CenSec

CENTER FOR DEFENCE, SPACE & SECURITY

CenSec's Domains

CenSec
CENTER FOR DEFENCE, SPACE & SECURITY

Strategic domains

- Land
- Air
- Naval

- Autonomous Systems
- Space downstream
- Space Upstream

- Homeland Security
- Critical Infrastructure
- Cyber Security

Activities:

- Knowledge Transfer & Competence Development
- Matchmaking
- Internationalisation
- Business & Project Development

Other topics of interest:

Arctic/Big science/Artificial intelligence/resilience/Skills & education

About CenSec

- CenSec is the official Danish cluster organization for companies with an interest in high tech industries like defence, homeland security, cyber security, maritime, space, aerospace, and dual-use. CenSec is the centre of a huge ecosystem with many Danish and international stakeholders within defence, space and security, and related industries.

- CenSec is an active, mature and well established private non-profit organization funded by member fees and project grants.

- 2004: Established as a network
- 2007: Founded as an industrial cluster organization
- 2014: Recognized as an official National Innovation Cluster

- 190 committed members with leading edge technologies, skills and knowledge within the defence-, space-, and security industries and related industries.

- CenSec's secretariat comprises 10 well educated and experienced employees that cover a wide range of competencies and expertise.

CenSec Startup Incubator

CenSec
CENTER FOR DEFENCE, SPACE & SECURITY

How do we work with Startups?

- Tailored program
- Expanding network
- Connect with the industry
- Pitch training
- Development of skills
- 150.000 DKK Voucher
- Bi-weekly sparring
- Softfunding identification

CenSec's National Project Portefolio

CenSec
CENTER FOR DEFENCE, SPACE & SECURITY

CenSec's National Project Portefolio

CenSec
CENTER FOR DEFENCE, SPACE & SECURITY

SMV:International

CenSec's National Project Portefolio

CenSec
CENTER FOR DEFENCE, SPACE & SECURITY

Beyond Beta

ACCELERACE

Dansk Design Center

Erhvervshus SYDJYLLAND

Erhvervshus SJÆLLAND

Erhvervshus HOVEDSTADEN

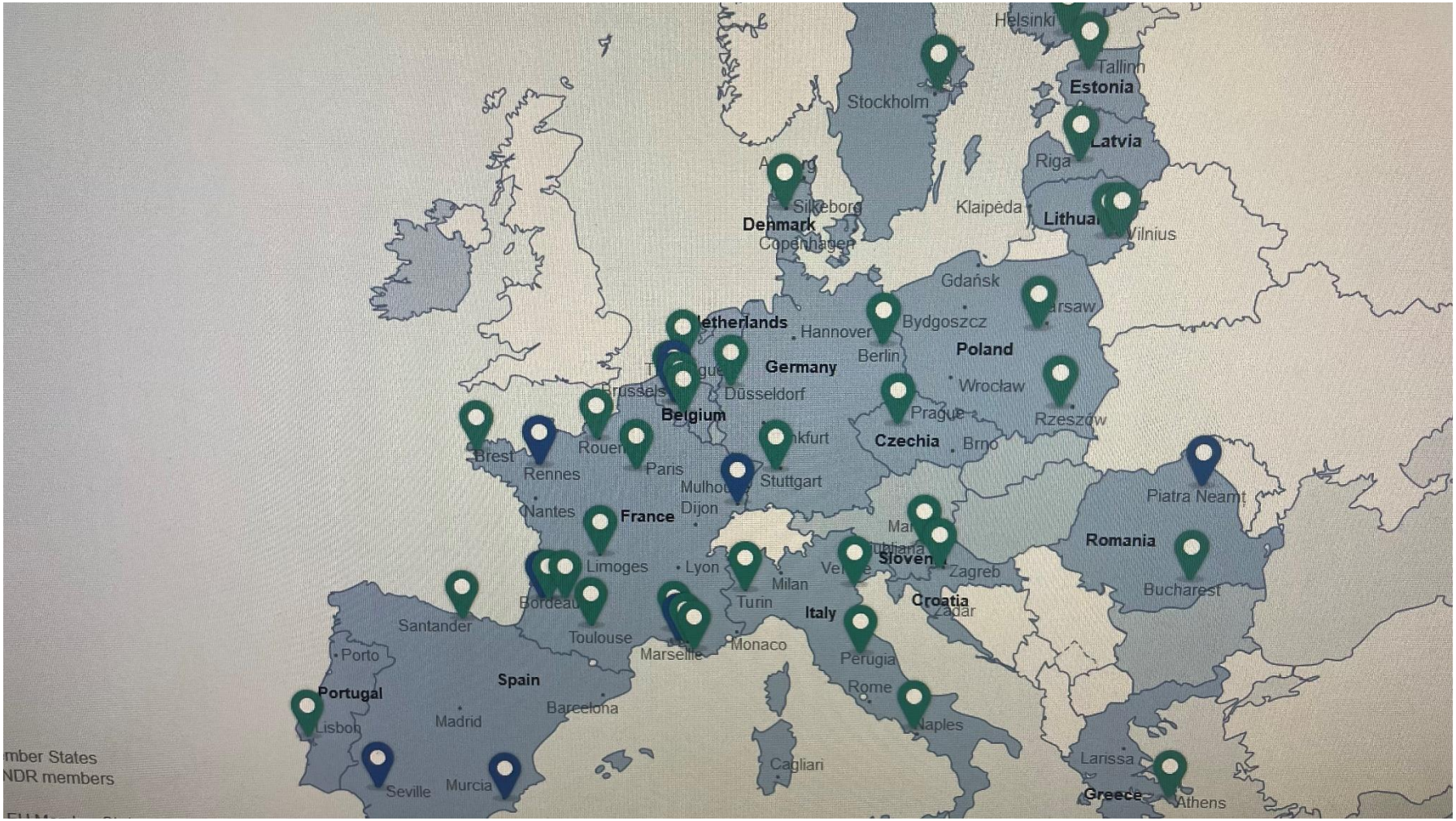
Erhvervshus NORDJYLLAND

Erhvervshus MIDTJYLLAND

CenSec in Europe

CenSec
CENTER FOR DEFENCE, SPACE & SECURITY

National Representative in The European Network of Defence-Related Regions



CenSec in Europe

First Joint European Commission – CenSec Conference (2017)

Dual-Use Conference 2017 – Drones & Space

A bottom-up approach towards a regional dual-use strategy

4th-5th of May in Aarhus – the European Capital of Culture 2017

Technologies are changing rapidly in today's business environment – also in the space industry and emerging drone industry – opening up to new opportunities and challenges.

Purpose of the Conference

This 1.5-day conference will bring together national and European authorities, defence/security-related businesses and knowledge institutions to learn more about the business perspectives in the dual-use areas of drones and space, as well as to stimulate the development of a regional dual-use strategy in Denmark. It will showcase interesting

CenSec in Europe

Second Joint European Commission – CenSec Conference (2021)

CenSec in Europe

CenSec
CENTER FOR DEFENCE, SPACE & SECURITY

European Union

#EUDefenceIndustry

ONLINE EDITION

DAY : **30 JUNE 2021**
HOUR : **16.00-17.00 CET**

THE EUROPEAN DEFENCE FUND

A Building Block for EU Strategic Autonomy

LAUNCH EVENT of EDF Regulation and EDF work Programme

SESSION #3

EU COOPERATION IN DEFENCE R&D: FROM THE PRECURSORS TO THE FUND

FRANÇOIS
ARBAULT
DIRECTOR FOR DEFENCE INDUSTRY
DG DEFIS, EUROPEAN COMMISSION

KADI
SILDE
UNDERSECRETARY FOR DEFENCE POLICY
ESTONIAN MINISTRY OF DEFENCE

MATTEO
BISCEGLIA
DIRECTOR OF THE OCCAR
EXECUTIVE ADMINISTRATION

KATARINA
BJÖRKLUND
VICE PRESIDENT SAAB
GROUP STRATEGY

HANS-MARTIN
PASTUSZKA
HEAD OF BUSINESS UNIT
FRAUNHOFER INSTITUTE FOR TECHNOLOGICAL
TREND ANALYSIS INT

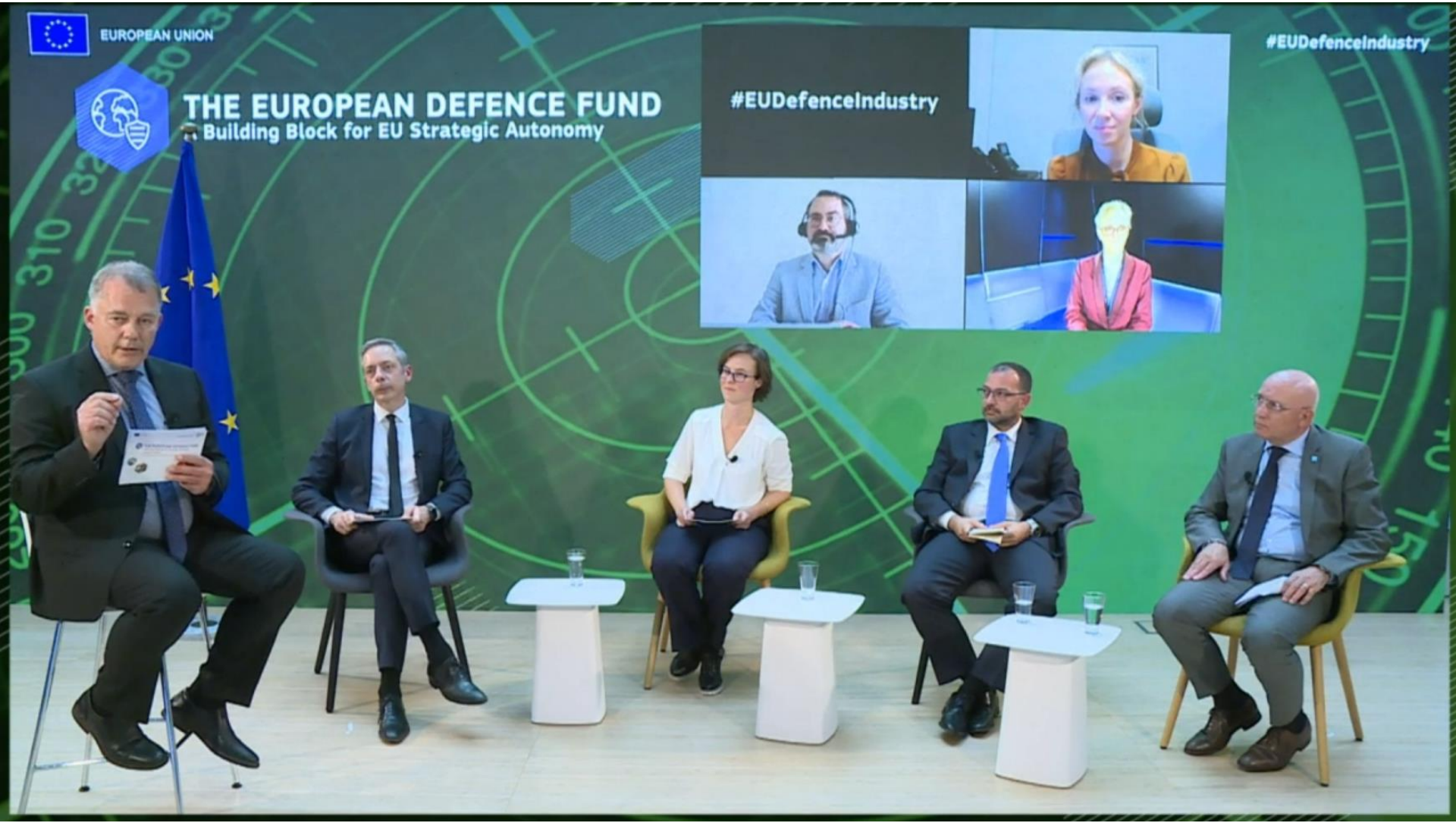
MODERATED BY
KLAUS
BOLVING
DANISH INNOVATION CLUSTER
"CENTER FOR DEFENCE, SPACE
AND SECURITY" (CENSEC)

ALICE
MIZRAHI
SCIENTIFIC RESEARCHER
THALES

ANTONIOS
PEPPAS
CEO
ETME HYDRO
ENGINEERING

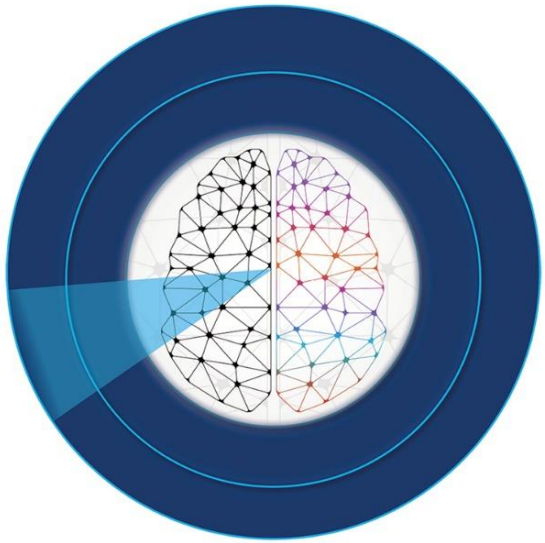
CenSec in Europe

Hybrid Launch Event of The European Defence Fund



CenSec's European Project Portefolio

CenSec
CENTER FOR DEFENCE, SPACE & SECURITY



ASSETs+
Alliance for Strategic Skills Adressing Emerging Technologies in Defence

AALBORG UNIVERSITY DENMARK
AEROCAMPUS AQUITAINE
JORNADA DE APOYO AL DESARROLLO DE LA FORMACIÓN PROFESIONAL EN ANDALUCÍA
AIRBUS DEFENCE & SPACE
CenSec CENTER FOR DEFENCE, SPACE & SECURITY
CentraleSupélec
CIMEA
DAC Distretto Aerospaziale della Campania
EWF
FADA
Fondazione Giacomo Brodolini
GICAN
HENSOLDT
LEONARDO
LEONARDO TECHNICAL TRAINING
MADRIC AEROSPACE CLUSTER
Mercan:ec
Navantia
POLITECHNIKA RZESZOWSKA
RMA Royal Military Academy
ROLLS ROYCE
SAAB
SAFRAN
SEA Europe
uc3m Universidad Carlos III de Madrid
UCA Universidad de Cádiz
POLITÉCNICA
UNIVERSIDAD DE SEVILLA MARCA PRINCIPAL
université de BORDEAUX
IN SUPREMÆ DIGNITATIS 1343

With the support of the Erasmus+ Programme of the European Union

CenSec's European Project Portefolio

CenSec
CENTER FOR DEFENCE, SPACE & SECURITY

EXTRA
EXcellence EXchange and Teaming-up between RAilway clusters and ecosystems

ESCP④X
EXXTRA
Partnership

DITECFER

CenSec
CENTER FOR DEFENCE, SPACE & SECURITY

BT//S Rail Saxony

i-trans
CATALYSEUR D'INNOVATION

MAFEX

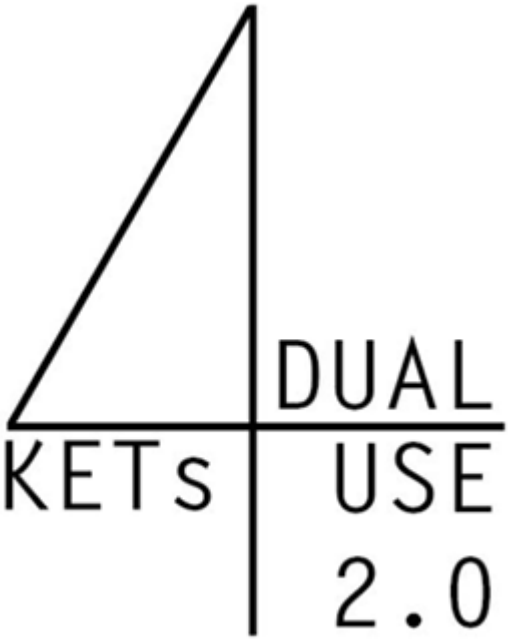
railgroup

ARUS

Co-funded by COSME
Programme of the European Union

CenSec's European Project Portefolio

CenSec
CENTER FOR DEFENCE, SPACE & SECURITY



Estonian
Defence Industry
Association

CenSec
CENTER FOR DEFENCE, SPACE & SECURITY

CenSec's European Project Portefolio

CenSec
CENTER FOR DEFENCE, SPACE & SECURITY

SECURIT
TOWARDS RESILIENT SMART CITIES & TERRITORIES

Co-funded
by the COSME programme
of the European Union

INTERNATIONAL

LSEC SAFE HSD Systematic Paris Region Deep Tech Ecosystem L3CE CenSec POLESCS FundingBox

CenSec's European Project Portefolio

CenSec
CENTER FOR DEFENCE, SPACE & SECURITY

EUROPEAN DEFENCE FUND

EUROPEAN UNION

ROLIAC

Robust and Light AM components for military systems

SELECTED PROJECTS EUROPEAN DEFENCE FUND (EDF) 2021

CALL TITLE:	Research for disruptive technologies for defence applications
TOPIC TITLE:	New materials and technologies for additive manufactured defence applications
DURATION OF THE PROJECT:	36 months
TYPE(S) OF ACTIVITIES:	Generating and integrating knowledge; Studies; Design
ESTIMATED TOTAL COST:	€ 3,978,712.13
MAXIMUM EU CONTRIBUTION :	€ 3,978,712.13

SHORT DESCRIPTION OF THE PROJECT:

ROLIAC will focus on new materials and technologies for additive manufacturing of lightweight parts of defence equipment.

The project "Robust and Light AM components for military systems" (ROLIAC) presents advanced research for additive manufacturing technologies for defence applications. It will design and manufacture lightweight military grade parts with novel materials for three military use-cases: a light metal emergency wheel, a cargo bay-door hinge and a large-scale antenna mount for satellites.

CenSec's European Project Portefolio

CenSec
CENTER FOR DEFENCE, SPACE & SECURITY

SELECTED PROJECTS
EUROPEAN DEFENCE FUND (EDF) 2021

MEMBERS OF THE CONSORTIUM AND COUNTRY OF ESTABLISHMENT:

NAME OF THE ENTITY	COUNTRY
TEKNOLOGISK INSTITUT (Coordinator)	Denmark
AEROTECNIC METALLIC SL	Spain
AMSIS GMbH	Germany
CENTER FOR SIKKERHEDSINDUSTRIEN I DANMARK	Denmark
FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	Germany
GRÄNGES POWDER METALLURGY GmbH	Germany
LISI AEROSPACE ADDITIVE MANUFACTURING	France
LORTEK S COOP	Spain
OHB HELLAS MONOPROSOPI ETAIREIA PERIORISMENIS EFTHINIS	Greece
TECHNISCHE UNIVERSITEIT EINDHOVEN	Netherlands

CenSec's European Partnerships

1) ***European Network of Defence-related Regions:*** **(www.endr.eu)**
2) ***European Defence Skills Partnership:*** **(https://eudsp.eu/)**
3) ***European Pact for Skills:*** **(https://pact-for-skills.ec.europa.eu)**
4) ***European Pact for Skills for Aerospace & Defense:*** **(https://www.asd-europe.org/pact-for-skills-for-aerospace-and-defence)**
5) ***EnSure-Collaborative:*** **(https://www.ensure-collaborative.eu/)**
6) ***European Cyber Security Organisation:*** **(https://ecs-org.eu/)**
7) ***North European Cybersecurity Clusters:*** **(https://necc.network/)**

CenSec – US Collaboration

Innovation in Value Chains!

JARI – CenSec Partnership

CenSec
CENTER FOR DEFENCE, SPACE & SECURITY

CenSec – US Defense Collaboration

CenSec
CENTER FOR DEFENCE, SPACE & SECURITY

'WEREN'T READY'
Hilltoppers denied D6-3A softball gold by tough Bald Eagle Area squad. C1.

RAIDERS ROLL
Meyersdale comes back to beat Shade in rain-delayed D5-1A title clash. C1.

The Tribune-Democrat
Serving Greater Johnstown since 1853
WEEKEND EDITION
JUNE 4, 2022 $2.50 NEWSSTAND

'See what the future holds'
2022 Academic All-Stars make big plans for careers, lives

Defense firms make deals
JWF building vehicles in city; Pa., Denmark team up on energy

McCormick admits loss in fight for Senate nod
Oz is Pa. Republican pick for race against Democrat Fetterman

Showcase speakers: China remains top threat to U.S.
Ukraine war disrupted D.C.'s pivot to Pacific

CenSec

CENTER FOR DEFENCE, SPACE & SECURITY