



# NATO's Defence Innovation Accelerator for the North Atlantic (DIANA)

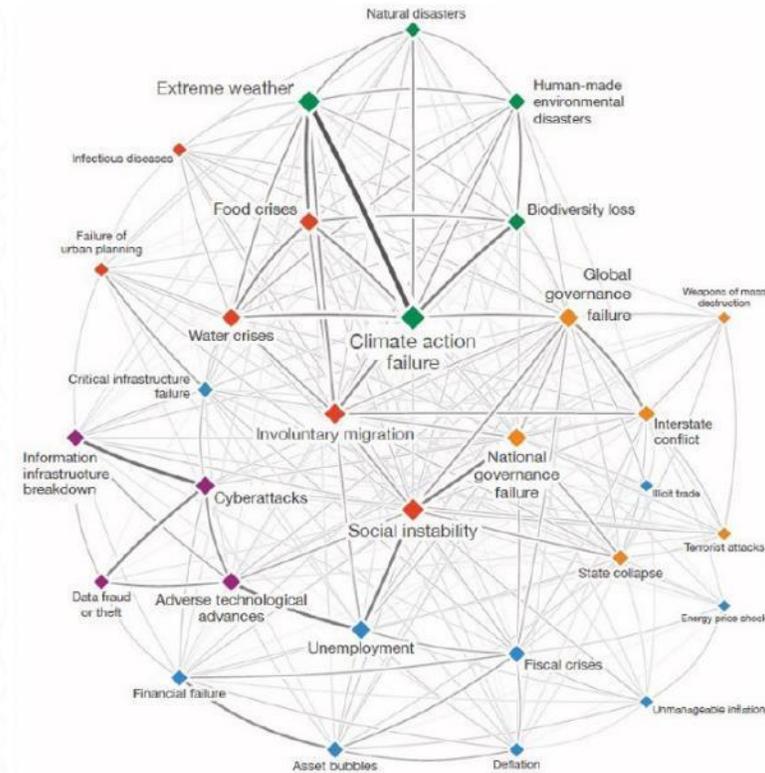
Event: Fostering Innovation In NATO: DIANA

Presenter: Moritz Zimmermann

June 2023

# Holistic Defence: The Problem Space

- Insecurity is driven by complex, inter-related global challenges, e.g. environmental changes, scarcity of resources, economic instability, hostile threats from state and non-state actors
- Understanding and tackling these challenges requires world-leading science and technology



# Defence & Security and Innovators: The Gap

- Defence is viewed as inaccessible and complex
- Innovators are unsure of where to start and who can help
- Government rules and regulations are viewed as cumbersome
- Difficulties in accessing end-user customers to better understand their problems and receive feedback

***Result: innovators ignore or are frustrated by the defence and security market, losing interest as commercial revenue streams take off***



# “ Uniting disruptors to shape a peaceful future ”

“

**DIANA** is instructed to accelerate civil-military emerging and disruptive technological solutions – particularly dual-use ones – to critical transatlantic defense and security challenges, leveraging existing elements from NATO nations and NATO bodies and guided by relevant NATO Strategies and Frameworks.

— NATO DIANA Mission Statement

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# NATO Innovation Fund

## The NIF complements DIANA



NATO Secretary General Jens Stoltenberg at the Signing Ceremony of the NATO Innovation Fund Letter of Commitment (30 June 2022)

- Will invest EUR 1 billion in early-stage start-ups developing emerging and disruptive technologies
- 15-year timeframe
- Provides option for further investment in companies that have been through the DIANA accelerator programme

# Emerging and Disruptive Technologies

- 9 technology priorities
- DIANA focuses on TRLs 4-7
- The technologies are 'dual-use' in nature – can address societal challenges as well as defence needs



# Core Features of DIANA

## Technical Challenges

- Competitive calls for proposals addressing critical Alliance needs

## Accelerator Programme

- Award of non-dilutive grant; strengthen business viability of companies; product-market fit in defence and security

## Innovation Network

- Access to state of the art testing facilities at DIANA's Alliance-wide network of affiliated accelerator sites and test centres; access to operational end-users

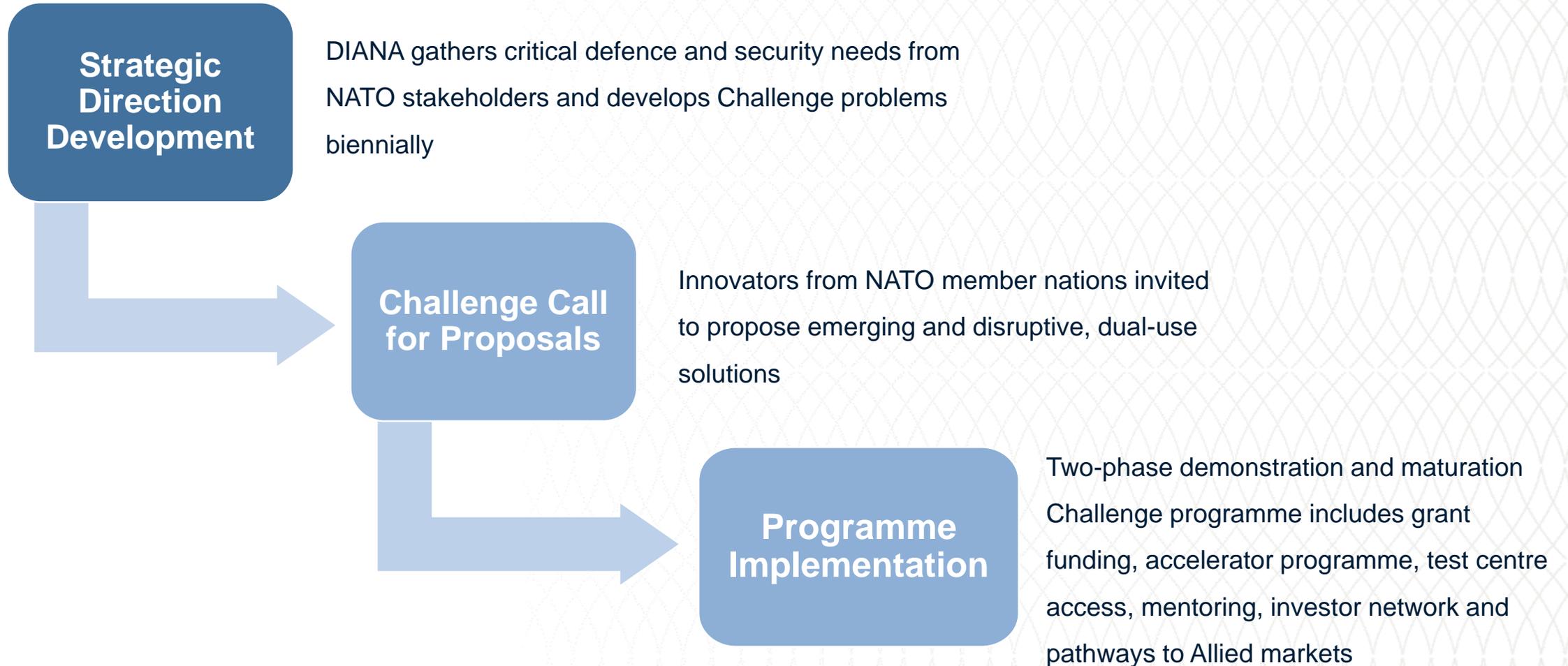
## Rapid Adoption Service

- Pathways for follow-on contracts and capability development

## Allied Capital Community

- Access to trusted investors and sources of capital

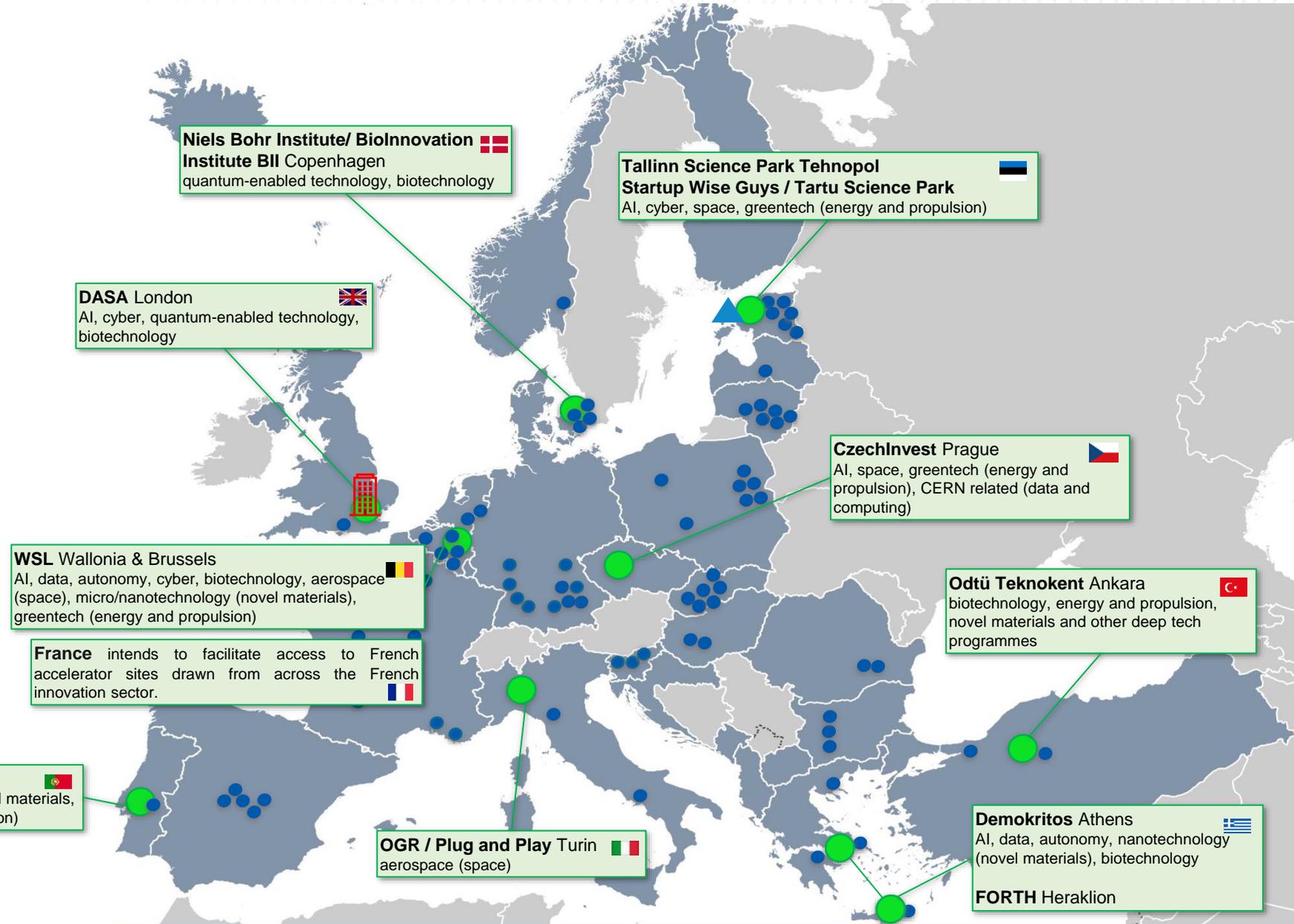
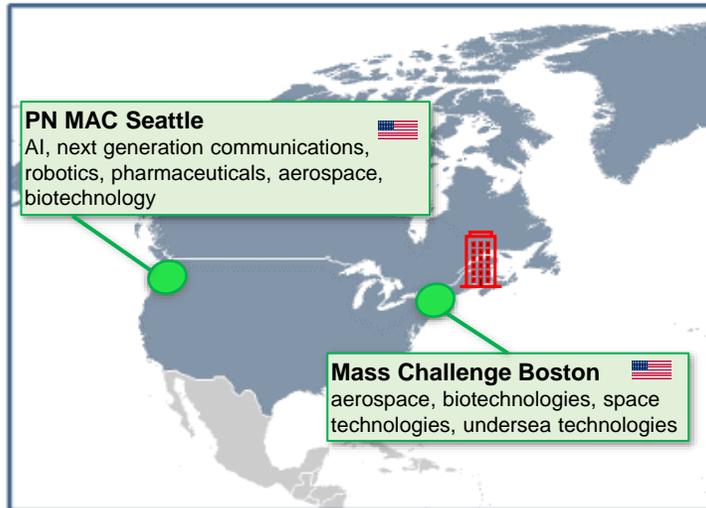
# Challenge and Accelerator Programmes



# DIANA Network: Accelerator sites (June 2023)

## Key

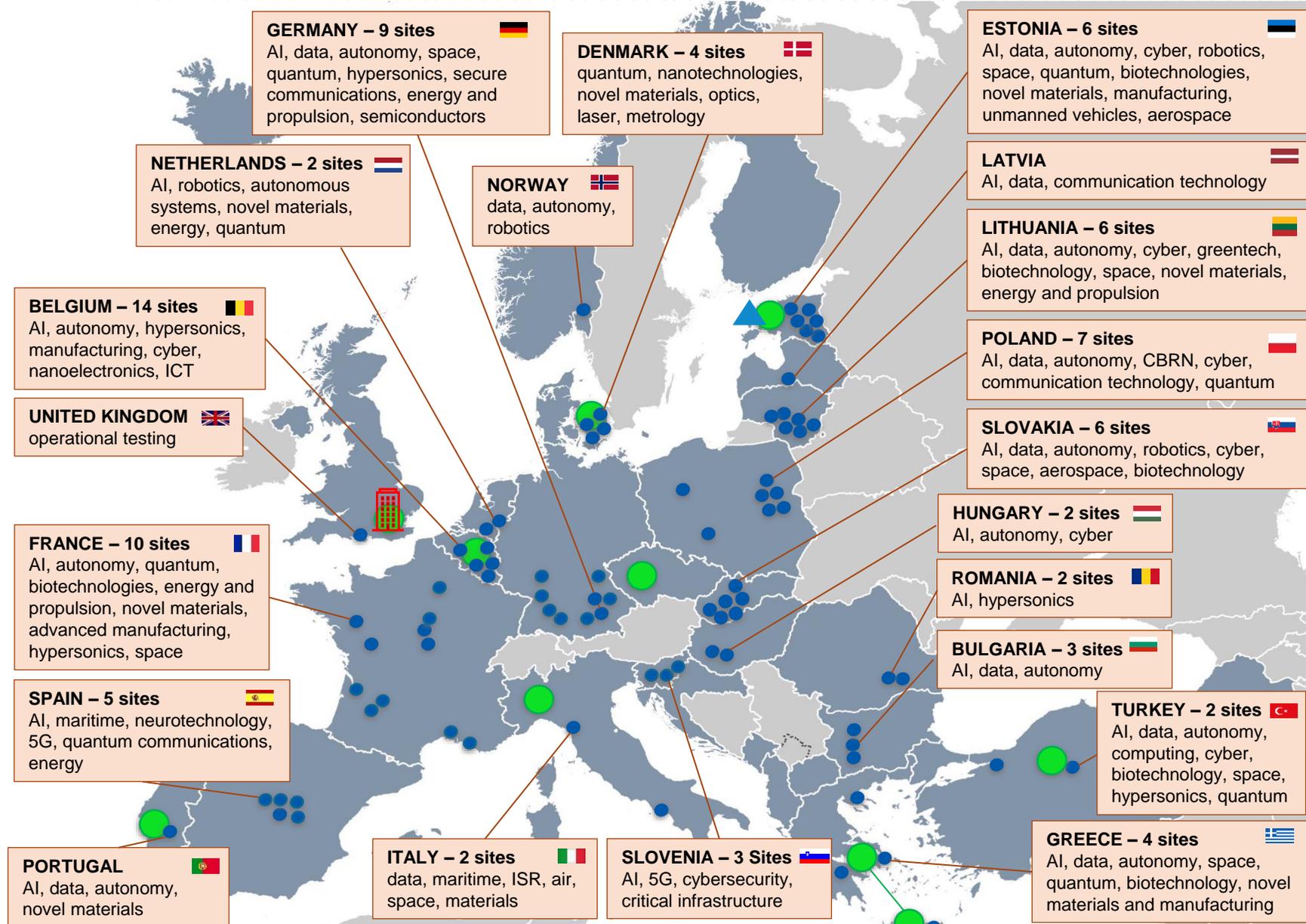
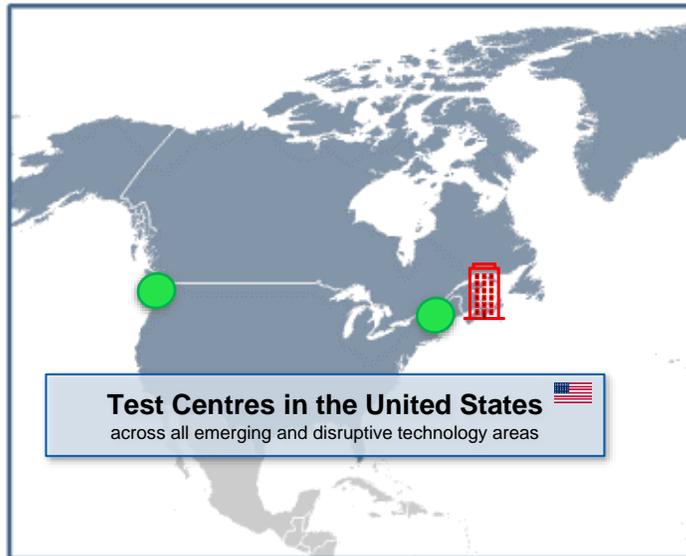
-  Regional Offices
-  Regional Hub
-  Test Centres
-  Accelerators



# DIANA Network: Test Centres (June 2023)

## Key

-  Regional Offices
-  Regional Hub
-  Test Centres
-  Accelerators



# 2023 Challenge Topics



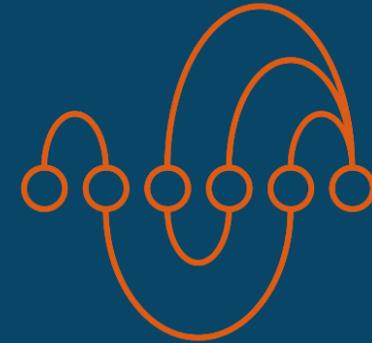
## **Sensing & Surveillance:**

Sensing the Coastal  
Undersea Environment



## **Energy Resilience:**

Harnessing Microgrid  
Technologies for  
Disaster and Conflict  
Recovery



## **Secure Information Sharing:**

Truly Reliable and  
Unquestionably Secure  
Technology

# Challenge Programme Timeline



# Apply and connect with DIANA



Register your interest if  
you are a potential  
industry partner,  
investor, or journalist  
[www.nato-diana.org](http://www.nato-diana.org)



Learn more and APPLY  
here for the Challenges  
[www.diana.nato.int](http://www.diana.nato.int)



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# Questions?

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