



Commando Materieel en IT
Ministerie van Defensie

Opportunities for stronger Innovation procurement collaboration

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6th July, 2023 – Innovation procurement congress

JIVC hét IT-bedrijf van Defensie

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Slow, puts up many obstacles, doesn't think in solutions

Purchasing expert

Innovation expert

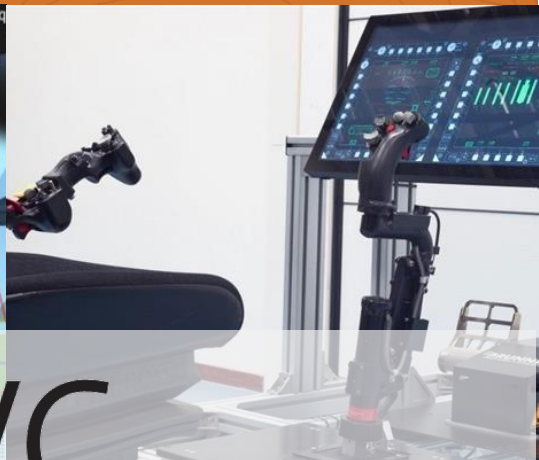
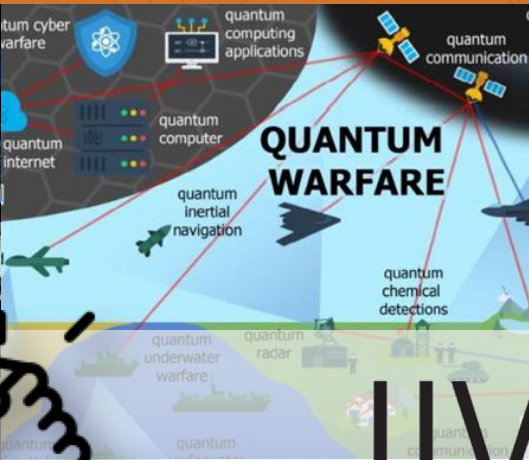
Unprepared, always in a hurry, involves others too late

Never hear back about defined (realization) goals, is there any progress at all?

Policy maker

Does not fully understand the implications on operations of the developed policy

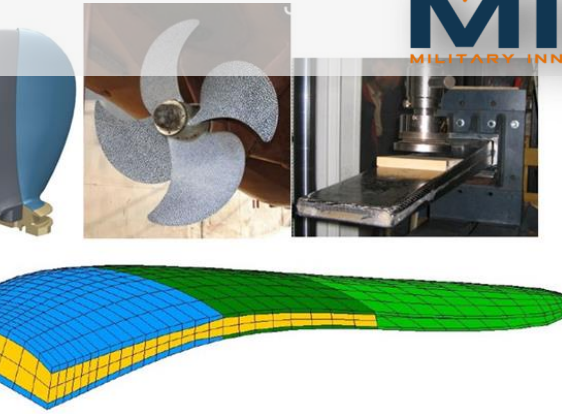




MIND
MILITARY INNOVATION BY DOING



JIVC
KIXS





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Actueel

Agenda

Eerdere events

- 6
JUL **Diversity Drives Innovation**
Kromhout Kazerne, Utrecht
- 20
SEP **DefX - Save the Date!**
Den Haag, Majoor Linzel Complex
- 21
SEP **Fires Support symposium**
T Harde
- 26
SEP **Blockchain Expo Europe**
RAI Amsterdam
- 27
SEP **Purple NECTar 2023**
Bernardkazerne Amersfoort (Vlasakkers)
- 27
SEP **Innovation in Defence (IID) CONNECT 2023**
Vlasakkers, Amersfoort
- 23
OKT **CYBER DEFENCE CONFERENCE 2023**
Martim Hotel Bonn, Duitsland

Nieuws



Robotics Control Center ontwikkelt robot in recordsnelheid

14 juni

Van aanvraag tot livegang: in een krappe 3 maanden ontwikkelde het RCC de robot Guardian. En ja, dat is vlot voor het gehele analyse-, goedkeuring- en bouwproces van een software robot. Intussen heeft ...



CWIX 2023: inlichtingen opslaan en delen in de ISR Focus Area

13 juni

Binnen het informatie gestuurd optreden (IGO) is integratie van informatiestromen een belangrijk doel. Op CWIX 2023 nemen we als Nederland daarom ook deel aan de Joint Intelligence, Surveillance and ...





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Arslantas, G (Gökhan), COMMIT/JIVC/KIXS

Innovation Program manager
Short-cycled innovation
Business operations

Core team member Innovatie Netwerk Defensie

Unofficial **Diversity & Inclusion ambassador** within COMMIT

JIVC KIXS



JIVC hét IT-bedrijf van Defensie



Increasing urgency for fast-paced innovation

- **Increased threats** require a prepared and powerful army;
- **Technology, data, IT and AI** became decisive at battlefield;
- **Commercial tech** advanced more than ever;
- Technology potentially eases or **eliminates repetitive work**;
- Part of the **multi-year plan** (2022 Maatregelennota, Defensienota)





Short cycled innovation to boost innovation output

- Focus on high **Technology Readiness Level** solutions to be tested and prepared for implementation;
- Produces solid **results within a year**;
- Preferably **widely applicable** within the army;
- **External collaboration** stimulated to benefit from commercial technological innovations, and extend innovation capacity;
- Touches **predefined innovation areas** as depicted below.



Information driven organization



More with less



Relevant equipment



Human Performance



Smart E&T



Multi Domain Operations



Emerging technologies



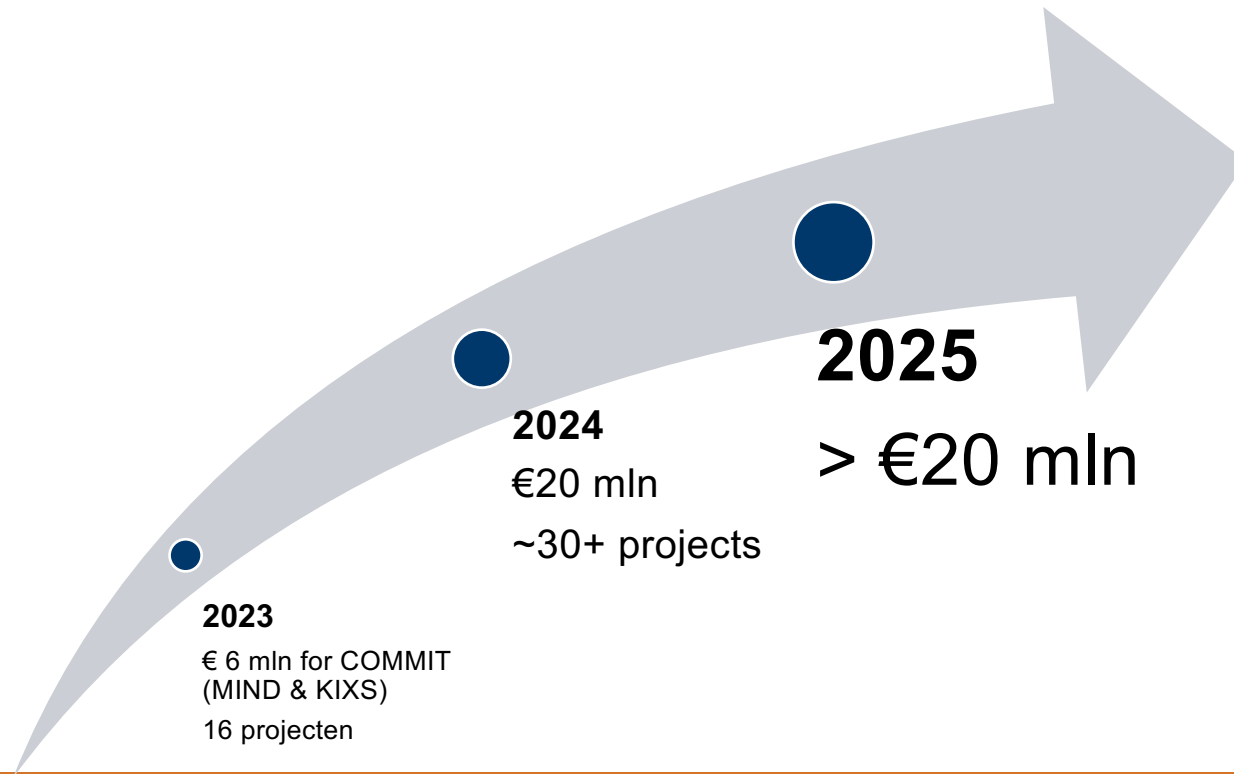
Social developments



Unforeseen opportunities and threats



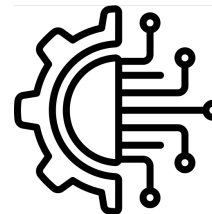
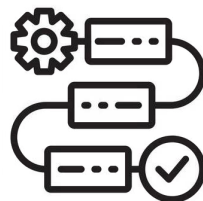
Increased priority and budget for short-cycled innovation

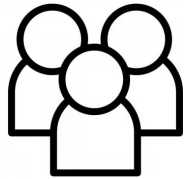




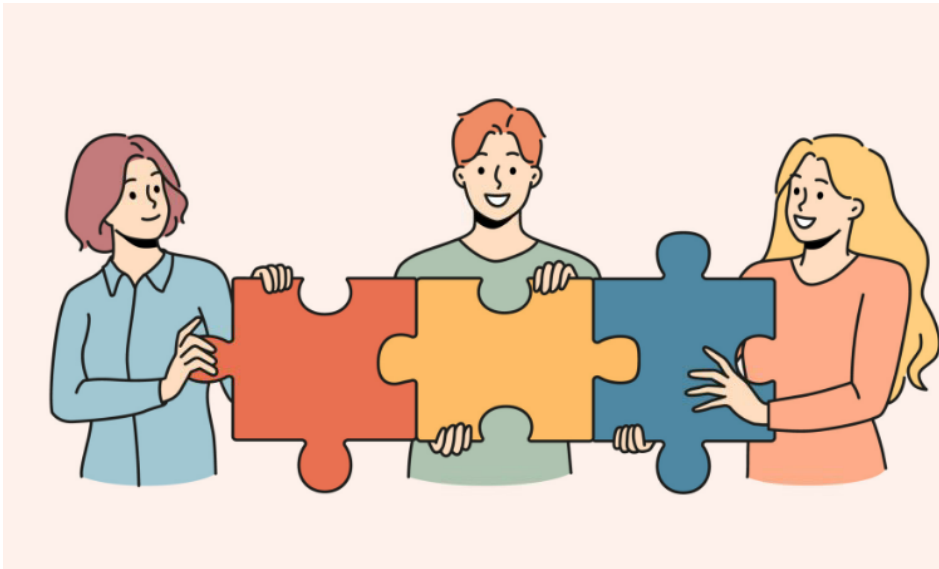
Great pressure innovation procurement process

- **More** projects for which purchasing needs to be done **quicker** than before;
- Heavy workload and challenges in finding talent result in **capacity** issues;
- **Complex** and **unclear processes** and tools result in increased workload;
- Increased **complexity** due to intensified collaboration with external partners.

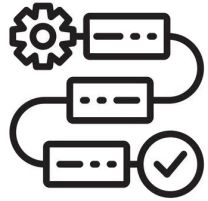




Involving right experts at the right time

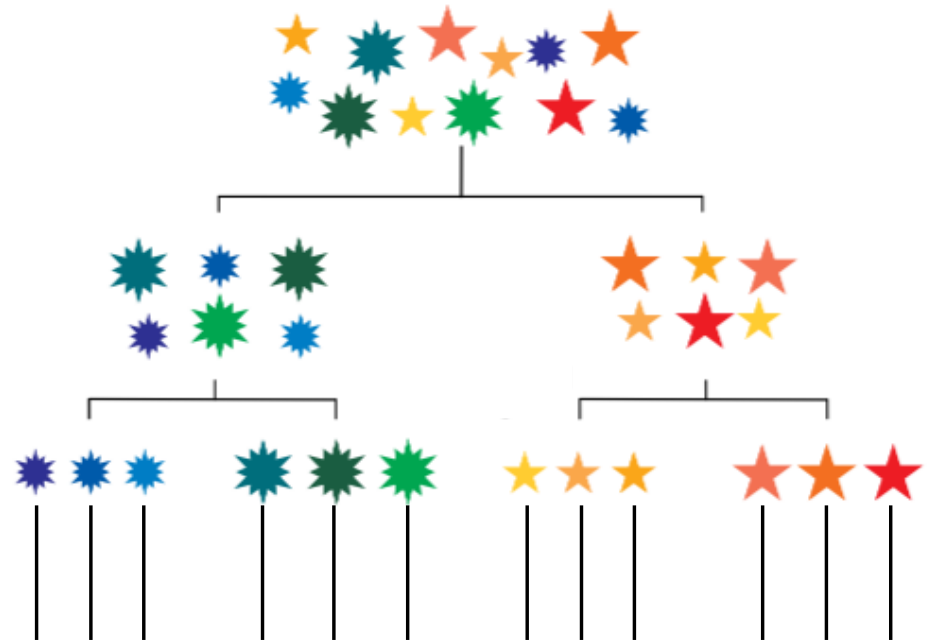


- Clear **vision and plan, early onboarding** ensures commitment;
- Establish **continuous collaboration** with (virtual &) diverse teams;
- **Dedicated innovation purchasers** to build knowledge and address capacity issues (partly);
- **Program managers** for complex innovation programs;
- Ease or eliminate of administrative work by smarter **use of technology**.



Simple and standardized processes

- Processes for similar activities should be reduced both in **complexity and in amount**;
- **Alignment** and **standardization** between departments and in the chain;
- Early involvement requires **proactive advice** on purchasing strategy;
- Implement **collaboration methods** to early and continuously address challenges.





Technology should help, not irritate

- **Reduce number of tools**, and with that processes, maintenance, integrations;
- Provide automated **overview** of purchasing status;
- **Proactive** and **automated communication** of progress;
- Use tooling to **train** and **guide** requestors and other stakeholders through the procurement process.



Disruptive change inevitable – let's start now!

- **Step out of** the existing suboptimal **processes**
- Redefine the **ideal** innovation procurement **journey**;
- **Pilot** with a **multidisciplinary team** and scale up successes;
- Start with **short-cycled innovation** projects as first use cases;
- **Extrapolate** findings to **larger purchasing** projects.

