

Allegato 3 - Tematiche e dotazione finanziaria

N	Titolo tematica	Descrizione tematica	Importo dotazione finanziaria K/€	Costo minimo progettuale K/€	Costo massimo progettuale K/€	Campo intervento 022	Campo intervento 023	Campo intervento 006
1	Developing federated learning methods for extreme computational frameworks;	The applicant is expected to submit a project proposal focusing on the theoretical, algorithmic and applicative challenges of federated learning scenarios in extreme computational frameworks, i.e. from edge devices up to high-performing computers. This objective includes federated learning in heterogeneous settings, large-scale learning federated scenarios and across multiple domains, generalization abilities of federated learning approaches and applications related to finance, insurance, autonomous unmanned vehicles and embedded systems.	665	75	150	33%	17%	50%
2	Developing artificial intelligence methods in extreme computational framework for multimodal and multiagent systems	The applicant is expected to submit a project proposal focusing on the study of the theory, algorithms and applications of artificial intelligence methods in extreme computational frameworks for multimodal and multiagent systems. Multimodality is an intrinsic and essential property for intelligent systems equipped with various degrees of autonomy. This is even more true when such systems are composed of multiple agents cooperating among them to achieve specific goals, possibly with different embodiments.	665	75	150	33%	17%	50%