

Defence Research & Innovation

in Austria

Federal Ministry of Defence

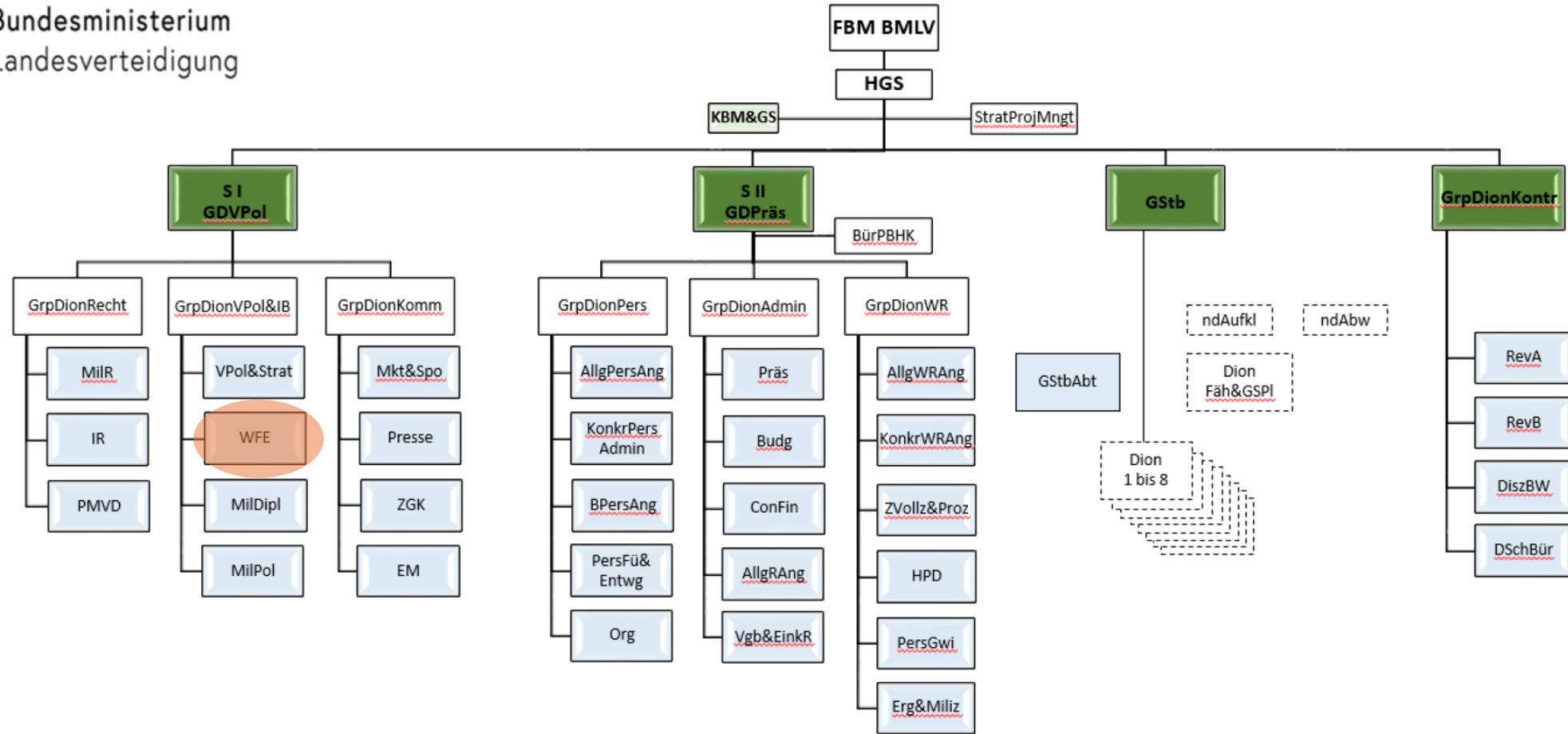
Science, Research and Development Division

Col. Christian Resch

19 March 2026

Science & Research in AUSTRIA

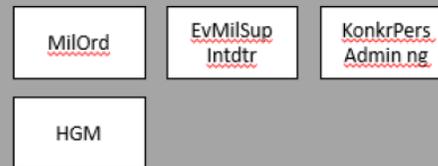
- AUSTRIA as a country of researchers
=> current research quota of 3.35% (No. 3 in the EU)
- Variety of thematic research programs and actors
- Defense research as a "*new*" research area



unm. nachgeordnet
GDVPol



unm. nachgeordnet
GDPPräs



unm. nachgeordnet
GStb





Scientific Advisory Board

Established in 1992 as commission in accordance with § 8 Federal Act 1986
Contribution to "Intellectual Defense" & evidence-informed policy making

- Advisory body of the minister
- Support of the planning and teaching needs of the department
- Utilization of scientific expertise
- Establishment, maintenance and deepening of contacts with scientific institutions
- Network and top-class interface between military / ÖBH and civilian science community

**In-House
Research**
(MOD research
projects)

**National
Defence
Research
Program
„FORTE“**
(since 2018)

**National
Security
Research
Program**
(KIRAS, KPASS,
ASAP, TakeOff)

EDA R&D
**European
Defence Fund**

**HEU, ISF,
UCPM,...**

EDA... European Defence Agency

PADR... preparatory action on defence research

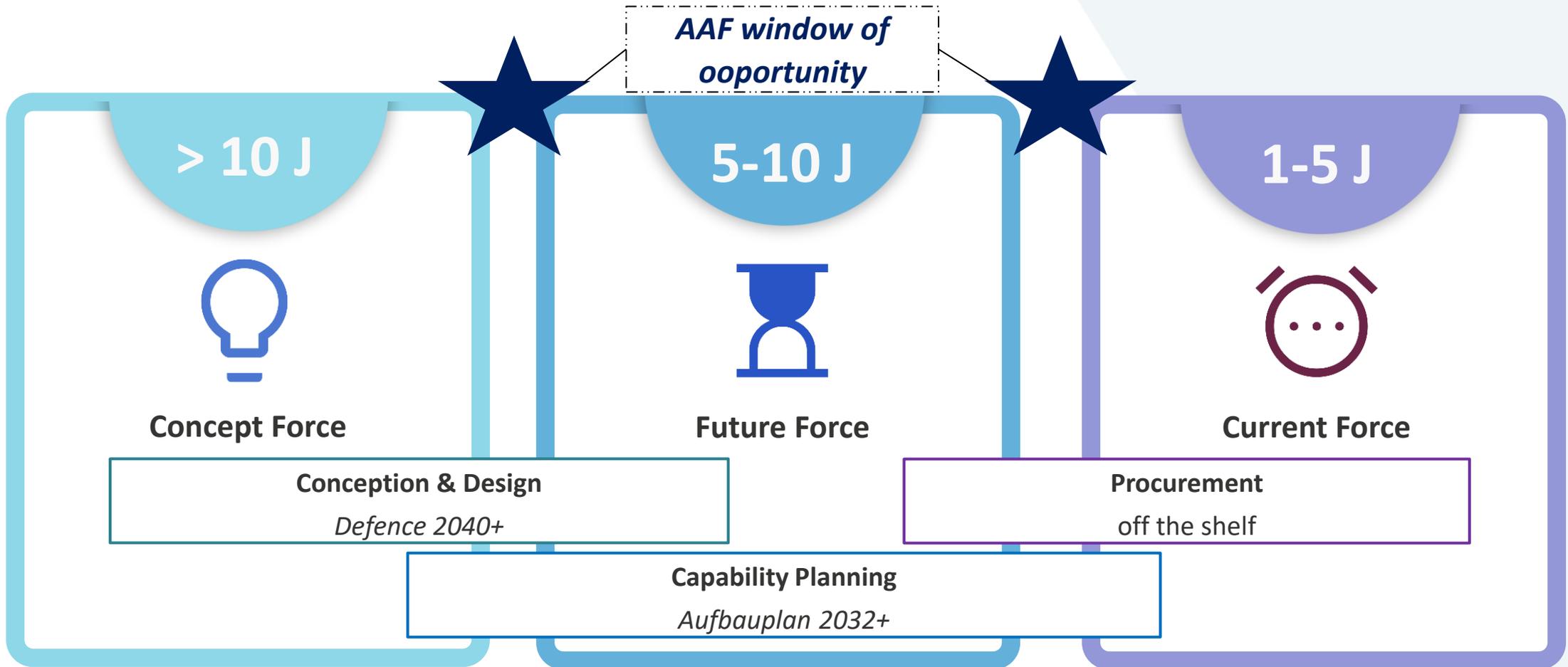
EDRP... European defence research program

EDIDIP... European defence industrial development program

UCPM... Union Civil Protection mechanism

ISF... Internal Security Fund

Closing the Innovation Gap in Defence



Defence Research NOW

Defence 2040+
Multi Domain Operation
Digital Transformation



Aufbauplan ÖBH 2032

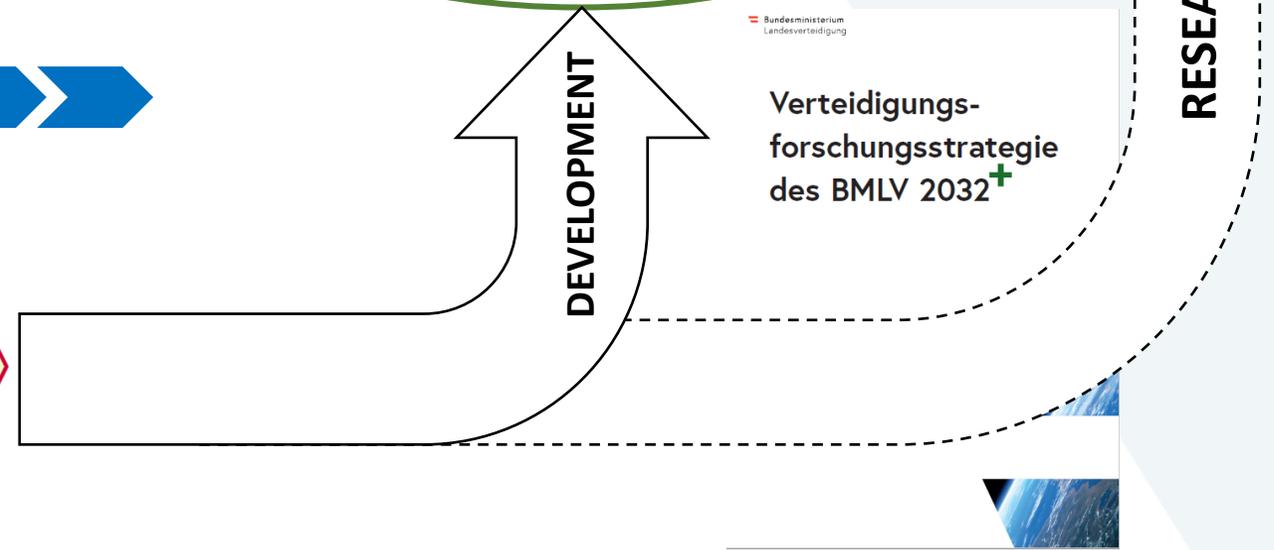
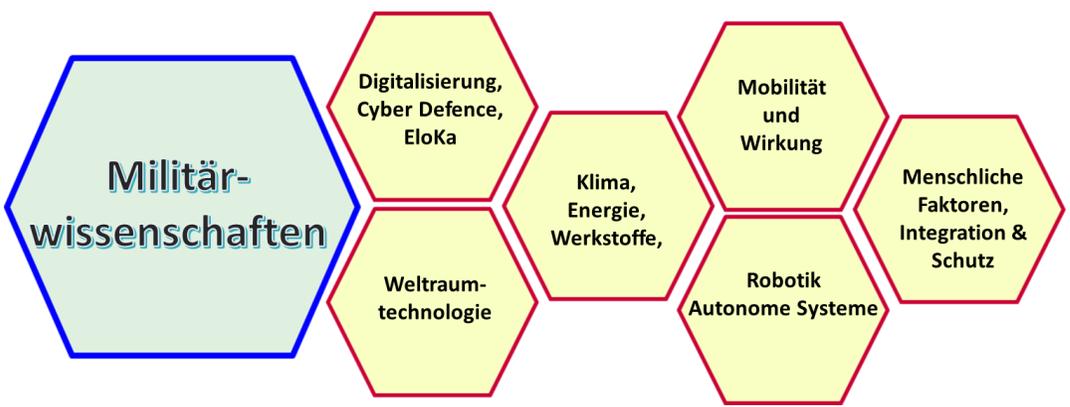
**NEXT
GENERATION
TECHNOLOGY**

2025

Beschaffung € 16 Mrd.

**NEXT
GENERATION
CAPABILITY**

RESEARCH / INNOVATION

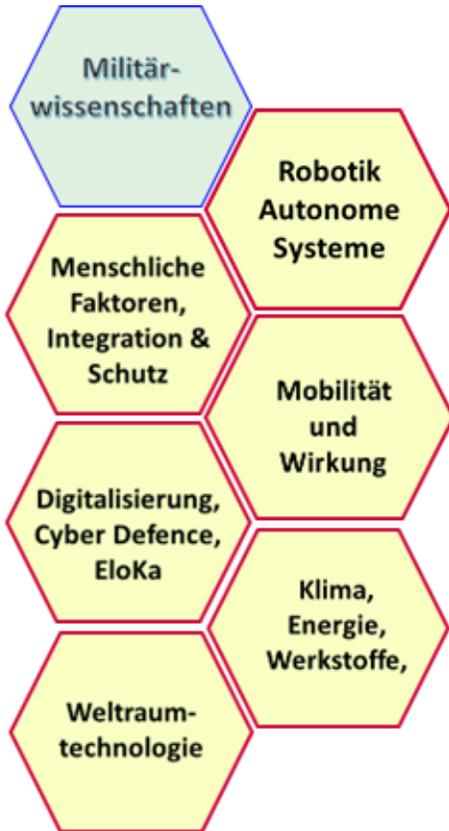


Defence Research ACTION PLAN

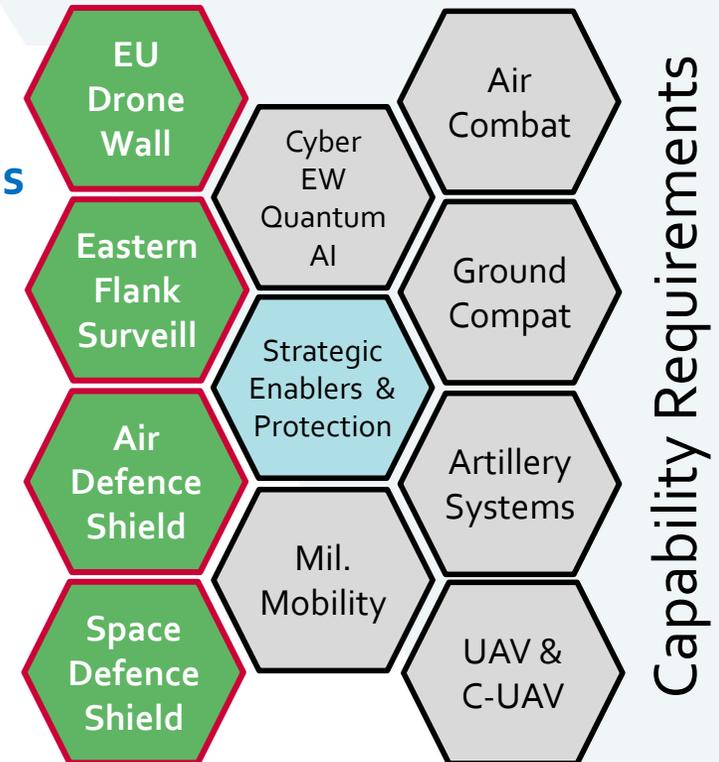
EU Defence Road Map 2030

Research – Innovation – Defence

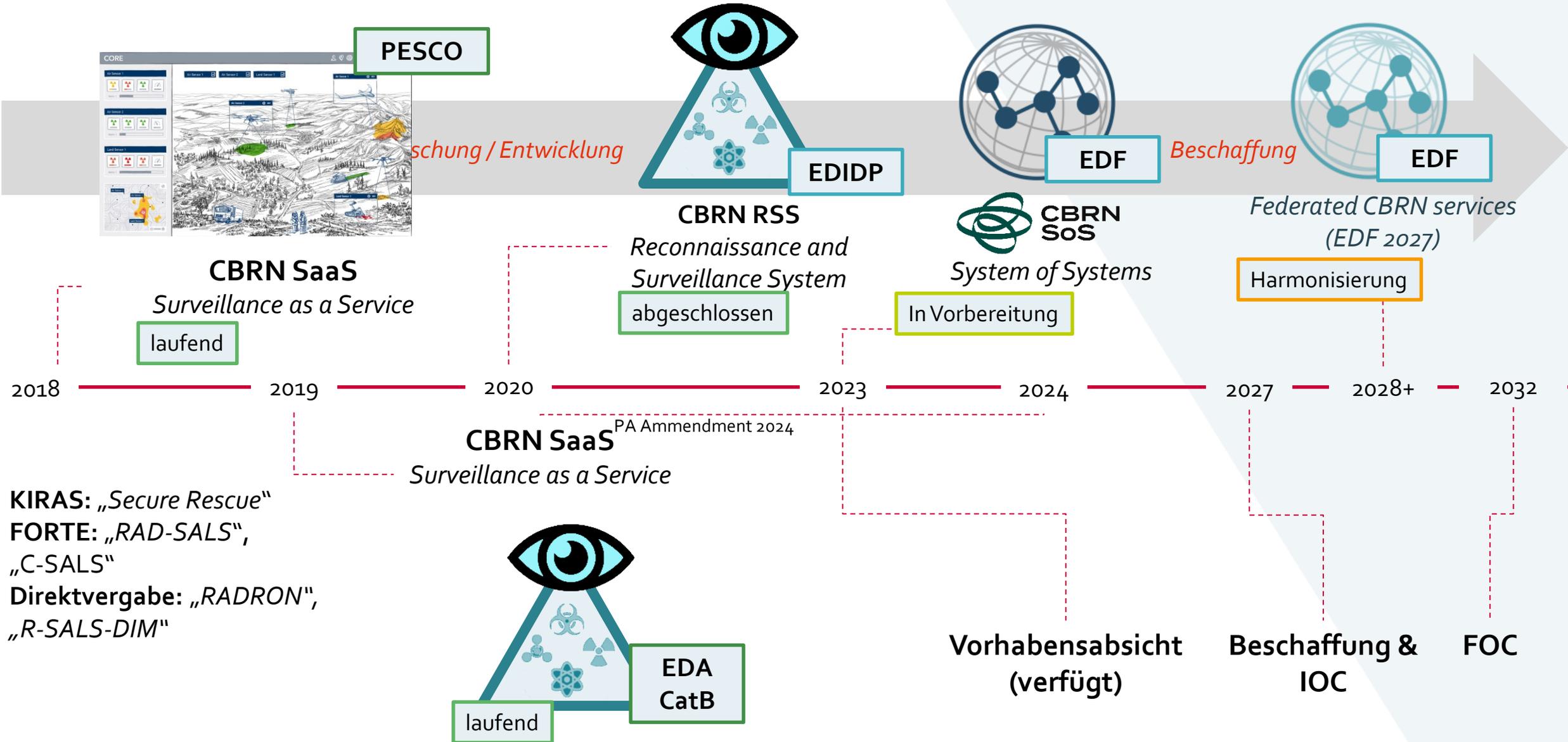
Defence Research Strategy 2032+

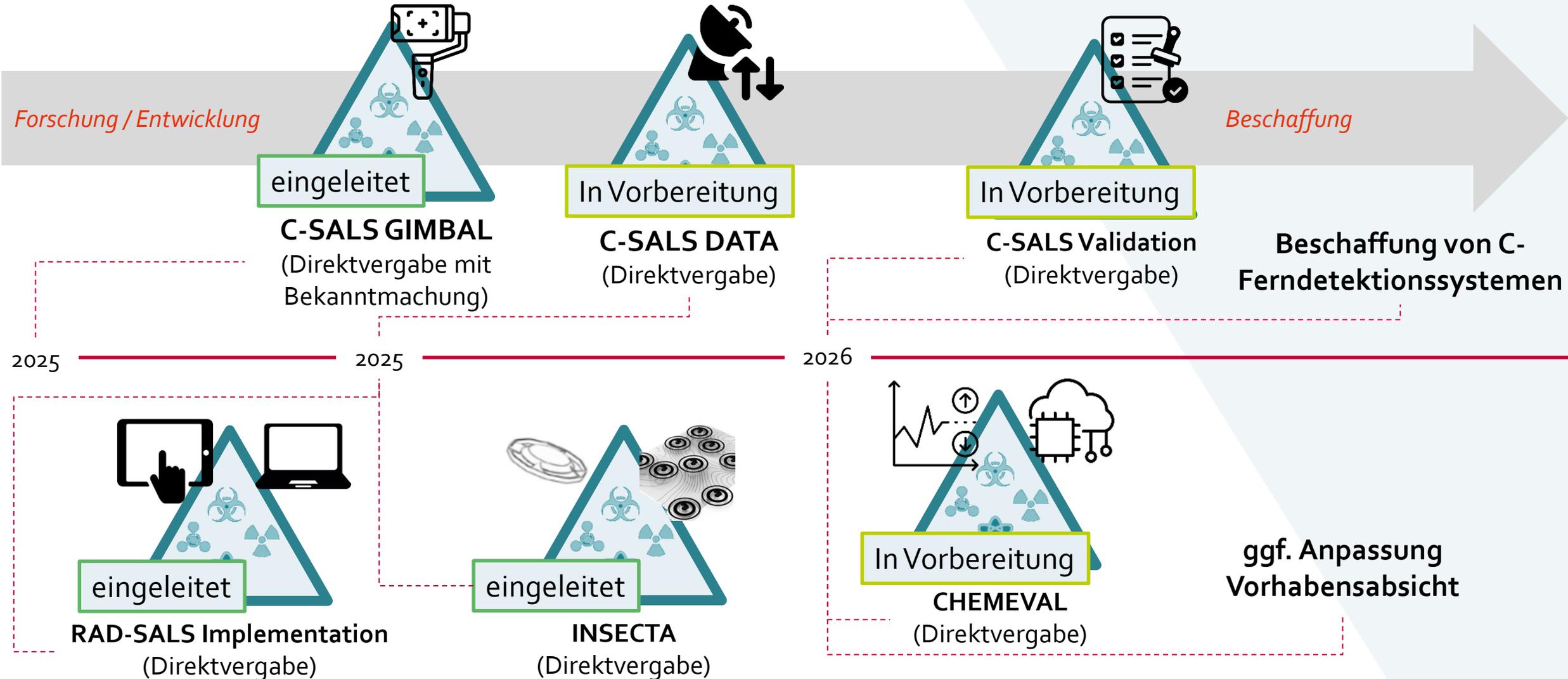


- Evidence-Based-Policy
- Political Priority / Flagship Projects PCA / EDPCIs
- Concept Force 2040+
- TechForesight
- Defence Excellence => „CD-Labs Defence“
- Innovation Lab „Defence Robotics“
- Innovation Space Armed Forces
- ADIC, FORTISSIMO



CBRN R&D Roadmap I





RESEARCH

Projektkronym	Call	Call-Beschreibung	Projektvolumen
AISAP/AISAO	EDF-2026-LS-RA-CHALLENGE-DIGIT-AISAP-STEP	AI-based tactical situational awareness using swarms of small robots and drones – participation/organization of/in a technological challenge	€ 23.000.000
DST	EDF-2026-RA-MCBRN-DST	CBRN decontamination systems and technologies	€ 15.000.000
FMLA	EDF-2026-RA-PROTMOB-FMLA	Future multirole light aircraft	€ 15.000.000
MSAI	EDF-2026-RA-SIMTRAIN-MSAI-STEP	Modelling & simulation supported AI framework for military decision-making and training	€ 8.000.000

DEVELOPMENT

Projektkronym	Call	Call-Beschreibung	Projektvolumen
AWC	EDF-2026-DA-ENERENV-AWC-STEP	Ammunition Waste Collection and Disposal Unmanned Platform	€ 10.000.000
EATMI	EDF-2026-DA-AIRDEF-EATMI	High-end endo-atmospheric interception	€ 100.000.000
HPES	EDF-2026-DA-ENERENV-HPES-STEP	High-performance energy systems	€ 20.000.000
MBT	EDF-2026-DA-GROUND-MBT	Future main battle tank platform systems	€ 125.000.000
MDOC	EDF-2026-DA-DIGIT-MDOC-STEP	Military multi-domain operations cloud services	€ 40.000.000
MRL	EDF-2026-DA-GROUND-MRL	Multiple rocket launcher	€ 25.000.000
PRS	EDF-2026-DA-SPACE-PRS	Integration of Galileo PRS receivers on weapon systems and NAVWAR operational centres in military C2	€ 50.000.000
SMT	EDF-2026-DA-MATCOMP-SMT-STEP	Smart and multifunctional textiles	€ 20.000.000
STFS	EDF-2026-DA-AIR-STFS	Smart technologies for next generation fighter systems	€ 25.000.000

Thank you!

Bundesministerium für Landesverteidigung

Abteilung für Wissenschaft, Forschung und Entwicklung

Oberst des höheren militärtechnischen Dienstes

Mag.(FH) Christian Resch, MEng.

Tel +43 50201 10-22288

Roßauer Lände 1, 1090 Vienna, Austria

christian.resch@bmlv.gv.at

bundesheer.at