

FRAMEWORK PARTNERSHIP AGREEMENT IN EUROPEAN LOW-POWER MICROPROCESSOR TECHNOLOGIES





- •European independence in High Performance Computing Processor Technologies
- •EU Exascale machine based on EU processor by 2023
- •Based on solid, long-term economic model, go beyond the HPC market
- •Address the needs of European Industry (Car manufacturing market)
- •End-to-end security



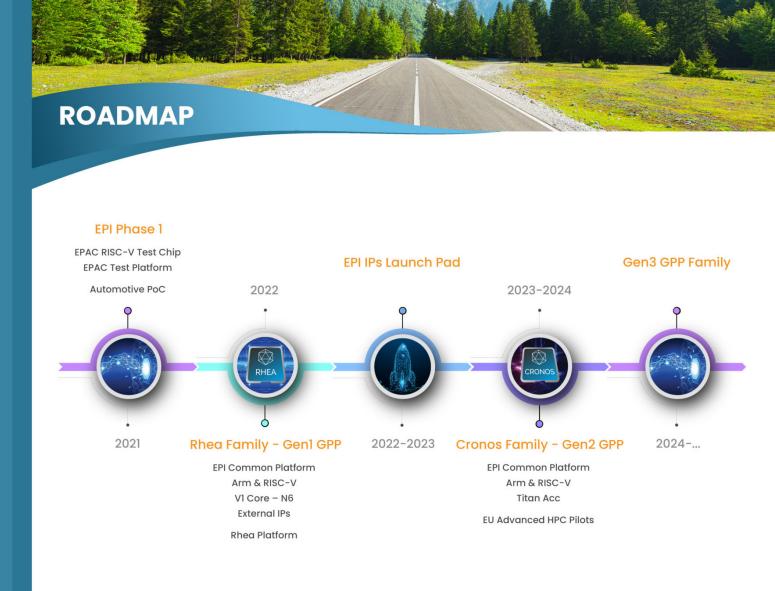
VISION

- •High Performance Computing needs for Exascale machines beyond 2022
- Connected mobility and Autonomous Driving computing needs beyond 2023
- Low power CPU needs for Servers and Cloud
- •Other markets under exploration (Server, Cloud)



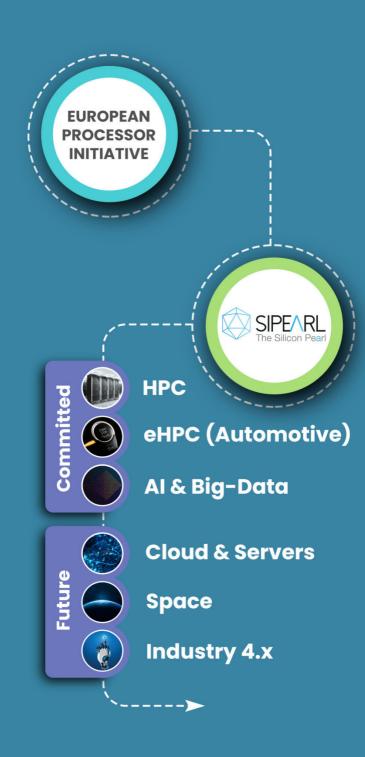
IMPACT

- •Strengthening the competitiveness and leadership of European industry and science
- •European microprocessor technology with drastically better performance/power ratios
- •Tackling important segments of broader and/or emerging HPC and Big-Data markets



PROJECT PILLARS

- Common platform and global architecture stream
- •HPC general purpose processor stream
- Accelerator stream
- Automotive platform stream





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