AT EDF INFO DAY 2025

BEST PRACTICE BATTLEPAD

Philipp LECHNER, CEO
PHILIPP.LECHNER@BACKBONE.IO

March 06, 2025

The content of this presentation includes proprietary and confidential information of MUSE Electronics GmbH (collectively the „information“). The information is being provided to the recipient in connection with an evaluation of MUSE Electronics GmbH and its business for possible cooperation purposes, is the property of MUSE Electronics GmbH and is confidential; as such, the information must be kept confidential by the recipient and may not be disclosed or further distributed without the written consent of MUSE Electronics GmbH other than to the recipient's officers, employees, representatives and agents on a need-to-know basis. Recipient shall not use the information for any purpose other than for evaluating a cooperation with the company.

MUSE
ELECTRONICS

- AUSTRIAN COMPUTER HARDWARE MANUFACTURER
- PRODUCTS CALLED BACKBONE
- AUSTRIAN & EUROPEAN R&D SUBSIDIES SINCE 2018
- HEADQUARTER IN VIENNA
- 100% AUSTRIAN ULTIMATE OWNERSHIP
- EDA CAPTECH INFORMATION AND CYBER MEMBER

Federal Ministry
Republic of Austria
Defence

FFG
Promoting Innovation.

AIT
AUSTRIAN INSTITUTE OF TECHNOLOGY

EUROPEAN DEFENCE AGENCY

European Commission
EUROPEAN DEFENCE INDUSTRIAL DEVELOPMENT PROGRAMME

CONFIDENTIAL & PROPRIETARY INFORMATION OF MUSE ELECTRONICS

MISSION STATEMENT

In order to achieve *true system security*,
computer hardware must be cyber-secure,
software will not do the job.

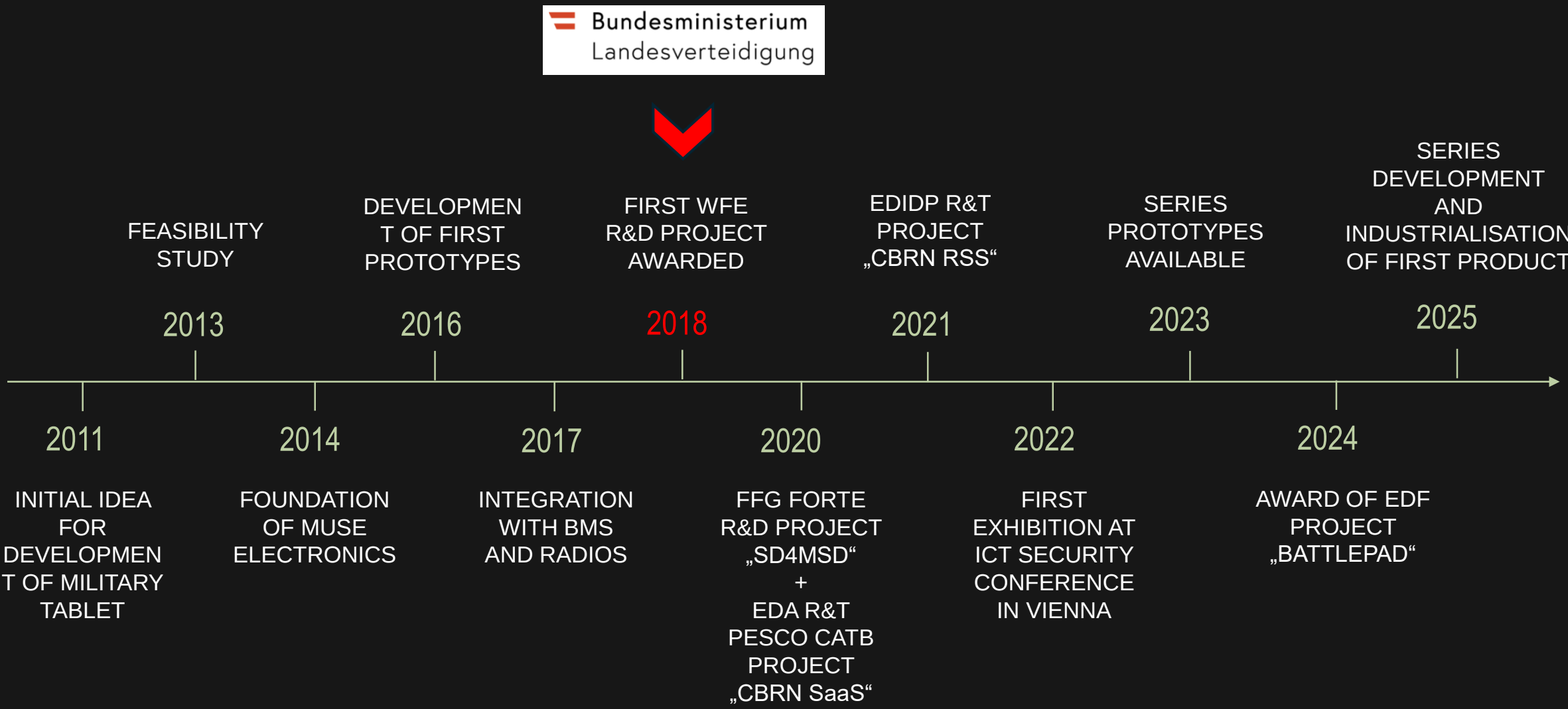
Europe will need to re-establish an innovative
and competitive *computer hardware industry*,
in order to become independent of competing powers

BACKBONE stands for a paradigm shift,
offering true cyber-security,
at the hardware layer.

CONFIDENTIAL & PROPRIETARY INFORMATION OF MUSE ELECTRONICS

BACKBONE

COMPANY MILESTONES



CONFIDENTIAL & PROPRIETARY INFORMATION OF MUSE ELECTRONICS

BACKBONE

R&D MILESTONES

"SD4MSD – Single Device for Multiple Security Domains" overall concept at physical, hardware and software level for highly robust EUDs with individual configurability for specific (military) purposes and security domains

= basis for development actions within BATTLEPAD

2020-2021

Bundesministerium Landesverteidigung

BMLV/Abteilung WFE

"Single Device – Multi Security Domain"

2021-2023

Bundesministerium Landesverteidigung

AIT AUSTRIAN INSTITUTE OF TECHNOLOGY

FFG Promoting Innovation.

FORTE

2024

Bundesministerium Landesverteidigung

BATTLEPAD

Single Device for Secure Command, Control and Communication (SD4SC3)

(EDF-2023-LS-DA-SME-NT – Non-thematic development actions by SMEs)

BATTLEPAD
PARTNERS

LEAD:	**MUSE** Electronics GmbH (AUSTRIA)
PARTNER:	**ORQA** d.o.o. (CROATIA)
PARTNER:	**MIL SISTEMIKA** d.o.o. (SLOVENIA)

BACKBONE
BEST PRACTICE

INNOVATION

BOLDNESS

PERSISTENCE

COOPERATION

LOYALTY

THANKFULNESS

THANK YOU FOR YOUR ATTENTION