



Università  
Ca'Foscari  
Venezia

**PROJECT ACRONYM AND TITLE:** AI4EU - A European AI On Demand Platform and Ecosystem

**FUNDING PROGRAMME:** H2020 ICT - Information and Communication Technologies

**CALL:** H2020-ICT-2018-2020

**SCIENTIFIC FIELDS:** Artificial Intelligence

**HOST CENTRE:** ECLT - European Centre for Living Technology

**SCIENTIFIC RESPONSIBLE:** Marcello Pelillo

**FINANCIAL DATA:**

Project total costs	Overall funding assigned to UNIVE
€ 20.618.400,00	€ 541.381,25

**ABSTRACT:**

Artificial Intelligence is a disruptive technology of our times with expected impacts rivalling those of electricity or printing. Resources for innovation are currently dominated by giant tech companies in North America and China. To ensure European independence and leadership, we must invest wisely by bundling, connecting and opening our AI resources. AI4EU will efficiently build a comprehensive European AI-on-demand platform to lower barriers to innovation, to boost technology transfer and catalyse the growth of start-ups and SMEs in all sectors through Open calls and other actions. The platform will act as a broker, developer and one-stop shop providing and showcasing services, expertise, algorithms, software frameworks, development tools, components, modules, data, computing resources, prototyping functions and access to funding. Training will enable different user communities (engineers, civic leaders, etc.) to obtain skills and certifications. The AI4EU Platform will establish a world reference, built upon and interoperable with existing AI and data components (e.g. the Acumos open-source framework, QWT search engine..) and platforms. It will mobilize the whole European AI ecosystem and already unites 80 partners in 21 countries including researchers, innovators and related talents. Eight industry-driven AI pilots will demonstrate the value of the platform as an innovation tool. In order to enhance the platform, research on five key interconnected AI scientific areas will be carried out using platform technologies and results will be implemented. The pilots and research will showcase how AI4EU can stimulate scientific discovery and technological innovation. The AI4EU Ethical Observatory will be established to ensure the respect of human centred AI values and European regulations. Sustainability will be ensured via the creation of the AI4EU Foundation. The results will feed a new and comprehensive Strategic Research Innovation Agenda for Europe.

Planned Start date	Planned End date
1 <sup>st</sup> January 2019	31 <sup>st</sup> December 2021

**PARTNERSHIP:**

<b>1.</b>	<b>Thales Six Gts France Sas</b>	<b>Francia</b>	<b>Coordinatore</b>
<b>2.</b>	<b>Università Ca' Foscari</b>	<b>Italia</b>	<b>Partner</b>
<b>3.</b>	<b>Abb As</b>	<b>Norvegia</b>	<b>Partner</b>
<b>4.</b>	<b>Agi Research Sro</b>	<b>Repubblica Ceca</b>	<b>Partner</b>
<b>5.</b>	<b>Allianz Se</b>	<b>Germania</b>	<b>Partner</b>
<b>6.</b>	<b>Atos Spain Sa</b>	<b>Spagna</b>	<b>Partner</b>
<b>7.</b>	<b>Aristotelio Panepistimio Thessalonikis - Eidikos Logariasmos Kondilion Erevnas</b>	<b>Grecia</b>	<b>Partner</b>
<b>8.</b>	<b>Blumorpho Sas</b>	<b>Francia</b>	<b>Partner</b>
<b>9.</b>	<b>Budapesti Muszaki Es Gazdasagtudomanyi Egyetem</b>	<b>Ungheria</b>	<b>Partner</b>
<b>10.</b>	<b>Bureau De Recherches Geologiques Et Minieres</b>	<b>Francia</b>	<b>Partner</b>
<b>11.</b>	<b>Barcelona Supercomputing Center - Centro Nacional De Supercomputacion</b>	<b>Spagna</b>	<b>Partner</b>
<b>12.</b>	<b>Fundacion Cartif</b>	<b>Spagna</b>	<b>Partner</b>
<b>13.</b>	<b>Commissariat A L Energie Atomique Et Aux Energies Alternatives</b>	<b>Francia</b>	<b>Partner</b>
<b>14.</b>	<b>Cineca Consorzio Interuniversitario</b>	<b>Italia</b>	<b>Partner</b>
<b>15.</b>	<b>Consiglio Nazionale Delle Ricerche</b>	<b>Italia</b>	<b>Partner</b>
<b>16.</b>	<b>Centre National De La Recherche Scientifique</b>	<b>Francia</b>	<b>Partner</b>
<b>17.</b>	<b>Agencia Estatal Consejo Superior De Investigaciones</b>	<b>Spagna</b>	<b>Partner</b>
<b>18.</b>	<b>National Center For Scientific Research"Demokritos"</b>	<b>Grecia</b>	<b>Partner</b>
<b>19.</b>	<b>Deutsches Forschungszentrum Fur Kunstliche Intelligenz Gmbh</b>	<b>Germania</b>	<b>Partner</b>
<b>20.</b>	<b>Deutsches Zentrum Fuer Luft - Und Raumfahrt Ev</b>	<b>Germania</b>	<b>Partner</b>
<b>21.</b>	<b>Eit Digital</b>	<b>Belgio</b>	<b>Partner</b>
<b>22.</b>	<b>Eotvos Lorand Tudomanyegyetem</b>	<b>Ungheria</b>	<b>Partner</b>
<b>23.</b>	<b>European Organisation For Security Scrl</b>	<b>Belgio</b>	<b>Partner</b>
<b>24.</b>	<b>Fundingbox Research Aps</b>	<b>Danimarca</b>	<b>Partner</b>
<b>25.</b>	<b>Fondazione Bruno Kessler</b>	<b>Italia</b>	<b>Partner</b>
<b>26.</b>	<b>Fraunhofer Gesellschaft Zur Foerderung Der Angewandten Forschung E.V.</b>	<b>Germania</b>	<b>Partner</b>
<b>27.</b>	<b>France Digitale</b>	<b>Francia</b>	<b>Partner</b>
<b>28.</b>	<b>Foundation For Research And Technology Hellas</b>	<b>Grecia</b>	<b>Partner</b>
<b>29.</b>	<b>Forum Virium Helsinki Oy</b>	<b>Finlandia</b>	<b>Partner</b>
<b>30.</b>	<b>Grassroots Arts And Research Ug</b>	<b>Germania</b>	<b>Partner</b>
<b>31.</b>	<b>Hub France Ia</b>	<b>Francia</b>	<b>Partner</b>
<b>32.</b>	<b>Fondation De L'institut De Recherche Idiap</b>	<b>Svizzera</b>	<b>Partner</b>
<b>33.</b>	<b>Industrial Data Space Ev</b>	<b>Germania</b>	<b>Partner</b>
<b>34.</b>	<b>Institut Mines-Telecom</b>	<b>Francia</b>	<b>Partner</b>
<b>35.</b>	<b>Institut National De Recherche Eninformatique Et Automatique</b>	<b>Francia</b>	<b>Partner</b>
<b>36.</b>	<b>Associacao Do Instituto Superior</b>	<b>Portogallo</b>	<b>Partner</b>

Tecnico Para A Investigacao E Desenvolvimento		
37. Ethniko Kentro Erevnas Kai Technologikis Anaptyxis	Grecia	Partner
38. Institut Jozef Stefan	Slovenia	Partner
39. Karlsruher Institut Fuer Technologie	Germania	Partner
40. Know-Center Gmbh Research Center For Data-Driven Business & Big Data Analytics	Austria	Partner
41. University Of Leeds	Regno Unito	Partner
42. Loupe 16 Ltd	Regno Unito	Partner
43. Universita Degli Studi Di Roma La Sapienza	Italia	Partner
44. Norges Teknisk-Naturvitenskapelige Universitet Ntnu	Norvegia	Partner
45. National University Of Ireland Galway	Irlanda	Partner
46. Office National D'etudes Et De Recherches Aeronautiques Et Spaciales	Francia	Partner
47. Orange Sa	Francia	Partner
48. Orebro University	Svezia	Partner
49. Pg Wconsulting Sarl	Svizzera	Partner
50. Wavestone Advisors	Francia	Partner
51. Universite Paris I Pantheon-Sorbonne	Francia	Partner
52. Qwant	Francia	Partner
53. Siemens Aktiengesellschaft	Germania	Partner
54. Sap Se	Germania	Partner
55. Smile	Francia	Partner
56. Smartrural Sll	Spagna	Partner
57. Simula Research Laboratory As	Norvegia	Partner
58. Thales Alenia Space France	Francia	Partner
59. Thomson Licensing	Francia	Partner
60. Telenor Asa	Norvegia	Partner
61. Tilde Sia	Lettonia	Partner
62. Thales Sa	Francia	Partner
63. Technische Universitat Berlin	Germania	Partner
64. Umea Universitet	Svezia	Partner
65. Technicka Univerzita V Kosciach	Slovacchia	Partner
66. Technische Universitaet Muenchen	Germania	Partner
67. Technische Universitaet Wien	Austria	Partner
68. Alma Mater Studiorum - Universita Di Bologna	Italia	Partner
69. University College Cork - National University Of Ireland	Irlanda	Partner
70. Universidade De Coimbra	Portogallo	Partner
71. Universite Grenoble Alpes	Francia	Partner
72. Unilever U.K. Central Resources Limited	Regno Unito	Partner
73. Ethniko Kai Kapodistriako Panepistimio Athinon	Grecia	Partner
74. Universidad Politecnica De Madrid	Spagna	Partner
75. Universita' Degli Studi Di Siena	Italia	Partner
76. Sorbonne Universite	Francia	Partner
77. Vrije Universiteit Brussel	Belgio	Partner
78. Women In Ai	Francia	Partner

