

Quintauris

the trusted bridge
between RISC-V
innovation and
commercial solutions.



·QUINTAURIS

INDUSTRIES ALL AROUND THE GLOBE

and especially the
semiconductor industry
are more and more driven
by challenges like...





**High-speed
Innovation**



**Global
Decoupling**

Cost Competitiveness

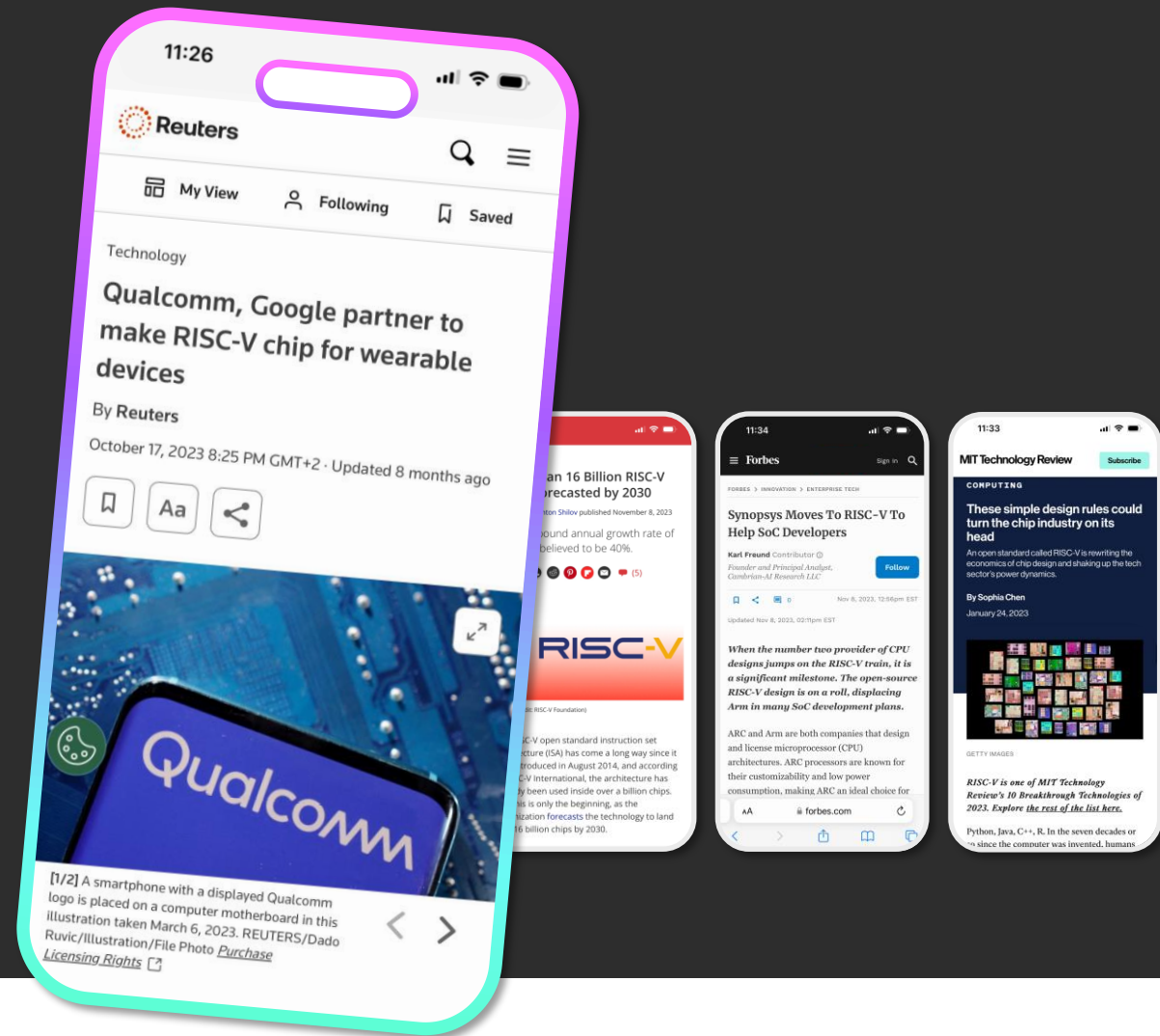
**A revolution is disrupting
the processor market**

25%

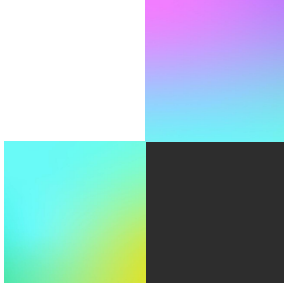
of processor market will be based on **RISC-V** by **2030**, reports RISC-V international¹

RISC-V has become a reality in the commercial space

¹ Source: risev.org



**RISC-V is
revolutionizing
how the industry is
thinking processors and
computing**



Open-standard
Instruction Set
Architecture and
Extensions

License-free &
Customizable for use-
case and domain
designs

Growing **Global**
Ecosystem including
IP, Software and
Certification

Enabling **Next-Gen**
Processors from MCU
to IA



but.

but

...today, the ecosystem is still missing
the expected level of alignment

·QUINTAURIS

We are the **trusted bridge** between **RISC-V innovation** and **commercial solutions**.

Vision

Mission

Usability

Viability

Alignment

A global initiative with European footprint and ambitious growth trajectory



Industry leading shareholders

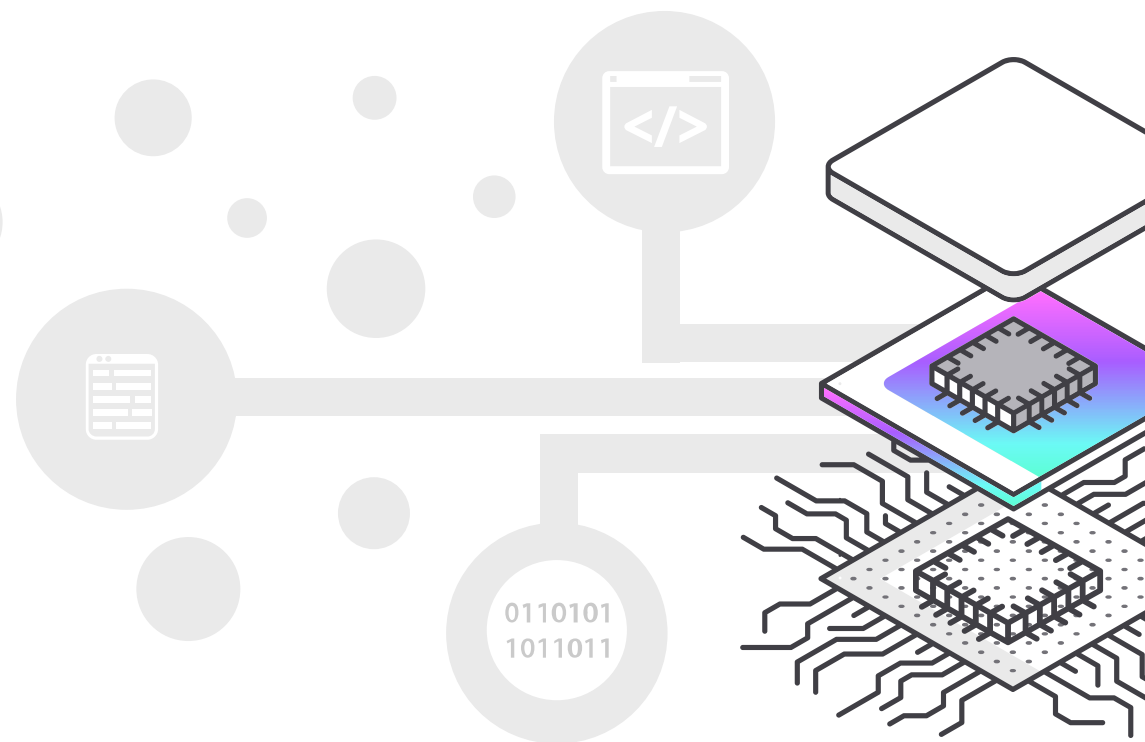


Located in Innovation Hubs

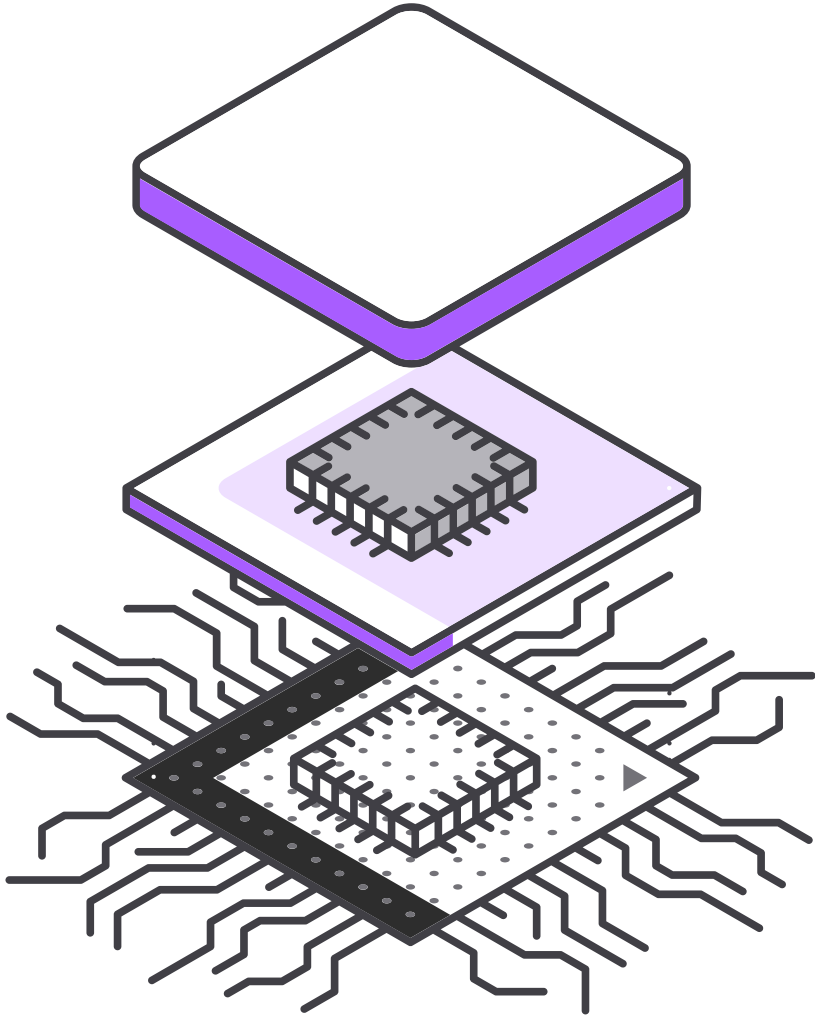
Quintauris value proposition

Industrializing RISC-V

Quintauris will specify **reference architectures** for RISC-V processor classes, with initial focus in **automotive MCU and real-time processors** – with commitment to expand to other markets and processor classes.



Quintauris Value Proposition



> Profile

Specification ISA, Extensions and Privilege Mode

> Platform

Specification boot & runtime services, SoC Platform HW and performance requirements

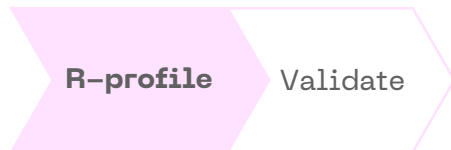
> Microarchitecture

Validation and **Certification** of Commercial Solutions



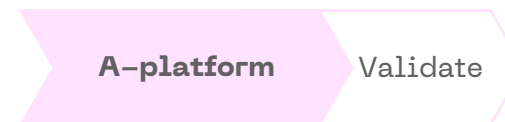
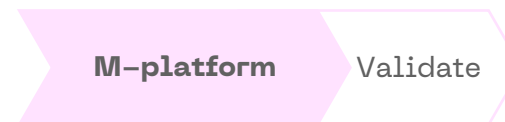
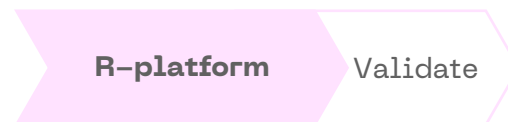
RISC-V Profile

Specification ISA,
Extensions and Privilege
Mode



RISC-V Platform

Specification boot & runtime
services, SoC Platform HW and
performance requirements



Increase alignment, nurture
competition and secure
long-term support



Architecture Validation
(including Safety and
Security) and Platform
Certification (including
Debug & Trace)



Use-case & domain
focus industrialization

RISC-V is
here to stay.

And so is
Quintauris.



Hungry for more?

Reach out to us at the University Demo Theatre or connect further!



Get in touch



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