



Commodore Phil Nash, RN

Deputy Director

Combined Joint Operations from the Sea Centre of
Excellence (CJOS COE)



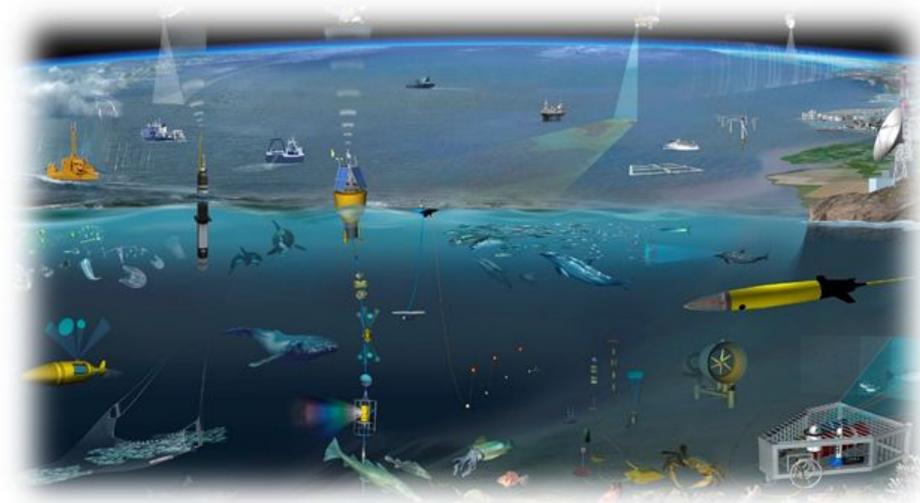
ASW SDI Barrier - Unified Concept

- Mitigating the ASW capability gap combining Legacy units with MUS.
- Unifying all areas of underwater threats fusing technology & operational considerations
- Hold at Risk concept & mission sets
 - Choke point
 - Friendly port protection
 - Bay protection
 - Hostile port monitoring
- Sea Shield & Protected Passage concept
 - Low/high speed HVU protection
- CUI protection mission sets
 - Underwater Pipelines/cables
 - Offshore platforms
- Wide Area Surveillance

ASW Barrier - SDI 1.1217 project

“DASWB Unified Concept”

For a Deployable ASW Barrier consisted of conventional and unmanned systems

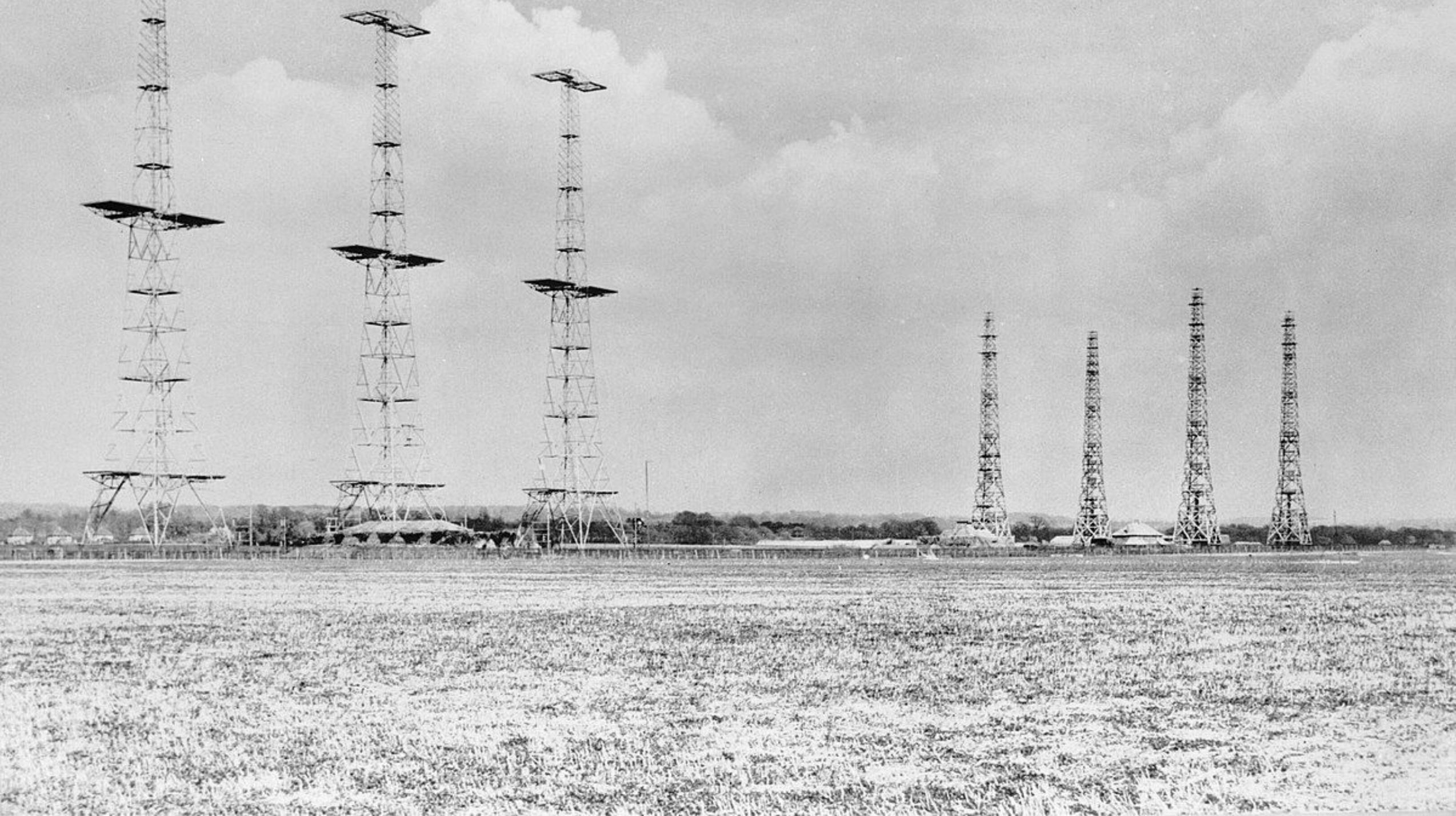


Unified Concept V1.0 was published Feb '24

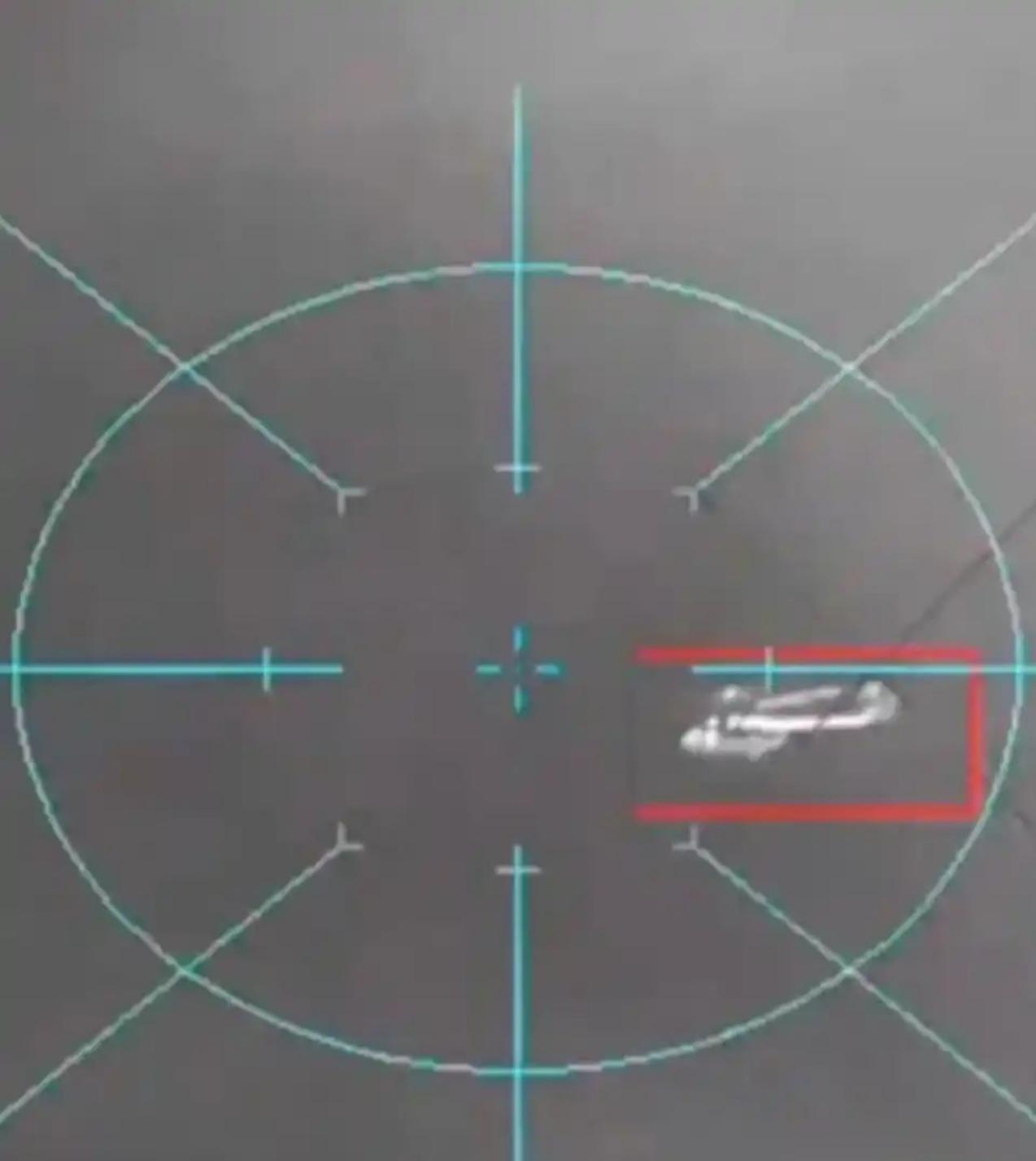
Unified Concept V2.0 is in development











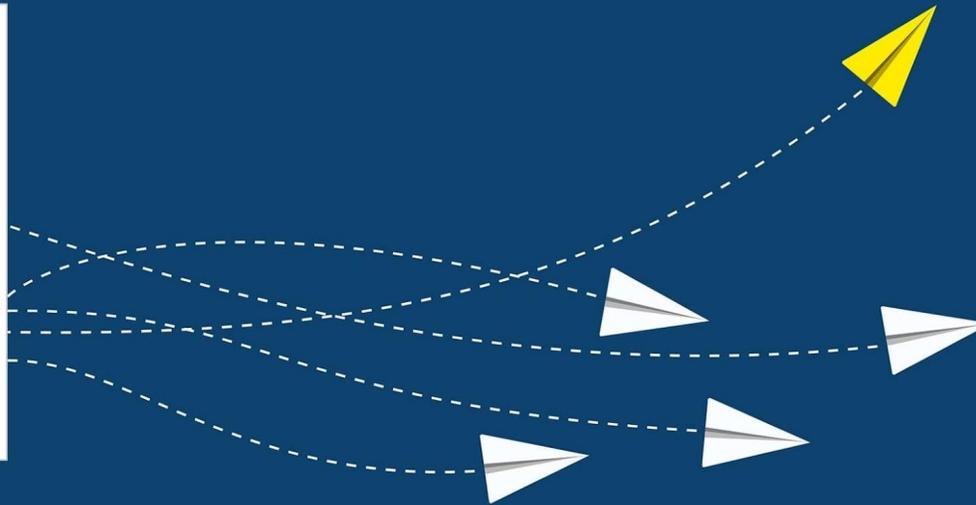
ГОЛОВНЕ
УПРАВЛІННЯ
РОЗВІДКИ



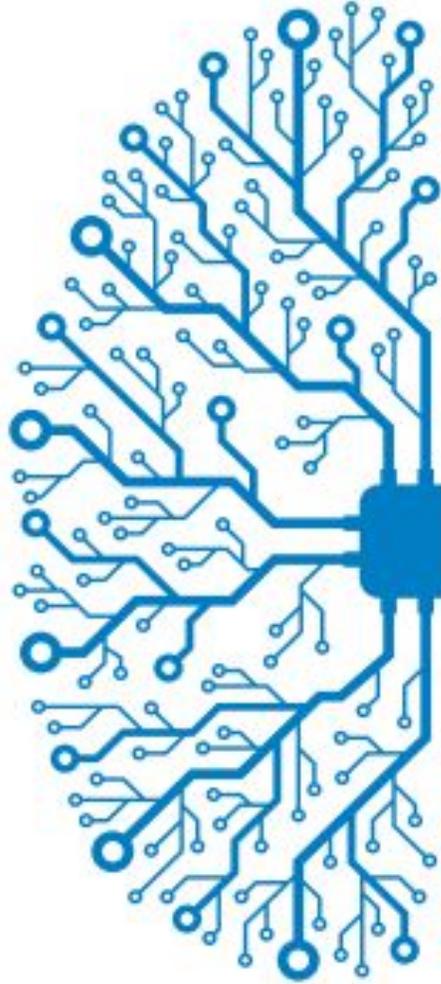
LEADING CHANGE

JOHN P. KOTTER

1: Establishing a Sense of Urgency



Evolution
Corporate
Control & monitor
Scale
Cause and effect
Optimize
Cost



Ambidextrous



Revolution
Start-up
Trial & error
Speed
Cause an effect!
Create
Breakthrough



"Inspiring... a riveting reminder of how hard protecting our nation's security can be, and how much depends on the ingenuity of a select few. A must-read."
—WALTER ISAACSON, *New York Times* bestselling author of *STEVE JOBS* and *ELON MUSK*

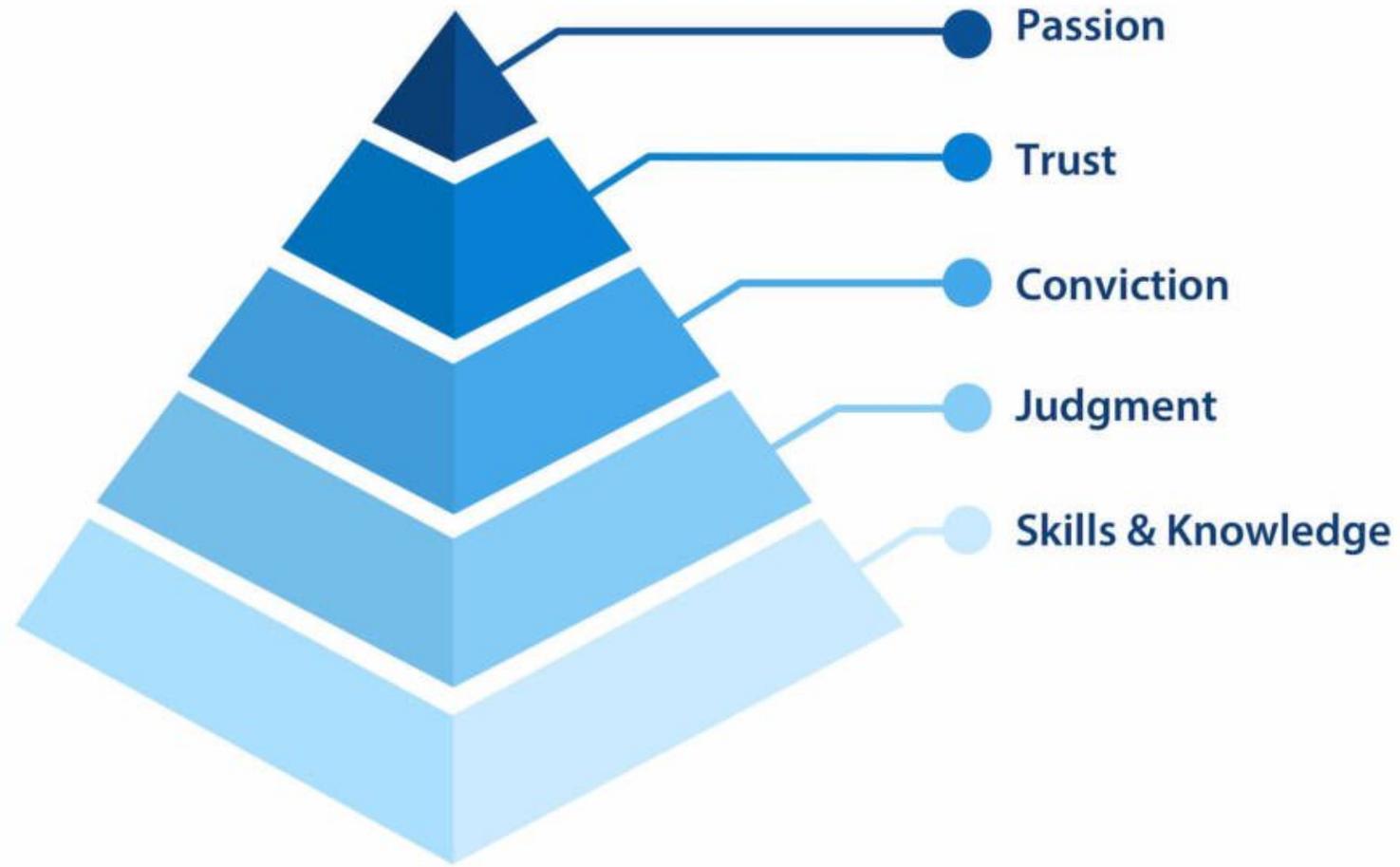
UNIT X

HOW THE PENTAGON AND
SILICON VALLEY ARE TRANSFORMING
THE FUTURE OF WAR



RAJ M. SHAH AND CHRISTOPHER KIRCHHOFF

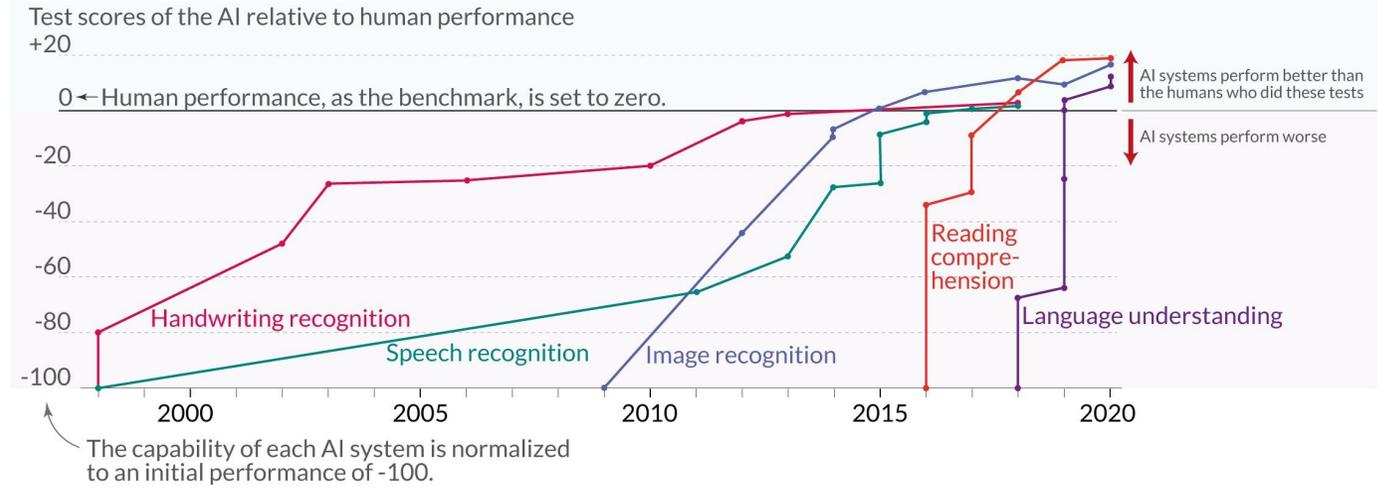
FOUNDATIONAL ELEMENTS OF TRANSFORMATIONAL LEADERSHIP





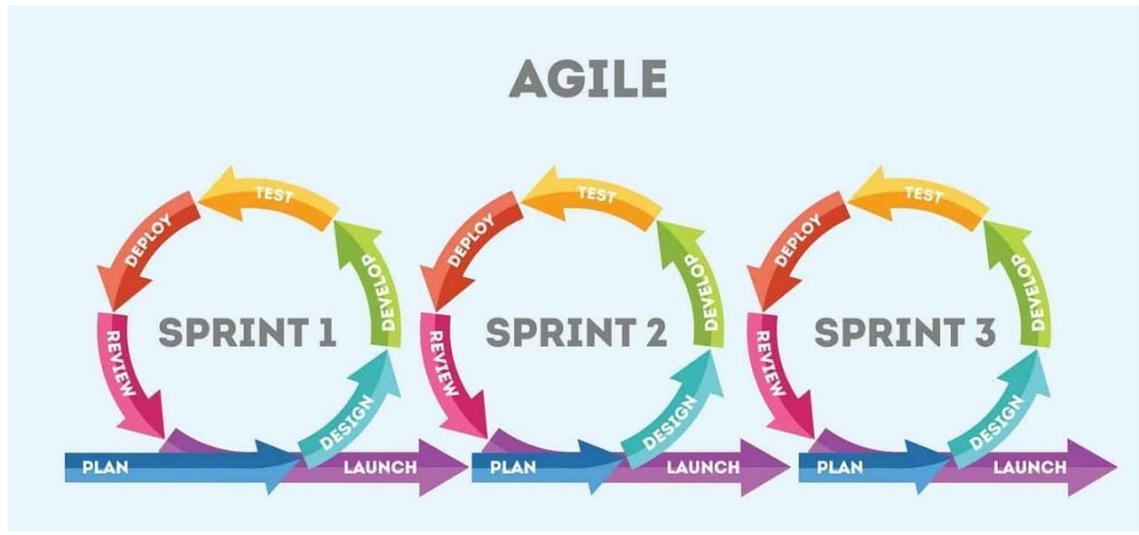


Language and image recognition capabilities of AI systems have improved rapidly

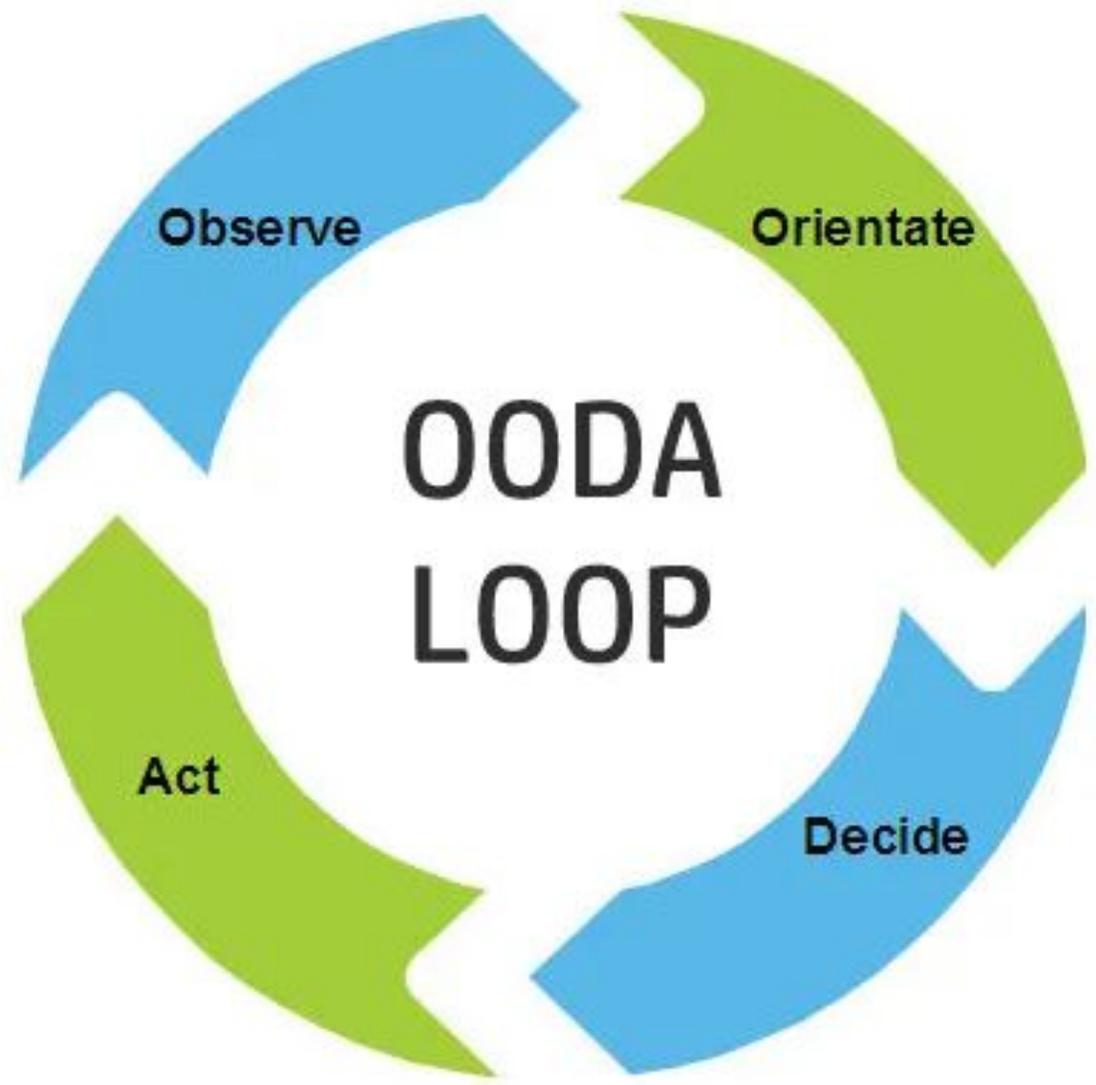


Data source: Kiela et al. (2021) - Dynabench: Rethinking Benchmarking in NLP
OurWorldinData.org - Research and data to make progress against the world's largest problems.

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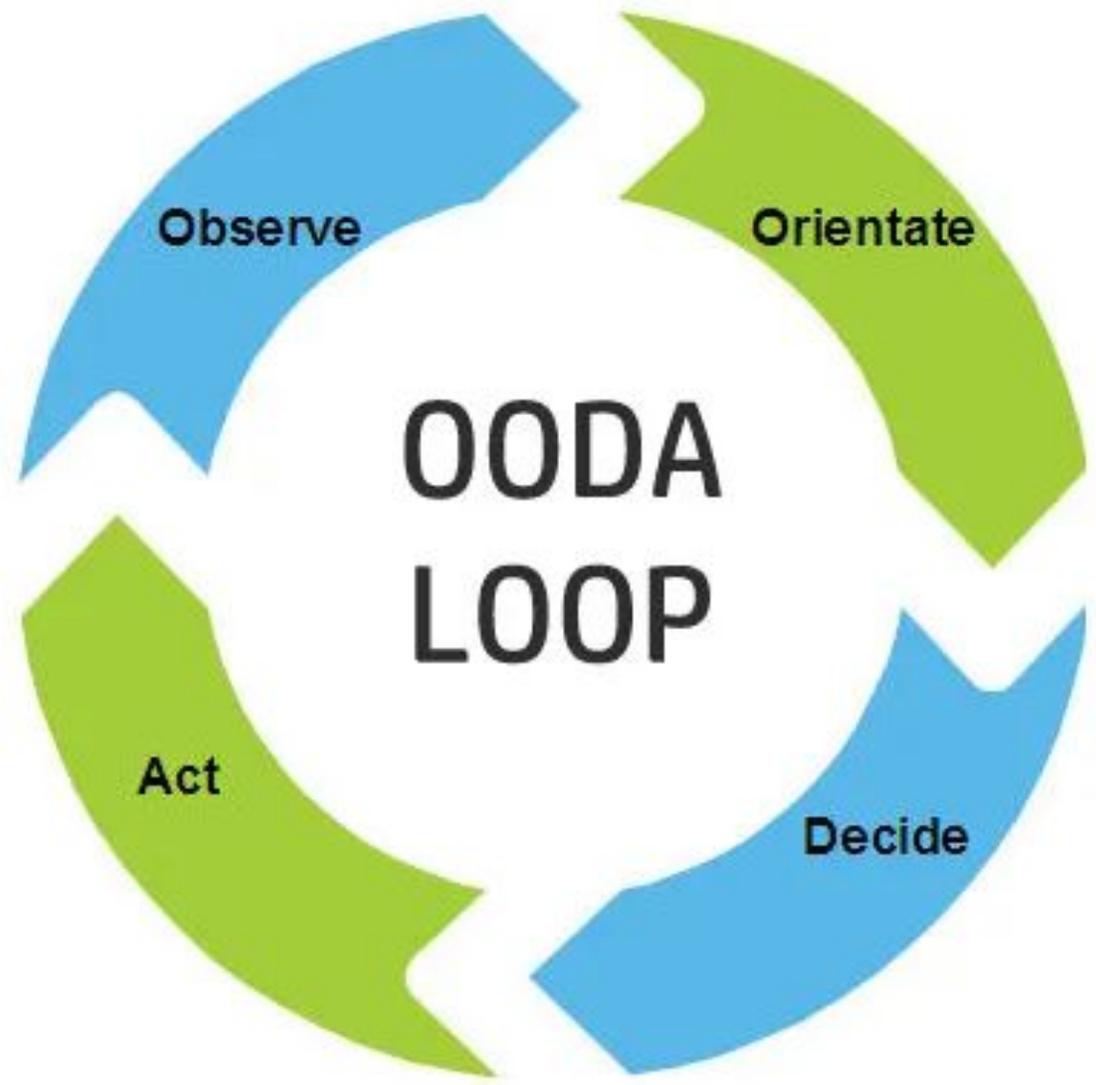




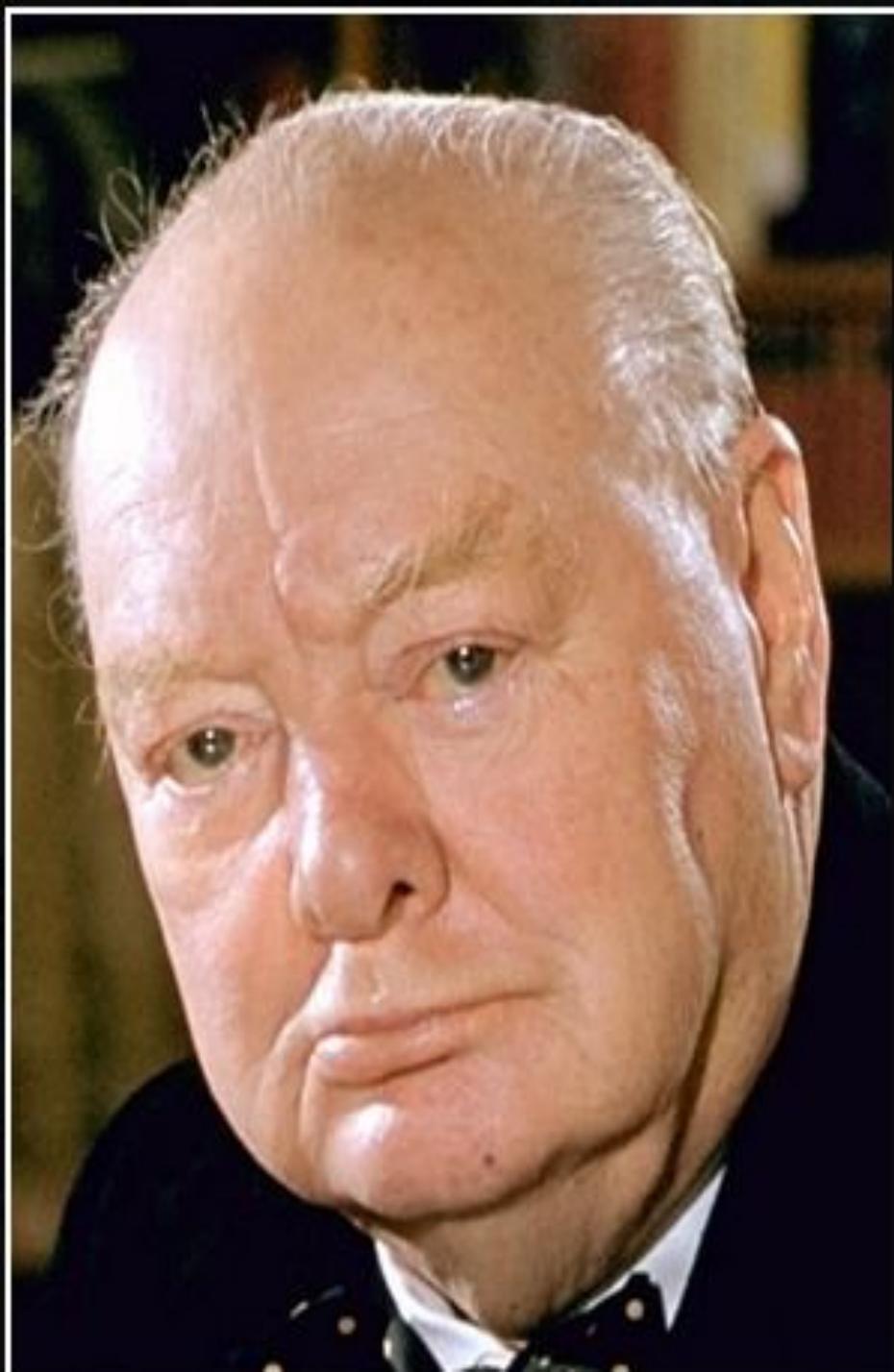












It is no use saying, 'We are doing our best.' You have got to succeed in doing what is necessary.

— *Winston Churchill* —

