



European
Commission

The Human Brain Project

Understanding the human brain is one of the greatest challenges facing 21st century science.

The goal of the Human Brain Project, part of the FET Flagship Project, is to use IT as a catalyst for a global collaborative effort to better understand the human brain and its diseases. HBP will also deliver revolutionary computing technologies mimicking the brain with its power, fault-tolerance and consumption efficiency.

The Human Brain Project is a ten year effort starting with a ramp-up phase of 36 months, covered by this Grant Agreement.

The HBP ramp-up will design, develop and deploy the first versions of six IT platforms dedicated to Neuroinformatics, Brain Simulation, High Performance Computing, Medical Informatics, Neuromorphic Computing and Neuro-robotics.

It will also create a user community of research groups from within and outside the HBP using the platforms; set up a European Institute for Theoretical Neuroscience; and complete a set of pilot projects providing a first demonstration of the scientific value of the platforms and the Institute.

HBP will also develop the scientific and technological capabilities required by future versions of the platforms; implement a policy of Responsible Innovation (ethics and society dimensions) and a programme of transdisciplinary education. It will develop a framework for collaboration that links the partners under strong scientific leadership and management, providing a coherent European approach and ensuring effective alignment of regional, national and European research. This cooperation is further supported by an ERA-NET project called FLAG-ERA.



Human Brain Project

<https://www.humanbrainproject.eu/>

Twitter: [@HumanBrainProject](https://twitter.com/HumanBrainProj)
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Project Type	EC Funding	Total Cost	Start date	Duration	Programme acronym	Subprogramme
CP-CSA	54,000,000 €	72,654,851 €	10/2013	36 months	FP7-ICT	ICT-2013.9.9

Coordinator

1 ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE

Country Funding €

CH 12.338.196

Participants

	Country	Funding €
2 AALTO-KORKEAKOULUSAATIO	FI	90.000
3 ATHENS UNIVERSITY OF ECONOMICS AND BUSINESS - RESEARCH CENTER.....	GR	93.750
4 BARCELONA SUPERCOMPUTING CENTER - CENTRO NACIONAL DE SUPERCOMPUTACION	ES	714.492
5 BERGISCHE UNIVERSITAET WUPPERTAL	DE	131.250
6 BLOOMFIELD SCIENCE MUSEUM JERUSALEM (BSMJ)	IL	13.375
7 CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE.....	FR	1.574.205
8 THE CHANCELLOR, MASTERS AND SCHOLARS OF THE UNIVERSITY OF OXFORD	UK	661.250
9 COMMISSARIAT A L ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES.....	FR	1.094.467
10 CONSORZIO INTERUNIVERSITARIO CINECA.....	IT	225.000

11	DE MONTFORT UNIVERSITY	UK	150.000
12	EBERHARD KARLS UNIVERSITAET TUEBINGEN	DE	225.000
13	ECOLE NORMALE SUPERIEURE	FR	187.500
14	ERNST STRUNGSMANN INSTITUTE GGMBH.....	DE	82.500
15	EIDGENOESSISCHE TECHNISCHE HOCHSCHULE ZURICH.....	CH.....	668.750
16	FONDEN TEKNOLOGIRÅDET	DK.....	320.683
17	FORSCHUNGSZENTRUM JUELICH GMBH.....	DE	3.618.200
18	FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V	DE	243.750
19	FUNDAÇÃO D. ANNA SOMMER CHAMPALIMAUD E DR. CARLOS MONTEZ CHAMPALIMAUD	PT.....	225.000
20	GERMAN RESEARCH SCHOOL FOR SIMULATION SCIENCES GMBH	DE	187.500
21	THE HEBREW UNIVERSITY OF JERUSALEM.....	IL	300.600
22	HEINRICH-HEINE-UNIVERSITAET DUESSELDORF	DE	318.708
23	HOSPICES CANTONNAUX CHUV	CH.....	1.970.212
24	HITS GGMBH	DE	187.472
25	INSTITUT DU CERVEAU ET DE LA MOELLE EPINIÈRE.....	FR	45.000
26	INSTITUT NATIONAL DE RECHERCHE EN INFORMATIQUE ET EN AUTOMATIQUE	FR	262.374
27	INSTITUT PASTEUR.....	FR	305.232
28	INSTITUTE OF EXPERIMENTAL MEDICINE - HUNGARIAN ACADEMY OF SCIENCES.....	HU	187.500
29	JOHANN WOLFGANG GOETHE UNIVERSITAET FRANKFURT AM MAIN	DE	131.250
30	KARLSRUHER INSTITUT FUER TECHNOLOGIE	DE	93.750
31	KAROLINSKA INSTITUTET	SE	1.187.316
32	KING'S COLLEGE LONDON.....	UK	356.666
33	KUNGLIGA TEKNISKA HOEGSKOLAN	SE	533.150
34	LABORATORIO EUROPEO DI SPETTROSCOPIE NON LINEARI.....	IT	187.500
35	LINNEUNIVERSITETET	SE	472.000
36	MEDIZINISCHE UNIVERSITAET INNSBRUCK.....	AU	624.966
37	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	GR.....	187.500
38	OKINAWA INSTITUTE OF SCIENCE AND TECHNOLOGY SCHOOL CORPORATION GAKO HOJIN	JP	0
39	POLITECNICO DI TORINO.....	IT	78.750
40	PROVINCIA LOMBARDO VENETA ORDINE OSPEDALIERO DI SAN GIOVANNI DI DIO - FATEBENEFRATELLI	IT	0
41	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA.....	US	0
42	RHEINISCH-WESTFAELISCHE TECHNISCHE HOCHSCHULE AACHEN.....	DE	253.124
43	RIKEN THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH	JP	0
44	ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING MCGILL UNIVERSITY	CA	0
45	RUPRECHT-KARLS-UNIVERSITAET HEIDELBERG	DE	3.390.486
46	SABANCI UNIVERSITY	TR	303.750
47	SAP AG.....	DE	250.000
48	STICHTING CENTRUM VOOR WISKUNDE EN INFORMATICA.....	NL.....	186.777
49	STICHTING KATHOLIEKE UNIVERSITEIT	NL.....	150.000

50	STICHTING VU-VUMC.....	NL.....	131.250
51	TECHNICAL UNIVERSITY OF CRETE.....	GR.....	187.500
52	TECHNISCHE UNIVERSITAET DRESDEN.....	DE.....	628.250
53	TECHNISCHE UNIVERSITAET MUENCHEN.....	DE.....	781.785
	FORTISS (third party).....	DE.....	402.956
54	TECHNISCHE UNIVERSITAET GRAZ.....	AU.....	337.500
55	TEL AVIV UNIVERSITY.....	IL.....	187.500
56	UMEA UNIVERSITET.....	SE.....	45.000
57	UNIVERSIDAD AUTONOMA DE MADRID.....	ES.....	150.000
58	UNIVERSIDAD DE GRANADA.....	ES.....	150.000
59	UNIVERSIDAD POLITECNICA DE MADRID.....	ES.....	1.403.226
60	UNIVERSIDAD REY JUAN CARLOS.....	ES.....	187.500
61	UNIVERSITA DEGLI STUDI DI PAVIA.....	IT.....	187.500
62	UNIVERSITAET BERN.....	CH.....	112.500
63	UNIVERSITAET ZUERICH.....	CH.....	281.250
64	UNIVERSITAT DE BARCELONA.....	ES.....	45.000
65	UNIVERSITAT POMPEU FABRA.....	ES.....	324.276
66	UNIVERSITEIT GENT.....	BE.....	112.500
67	NORGES MILJO-OG BIOVITENSKAPLIGE UNIVERSITET UNIVERSITETET FOR MILJO OG BIOVITENSKAP NO.....		112.500
68	UNIVERSITETET I OSLO.....	NO.....	567.494
69	THE CHANCELLOR, MASTERS AND SCHOLARS OF THE UNIVERSITY OF CAMBRIDGE.....	UK.....	118.000
70	UNIVERSITY COLLEGE LONDON.....	UK.....	719.580
71	THE UNIVERSITY OF EDINBURGH.....	UK.....	1.280.651
72	UNIVERSITY OF HAIFA.....	IL.....	108.750
73	THE UNIVERSITY OF MANCHESTER.....	UK.....	727.729
74	UNIVERSITY OF SOUTHERN CALIFORNIA CORP.....	US.....	0
75	THE UNIVERSITY OF TENNESSEE.....	US.....	0
76	UNIVERSITE BORDEAUX.....	FR.....	111.457
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80	YALE UNIVERSITY.....	US.....	0
81	ACADEMISCH ZIEKENHUIS LEIDEN - LEIDS UNIVERSITAIR MEDISCH CENTRUM.....	NL.....	234.000
82	AGENCIA ESTATAL CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS.....	ES.....	116.250
83	CONSIGLIO NAZIONALE DELLE RICERCHE.....	IT.....	78.722
84	EDEX - EDUCATIONAL EXCELLENCE CORPORATION LIMITED.....	CY.....	106.200
85	EUROPEAN BRAIN RESEARCH INSTITUTE RITA LEVI-MONTALCINI FONDAZIONE*EBRI.....	IT.....	240.831
86	HELSINGIN YLIOPISTO.....	FI.....	124.980
87	INSTITUT JOZEF STEFAN.....	SI.....	234.150
88	INSTITUTE OF SCIENCE AND TECHNOLOGY AUSTRIA.....	AT.....	233.508
89	KATHOLIEKE UNIVERSITEIT LEUVEN.....	BE.....	117.186

90	KONINKLIJKE NEDERLANDSE AKADEMIE VAN WETENSCHAPPEN - KNAW.....	NL.....	117.186
91	MIDDLESEX UNIVERSITY HIGHER EDUCATION CORPORATION	UK	116.160
92	SCUOLA NORMALE SUPERIORE DI PISA	IT	147.213
93	SCUOLA SUPERIORE DI STUDI UNIVERSITARI E DI PERFEZIONAMENTO SANT'ANNA.....	IT	460.608
94	STIFTUNG FZI FORSCHUNGSZENTRUM INFORMATIK AM KARLSRUHER INSTITUT FUR TECHNOLOGIE .DE		1.871.964
95	SWISS INSTITUTE OF BIOINFORMATICS.....	CH.....	353.890
96	SYNAPTOLOGICS BV	NL.....	312.372
97	SYNOME LTD.....	UK	624.006
98	THE FOUNDATION FOR MEDICAL RESEARCH INFRASTRUCTURAL DEVELOPMENT AND HEALTH SERVICES NEXT TO THE MEDICAL CENTER TEL AVIV	IL	150.000
99	TTY-SAATIO.....	FI.....	189.430
100	UNIVERSIDAD DE CASTILLA - LA MANCHA	ES	234.000
101	UNIVERSITAET BASEL	CH.....	101.014
102	UNIVERSITAET BIELEFELD	DE	116.250
103	UNIVERSITAETSKLINIKUM HAMBURG-EPPENDORF	DE	99.680
104	UNIVERSITE D'AIX MARSEILLE	FR	125.000
105	UNIVERSITE JOSEPH FOURIER GRENOBLE 1.....	FR	121.401
106	UNIVERSITE LYON 1 CLAUDE BERNARD	FR	260.376
	INSERM (third party)	FR	84.346
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108	UNIVERSITEIT MAASTRICHT.....	NL.....	377.693
109	UNIVERSITEIT VAN AMSTERDAM.....	NL.....	150.307
110	UNIVERSITY OF LEEDS.....	UK	174.888
111	UNIVERSITY OF SURREY	UK	192.173
112	UNIVERSITY OF SUSSEX.....	UK	113.276
113	LES HOPITAUX UNIVERSITAIRES DE GENEVE.....	CH.....	222.916