

AI Technology for Edge applications

The future products in the Edge IoT domain stand on efficient Neuromorphic solutions

ANDANTE aims to leverage innovative IC designs to build powerful HW&SW platforms for artificial and spiking neural networks (ANN/SNN) as a basis for future products in the Edge IoT domain, combining extreme power efficiency with robust neuromorphic computing capabilities and demonstrate them in key application areas.

ANDANTE main focus

	Emerging eNVM memories	Tools & Methodologies	Neuromorphic ASICs & FPGAs	AI Platforms & Applications
	 OxRAM, PCM 	• SW-HW co-design	• SNN and ANN architectures	 Validate, and evaluate
\geq	 FeFET, SOT-MRAM 	 Training, profiling and mapping a 	 Digital, mixed- design strategies 	 performance Solutions

neural network on a HW target pertinence

"ANDANTE targets the development of innovative solutions in the Edge with strong market impact"

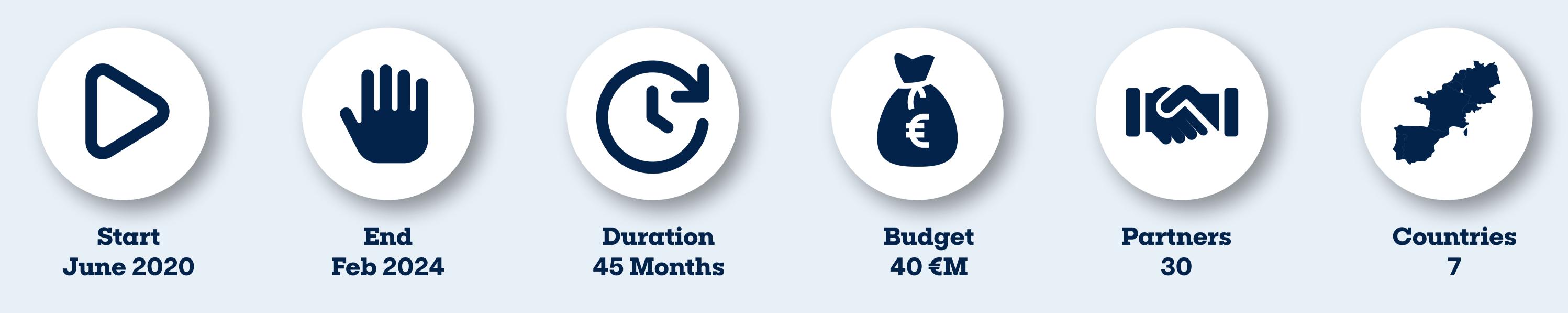
Validation and evaluation of neuromorphic technologies applicability for five application domains, essentials for the future of European competitiveness







Project facts and figures





ANDANTE

AI for New Devices And Technologies at the Edge



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FMC The Ferroelect Memory Compa

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