

MINISTRY OF DEFENCE
OF THE
CZECH REPUBLIC



**DEFENCE INDUSTRY
AND INTERNATIONAL COOPERATION**

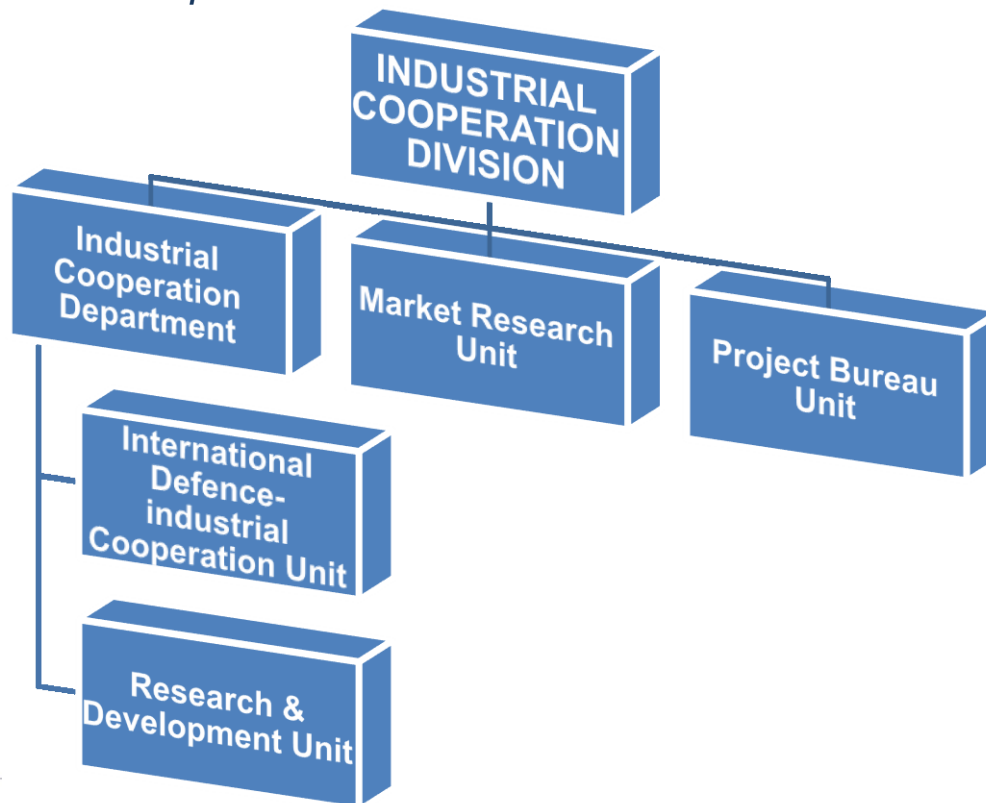
Mgr. Matěj Novák
International Defence-Industrial Cooperation Unit
Industrial Cooperation Department
INDUSTRIAL COOPERATION DIVISION

STRUCTURE



Industrial Cooperation Division

Restored since 1/1/2020, It forms a dedicated part of the Czech MoD focused on defence industry development support, internal defence-industrial relations, international industrial cooperation and R&D area.



FROM 2014 UP TO NOW



Historical development

- **Before 2014:** basically no strategic approach towards defence industry development support
- **2014:** Division of Industrial Cooperation and Organizations Management established.
- **2014 – 2015:** first baby steps, charting the course to create comprehensive defence industry support system.
- **2016 – 2017:** Strategy preparation and publishing ; large number of events and projects
 - Very successful in these two years – the volume of our exports has almost doubled!
 - Role and influence of our Division has been praised by industry and both domestic & foreign partners
- **End of 2017:** Independent division dissolved
- **1/1/2018:** Industrial Cooperation Department became part of the Acquisition and Armaments Division
- **1/1/2019:** Department have been reorganized under the Defence Policy and Strategy Division
- **1/1/2020:** Industrial Cooperation Division restored

INTERNATIONAL DEFENCE-INDUSTRIAL COOPERATION



- **Identification of opportunities for the Czech Defence Industry.**
- **Bringing Czech Defence Industry with political delegations abroad.**
- **Organization of visits of partner MoD's to the Czech Republic.**
- **Official endorsement on political level.**
- **Preparation of the genuine Czech G2G Defence Export System**
- **Organization of Czech Defence Industry days, Industrial fora etc.**
- **Anchoring industrial cooperation through memoranda of understanding.**

CHALLENGES FOR 2020 AND BEYOND



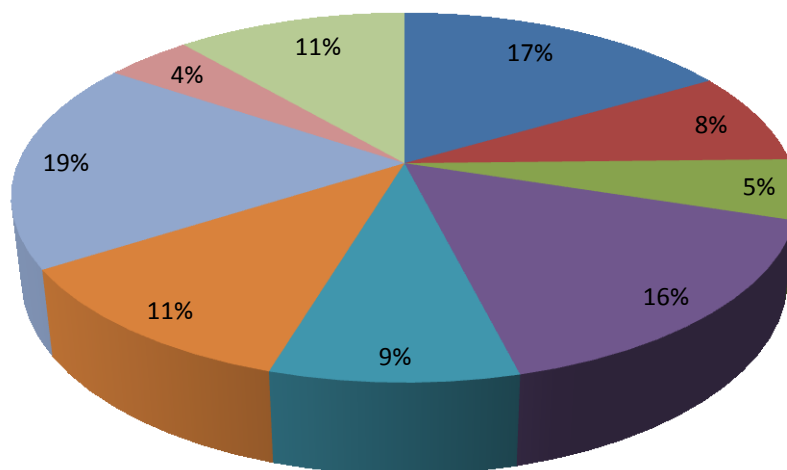
- **Maximization of domestic Def-Ind participation** on the planned major acquisition projects (IFV, helicopters, MADR radar system, SPH)
- Participation of Czech companies in the **European Defence Fund (EDF)** consortia
- The **PROPED** framework
- Improving **competitiveness, R&D**, ensuring **security of supplies** for the Army of the Czech Republic
- Participation in setting **the functioning system of internal Defence-Industrial relations** during the **State of Emergency**

CZECH DEFENCE INDUSTRY



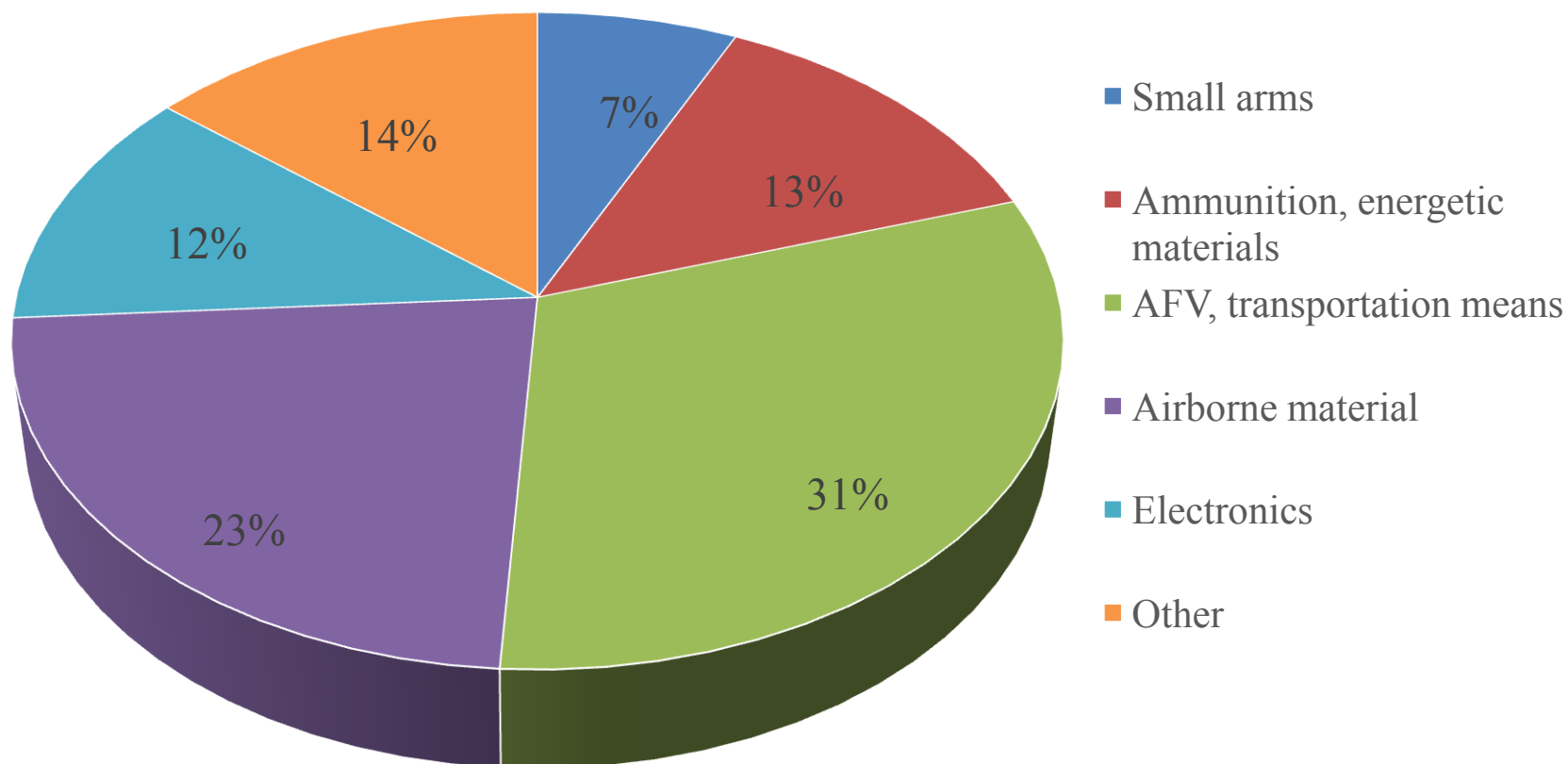
- Mainly comprised of **private SME's**
- 95 % of defence industry production → **export**
- Long tradition (100+ years)
- Combat proven products
- Focus on new technologies and areas (UAVs, UGVs, C4)
- Uniqueness in certain fields (PSS, trucks, small arms)
- Defence and Security Industry Association (www.aobp.cz)

STRUCTURE OF CZECH DEFENCE INDUSTRY



- 1) Aviation and associated equipment
- 2) Systems of command, their equipment
- 3) Navigation and radiolocation systems
- 4) Armoured and other vehicles, their equipments
- 5) Weapons, fire control systems, ammunition
- 6) Engineering, chemical and health equipment
- 7) Research, development, repair and training
- 8) Equipment and appliances for security services
- 9) Trade and other activities

DEFENCE INDUSTRY: EXPORT STRUCTURE



MILITARY EQUIPMENT EXPORTS 2014-2018



<u>Territory</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>
EU	128 802	156 021	181 988	169 232	191 295
Non-EU Europe	22 690	24 766	24 048	21 248	37 024
Sub-Saharan Africa	5 452	20 682	46 383	32 086	19 348
North Africa	37 304	41 603	30 408	20 066	12 334
Asia	57 329	99 101	114 877	114 129	119 427
Middle East	113 586	133 781	204 904	122 586	69 860
Latin America	23 262	29 938	28 984	13 080	21139
North America	33 449	42 587	42 950	64 811	65 568

*Values listed in thousands of EUR.



- LOM Praha – Aircraft Repair Plant
- VOP CZ – Military Repair Enterprise
- VTÚ – Military Technical Institute
- VVÚ – Military Research Institute

LOM PRAHA, S. P.

TISKAŘSKÁ 270/8, 108 00 PRAHA 10



LOM PRAHA s.p. is the leading company specializing on the Mi helicopters lifecycle support in the NATO and EU countries.



Product portfolio:

- overhauls, upgrades and modernizations of Mi-2, Mi-8/17, Mi-24/35 helicopters and their dynamic components
- training for pilots
- comprehensive services regarding tactical simulation for aircraft, helicopters and ground forces training



CLV & TSC PARDUBICE*



VOP CZ, S. P.

DUKELSKÁ 102, 742 42 ŠENOV U NOVÉHO JIČÍNA



VOP CZ, s.p. is a state enterprise working as an integrator and supplier of modern defence equipment and systems mainly to the requirements of Army of the Czech Republic and subsequently to foreign customers too.



VOJENSKÝ TECHNICKÝ ÚSTAV, S. P.

MLADOBOLESLAVSKÁ 944, 197 06 PRAHA 9 -KBELY



The Military Technical Institute is a state enterprise - provides strategic deliveries and services needed to guarantee Czech Republic's defence and security, as well as to fulfil its obligations associated with Czech Republic's NATO and EU memberships.



Consists of three branches focused on research, development and testing in their respective fields of work:

- Air Force and Air Defence Military Technical Institute (AFADMTI) – Air Force and GBAD
- Military Technical Institute of Ground Forces (MTIGF) – Ground Engineering
- Military Technical Institute of Armament and Ammunition (MTIAA)



VOJENSKÝ VÝZKUMNÝ ÚSTAV, S. P.

VESLAŘSKÁ 230, 637 00 BRNO



Military Research Institute, state enterprise, is the only state-owned company issued by Ministry of Defence that holds the character of a research institute.



Specializations:

- **CBRN Protection.**
- **Special electronics, camouflage and deception – sensors, electronics and cybernetic warfare.**
- **Materials Engineering – special metal and non-metal materials, technology of surface protection, the system of quality and the technology of logistics.**



Vojenský výzkumný ústav, s. p.

SELECTED PRIVATE COMPANIES



AERO VODOCHODY

- Jet Trainer L-39
- New version L-39NG (Williams engine, new avionics, new airframe)
- Broad international cooperation (Embraer KC-390)

ERA PARDUBICE, RAMET, Retia, T-CZ

- Passive surveillance systems

TATRA TRUCKS, TATRA DEFENCE VEHICLE

- Unique, unbeatable chassis for demanding use
- World-wide use for various weapons platforms
- Production of wheeled AFV's PANDUR II and chassis for TITUS

ČESKÁ ZBROJOVKA

- Complete line of small weapons and tactical equipment for armed forces

URC Systems, MESIT Defence

- Radio-electronic warfare systems

SELECTED PRIVATE COMPANIES II.





Q&As

email.:
Novakm7@army.cz

THANK YOU VERY MUCH FOR YOUR ATTENTION