

Inteligência Artificial no H2020

Abaixo (tabela) estão reunidos os concursos do H2020 que estão orientados diretamente para o desenvolvimento de Inteligência Artificial ou que mencionam a Inteligência Artificial no texto do concurso.

Tabela – Concursos H2020 para a Inteligência Artificial

H2020	Concurso	Fases Avaliação	Deadline	M€
FET ¹	FETPROACT-EIC-05-2019 <i>FET Proactive: emerging paradigms and communities (RIA)</i> <i>a. Human-Centric AI.</i> <i>b. Implantable autonomous devices and materials</i>	single	13nov19	87,4
	FETPROACT-EIC-06-2019 - <i>EIC Transition to Innovation Activities</i> • <i>Artificial Intelligence and advanced robotics</i>			26
	FETPROACT-08-2020 : <i>Environmental Intelligence (RIA)</i>		22abr20	18
INFRA ²	INFRAEDI-05-2020 - <i>Centres of Excellence in exascale computing (RIA)</i>	single	13nov19	20
ICT ³	ICT-48-2020 - <i>Towards a vibrant European network of AI excellence centres (RIA, CSA)</i>	single	13Nov19	50 RIA: 48 CSA: 2
	DT-ICT-03-2020 : <i>I4MS (phase 4) - uptake of digital game changers</i> • <i>Innovative Artificial Intelligence in manufacturing</i> • <i>Cognitive autonomous systems and human-robot interaction</i>			71 IA: 70 CSA: 1
	ICT-55-2020 - <i>Interactive Technologies (IA)</i>			17
	ICT-38-2020 - <i>Artificial intelligence for manufacturing (EU – Japão) (RIA, CSA)</i>		16jan20	48 RIA: 47 CSA: 1
	ICT-44-2020 - <i>Next Generation Media (IA, CSA)</i>			17,5 IA: 15,5 CSA: 2
	ICT-51-2020 - <i>Big Data technologies and extreme-scale analytics (RIA, CSA)</i>			31,5 RIA: 30 CSA: 1,5

¹ FET – Tecnologias Emergentes e Futuras

² INFRA – Infraestruturas de Investigação

³ ICT – Tecnologias de Informação e Comunicação

H2020	Concurso	Fases Avaliação	Deadline	M€
ICT	ICT-54-2020 - <i>Blockchain for the Next Generation Internet (RIA)</i>	single	16Jan20	20
	ICT-56-2020 - <i>Next Generation Internet of Things (RIA, CSA)</i>			48,5 RIA: 46 CSA: 2
	ICT-49-2020: Artificial Intelligence on demand platform (IA)		22Abr20	20
	ICT-52-2020 - <i>5G PPP – Smart Connectivity beyond 5G (RIA)</i>			55
	ICT-58-2020 - <i>International partnership building between European and African innovation hubs (IA, CSA)</i>			11 IA: 10 CSA: 1
	ICT-57-2020 : <i>An empowering, inclusive Next Generation Internet (RIA)</i>			7
	DT-ICT-12-2020: AI for the smart hospital of the future (IA)			40
	ICT-40-2020 - <i>Cloud Computing: towards a smart cloud computing continuum</i>			20 RIA:19,4 CSA:0,6
EuroH PC ⁴	EuroHPC-02-2019 - <i>HPC and data centric environments and application platforms (IA)</i>	single	14jan20	55
NMBP ⁵	BIOTEC-07-2020 - <i>Multi-omics for the optimisation of genotype-phenotype associations (RIA)</i>	Two-stage	2dez19 14mai20	56
SPIRE ⁶	DT-SPIRE-11-2020 - Artificial Intelligence and Big Data Technologies for Process Industries (CSA)	single	5 fev20	0,6
EEB ⁷	LC-EEB-07-2020 : <i>Smart Operation of Proactive Residential Buildings (IA)</i>			
	LC-EEB-08-2020 : <i>Digital Building Twins (RIA)</i>			
FoF ⁸	DT-FOF-09-2020 : <i>Energy-efficient manufacturing system management (IA)</i>			
Espaço	DT-SPACE-25-EO-2020 - Big data technologies and Artificial Intelligence for Copernicus (RIA)	single	5mar20	10
DS1 ⁹	SC1-BHC-06-2020 - <i>Digital diagnostics – developing tools for supporting clinical decisions by integrating various diagnostic data</i>	single	7abr20	40
	SC1-DTH-12-2020 - <i>Use of Real-World Data to advance research on the management of complex chronic conditions (RIA)</i>			41
	SC1-DTH-02-2020: Personalised early risk prediction, prevention and intervention based on			32

⁴ Parceria Computação de Elevado Desempenho

⁵ NMBP – Nanotecnologias, Materiais Avançados, Tecnologias de Produção e Processos Avançados

⁶ Parceria Indústrias de Processos Sustentáveis

⁷ Parceria Edifícios Energeticamente Eficientes

⁸ Parceria Fábricas do Futuro

⁹ DS1 - Saúde

H2020	Concurso	Fases Avaliação	Deadline	M€
	Artificial Intelligence and Big Data technologies (RIA)		22abr20	
	DT-TDS-04-2020: AI for Genomics and Personalised Medicine (RIA)			35
	DT-TDS-05-2020: AI for Health Imaging (RIA)	single	22abr20	35
DS3 ¹⁰	LC-SC3-B4E-6-2020 - Big data for buildings (IA)	single	15jan20	12
	LC-CLA-12-2020: Advancing climate services (RIA)	Two-stage	13fev20 3set20	22
DS5 ¹¹	CE-SC5-07-2020 - Raw materials innovation for the circular economy: sustainable processing, reuse, recycling and recovery schemes	Two-stage	5fev20 3set20	40
DS6 ¹²	DT-TRANSFORMATIONS-02-2018-2019-2020: Transformative impact of disruptive technologies in public services (RIA)	single	12mar20	7
	SU-FCT03-2018-2019-2020 - Information and data stream management to fight against (cyber)crime and terrorism (IA)		22ago19	8
	SU-INFRA01-2018-2019-2020 - Prevention, detection, response and mitigation of combined physical and cyber threats to critical infrastructure in Europe			22
	SU-FCT03-2018-2019-2020 - Information and data stream management to fight against (cyber)crime and terrorism (IA)			8
DS7 ¹³	SU-AI01-2020 - Developing a research roadmap regarding Artificial Intelligence in support of Law Enforcement (CSA)	single		1,5
	SU-AI02-2020 - Secure and resilient Artificial Intelligence technologies, tools and solutions in support of Law Enforcement and citizen protection, cybersecurity operations and prevention and protection against adversarial Artificial Intelligence (IA)		27ago20	17,5
	SU-AI03-2020 - Human factors, and ethical, societal, legal and organisational aspects of using Artificial Intelligence in support of Law Enforcement (CSA)			1,5
	SU-INFRA01-2018-2019-2020 - Prevention, detection, response and mitigation of combined physical and cyber threats to critical infrastructure in Europe			20,7
SESAR ¹⁴	SESAR-ER4-03-2019 - Complexity and Data Science for ATM Performance	single	10set19	15,5

¹⁰ DS3 - Energia

¹¹ DS5 – Ambiente

¹² DS6 – Sociedades

¹³ DS7 – Segurança e Cibersegurança

¹⁴ Parceria Tráfico Aéreo

H2020	Concurso	Fases Avaliação	Deadline	M€
IMI ¹⁵	IMI2-2019-18-01 - <i>Central repository of digital pathology slides to support the development of artificial intelligence tools</i>	<i>Two-stage</i>	26set19 26mar20	
Swafs ¹⁶	SwafS-29-2020 - The ethics of technologies with high socio-economic impact (CSA)	<i>single</i>	15abr20	4

Legenda: A **bold** estão assinalados os concursos diretamente orientados para Inteligência Artificial e os restantes são concursos que mencionam Inteligência Artificial no texto.

¹⁵ Parceria Farmacêutica

¹⁶ Ciência com e para a Sociedade