



Bundesministerium
für Bildung
und Forschung

Microelectronics.
Trustworthy and sustainable.
For Germany and Europe.



German Priorities for KDT

Important cross-cutting priorities for all thematic priorities

- Trusted electronics as a necessity for European sovereignty
- Green ICT to contribute to the climate change challenge
- SME-friendly topics and conditions to make KDT attractive for smaller companies
- Topics with high innovation gain to avoid large projects with incremental progress
- Focus on industry-led pre-competitive consortia with high risks and TRLs in the range 3-8



German Priorities for KDT

German Microelectronics Framework Programme 2021-24

Workshop 6: Open Source HW and RISC-V

- Open source approaches avoid dependencies – one tool for technological sovereignty
- Open source approaches are enabler for scalable and modular-based hardware IP, software and development tools
- RISC-V: complete innovation ecosystem for accelerated, platform-based design of specialised processors for a wide range of applications
- RISC-V: SMEs can design, manufacture and market processors without licensing costs