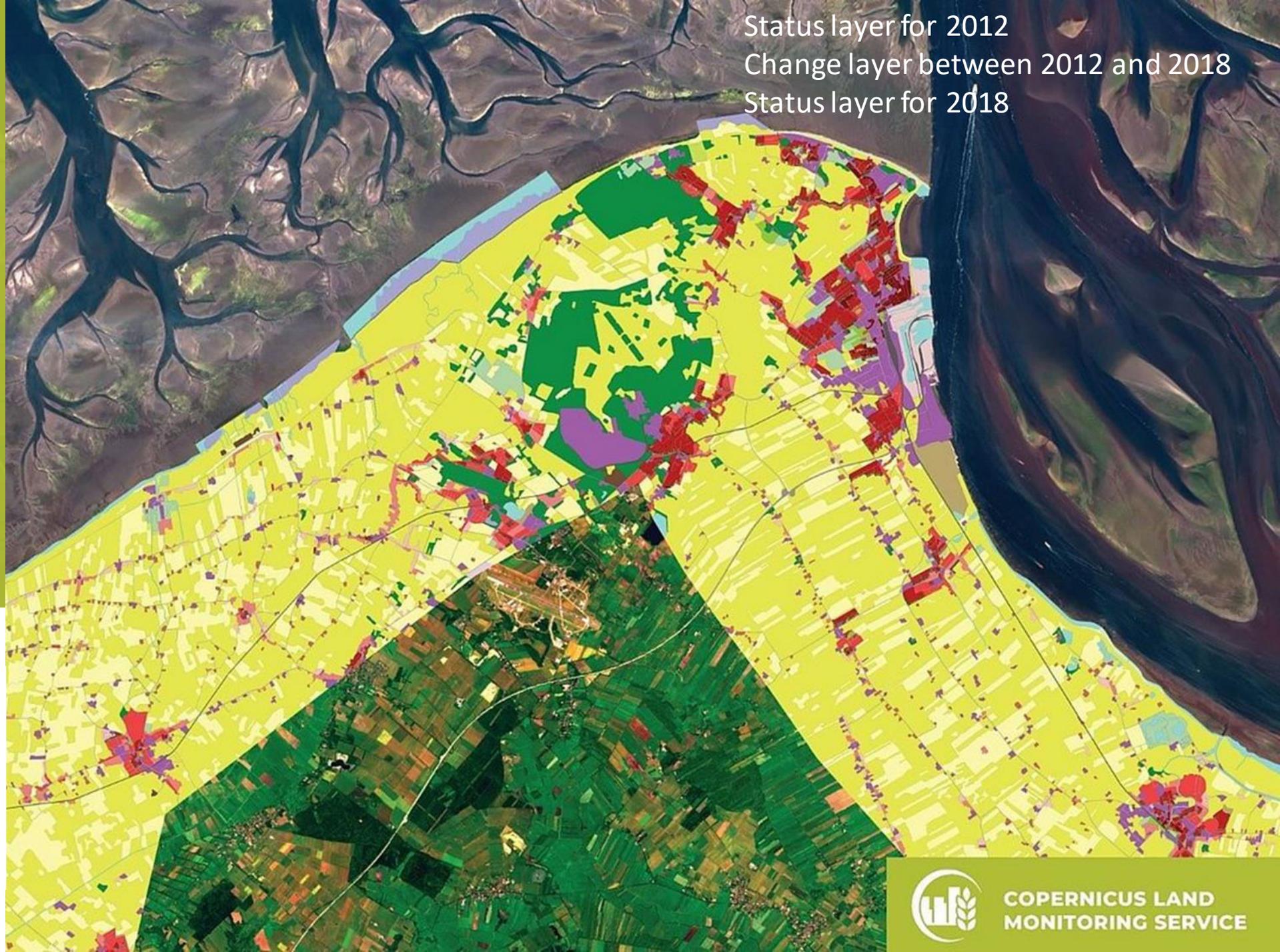
New Product Update 2019-20



Implemented by



Status layer for 2012
Change layer between 2012 and 2018
Status layer for 2018



The new products will cover all European coastal territory to an inland depth of 10 km with a total area of approximately 730,000 km². The products will have a minimum mapping unit of 0.5 ha and record around 60 LC/LU classes.

In the framework of the ARIA-3 the Climate Resilience Service within the ESA Atlantic Regional Initiative



End-Users

