

Submitted Input - European Strategy for Particle Physics - 2026 update

ID	Title	Update (May 2025)	Nat. input update
273	2026 EPPSU input from the ANUBIS Collaboration		
255	A Flexible Strategy for the Future of Particle physics		
133	A High-Precision, Fast, Robust, and Cost-Effective Muon Detector Concept for the FCC-ee		
140	A Linear Collider Vision for the Future of Particle Physics		
165	A Possible Future Use of the LHC Tunnel		
215	A roadmap for astroparticle theory in Europe		
77	A Silicon-Tungsten ECAL for Higgs Factory Detectors		
271	A Spin-Based Pathway to Testing the Quantum Nature of Gravity		
142	A Straw Tracker for an FCC-ee experiment		
88	A Survey of the Latin American High Energy Physics community on the future flagship project at CERN for the ESPP Update		
65	Accelerator R&D proposals by INFN		
168	Addressing Scientific Computing for HEP needs beyond Experimental Particle Physics		
220	Advanced Accelerator and HEP Developments through Networking between the Large Particle Physics Laboratories and CERN		
216	Advancing Global Collaboration through the Electron-Ion Collider (EIC)		
167	AI-RDs: A EuCAIF proposal to structure AI research in Particle Physics		
197	AMoRE Experiment		
187	ATLAS Software and Computing for the Future		
279	Australian community submission to the 2025 European Strategy for Particle Physics: Collider recommendation	New	X
203	Austrian input to the European Strategy of Particle Physics Update 2026	X	X
172	AWAKE - Input to the European Strategy for Particle Physics Update on behalf of the AWAKE Collaboration		
160	Beam monitoring through beamstrahlung		
194	Brazilian input to the European Strategy for Particle Physics Update		X
280	Bulgarian national input to the European Strategy for Particle Physics	New	X
161	Call for a new approach to detector developments involving microelectronics		
248	Canadian submission to the ESPP	X	
71	CERN AD/ELENA Antimatter Program		
18	CERN openlab: A Flagship Model for Industry-Science Computing R&D		
186	CERN-MEDICIS: A unique facility for the production of innovative biomedical research radionuclides		
74	Charged Lepton Flavour Violations searches with muons: present and future		
39	Clarifications for the Israeli Input for ESG		
107	CMS Offline Software and Computing input to the European Strategy for Particle Physics - 2026 update		
199	CODEX-b: Opening New Windows to the Long-Lived Particle Frontier at the LHC		
264	Coherent Neutrino-Nucleus Scattering Experiment (CONNIE)		
218	COMET – An Experiment to Search for Muon-to-Electron Conversion in Nuclear Field at J-PARC		
144	Communicating for the future of particle physics		
158	Community input to the European Strategy on particle physics: Searches for Permanent Electric Dipole Moments		
224	Community Support for Physics with high-luminosity proton-nucleus collisions at the LHC		
33	Computer Algebra for Precision Calculations in Particle Physics: the FORM project		
127	Computing and software for LHCb Upgrade II		
7	Conclusions of the Town Meeting: Heavy Ion and QGP Physics at CERN		
267	Constraining the real scalar singlet extension of the SM		
4	Contribution about Neutrino Physics to the European Strategy for Particle Physics		
159	Contribution of ALEGRO to the Update of the European Strategy on Particle Physics		
182	CONUS100: Precision neutrino physics with coherent elastic scattering of reactor neutrinos		
252	Cosmic Microwave Background (CMB) as a window to particle physics		
25	Countering the biodiversity loss using particle physics research sites		
106	Country input - Serbia		X
59	Croatian national input to European Strategy for Particle Physics 2026 update		
35	Cusp Spectroscopy, Hyperon-Nucleon Scattering, and Femtoscopy: Pioneering Tools for Next-Generation Hadron Interaction Studies		
274	Dark Matter Complementarity: from the Snowmass process to the EPPSU		
268	Dark Matter Searches with Low-Radioactivity Argon		
138	Data Preservation in High Energy Physics		
98	Design Initiative for a 10 TeV pCM Wakefield Collider		
72	DESY's role in Europe: A Contribution to the European Particle Physics Strategy Update Process		
229	Development of Gaseous Detector Technologies: CERN-DRD1 Collaboration Model		
81	Discovery potential of LHCb Upgrade II		
108	DRD 6 Calorimetry - Input to European Strategy of Particle Physics Update (ESPPU)		
121	DUNE Software and Computing Research and Development		
42	Early Career Researcher Input to the European Strategy for Particle Physics Update — Fifty-five recommendations for the future of our field		
198	Einstein Telescope - The future European Gravitational Wave Observatory		
66	Empowering particle physics beyond discoveries: a unified European communication strategy for the next generation research infrastructures		
17	Enabling future detector technology within ePIC at the EIC		
112	Enhancing European Cooperation in the Search for Dark Matter		
234	Enhancing New Physics Searches with a Future Beam Dump Configuration at SBND		
79	Ensuring continued operation of INSPIRE as a cornerstone of the HEP information infrastructure		
259	Equity, Diversity and Inclusion: Strategic Elements of the European Particle Physics Programme	X	

Submitted Input - European Strategy for Particle Physics - 2026 update

ID	Title	Update (May 2025)	Nat. input update
193	ESPP - 2026 update: input from the Romanian experimental particle physics community		X
254	ESPP Contribution - Gravitational Field of Proton Bunches		
206	ESPPU contribution of Finland-2025		X
97	ESPPU INPUT: C3 within the "Linear Collider Vision"		
151	ESSnuSB (European Spallation Source neutrino Super Beam)		
195	Estonian national input to the ESPP		
185	EuCAIF Recommendations for Scaling AI Capabilities in Particle Physics		
120	European Contributions to Fermilab Accelerator Upgrades and Facilities for the DUNE Experiment		
10	European Strategy for Particle Physics 2024-26 Israeli Input		X
131	European Strategy for Particle Physics 2026: the NA60+/DICE experiment at the SPS		
30	European training in instrumentation and particle accelerators		
236	Expanding the neutrino facility at the South Pole: IceCube-Upgrade and IceCube-Gen2		
155	Experimental Study of Rare Kaon Decays at J-PARC with KOTO and KOTO II		
27	Exploring the Dark Universe: A European Strategy for Axions and other WISPs Discovery		
211	Expression of Interest for the ALLEGRO Full-Detector Concept for FCC-ee		
262	Expression of Interest Toward MCMOS Time of Flight Tracking Layers for a detector at FCC-ee		
95	Expressions of Interest for the Development of Detector Concepts and Sub-detector Systems for the Future Circular Collider FCC		
233	FCC Integrated Programme Stage 1: The FCC-ee	X	
247	FCC Integrated Programme Stage 2: The FCC-hh	X	
209	FCC: QCD physics		
11	Fermilab Interest in a Higgs Factory at CERN		
15	French HEP community input to ESPP + comments from CEA and CNRS		
70	Frontier sensor R&D for the ALICE 3 apparatus		
281	Future Colliders Comparative Evaluation - Working Group Report	New	
20	Future of CERN		
69	Future Opportunities with Lepton-Hadron Collisions		
75	Future perspectives for mu to e gamma searches		
54	Grenoble Axion Haloscopes: From BabyGRAHal to GRAHal for axion dark matter search in the 1-150 micro-eV mass range		
57	HALHF: a hybrid, asymmetric, linear Higgs factory using plasma- and RF-based acceleration		
82	Heavy ion physics with LHCb Upgrade II		
26	HFLAV input to the 2026 update of the European Strategy for Particle Physics		
85	Higgs Criticality and the Metastability Bound: a target for future colliders		
243	High Field Magnet Programme – European Strategy Input		
49	High Performance and Cost Effective Superconducting Accelerator Magnet R&D at IHEP		
170	Highlights of the HL-LHC physics projections by ATLAS and CMS		
181	HOLMES+ Project		
104	HTS Potential and Needs for Future Accelerator Magnets		
226	ICARUS contribution to the European Strategy Process 2026		
80	INFN - Gran Sasso National Laboratory - Input for the European Particles Physics Strategy		
73	INFN Input on the update of the European Strategy for Particle Physics: Computing		
62	INFN National Committee for Particle Physics (CSN1): Input to the European Strategy for Particle Physics Update		
208	Initial INFN Input on the Update of the European Strategy for Particle Physics		X
277	Initial input from the Danish CERN Community to the European Strategy for Particle Physics update		X
276	Input by the AstroParticle Physics European Consortium		
6	Input for the EUROPEAN STRATEGY FOR PARTICLE PHYSICS UPDATE 2026 compiled by THE ISOLDE COLLABORATION COMMITTEE		
68	Input from the ALICE Collaboration		
173	Input from the Netherlands to ESPP 2026		X
63	Input from the SND@LHC collaboration to the 2026 Update to the European Strategy for Particle Physics		
183	Input of the German Nuclear and Hadron Physics Community to the ESPPU 2026 Regarding the Programs at CERN, at FAIR, and Related Activities		
47	Input of Ukraine to the 3rd Update of the European Strategy for Particle Physics		X
76	Input on the update of the European Strategy for Particle Physics by the INFN Nuclear and Hadron Physics Community		
126	Input to ESPPU by the German Astroparticle Community		
265	Input to European Strategy Update for Particle Physics: Sustainability		
41	Input to the European Strategy for Particle Physics - 2026 update by the Czech particle physics community		X
136	Input to the European Strategy for Particle Physics - 2026 update from the Greek Community		X
253	Input to the European Strategy for Particle Physics - 2026 update: The COHERENT Experiment		
132	Input to the European Strategy for Particle Physics – KATRIN collaboration		
14	Input to the European Strategy for Particle Physics 2024-2026 from the Hungarian high-energy physics community		X
191	Input to the European Strategy for Particle Physics: Strong-Field Quantum Electrodynamics		
123	IUPAP Commission 11 (Particles and Fields) Support Letter on behalf of the High Energy Physics (HEP) Information Infrastructure		
99	Japan's Updated Strategy for High Energy Physics for the ESPP Update 2026		X
124	JENA White Paper on European Federated Computing		
55	Kaon Physics: A Cornerstone for Future Discoveries		
240	Key4hep: A Software Framework for Future Colliders		
249	KM3NeT contribution to the European Strategy for Particle Physics		
13	Laboratori Nazionali di Frascati of INFN		
282	Latvian National input to the European Strategy for Particle Physics		New

Submitted Input - European Strategy for Particle Physics - 2026 update

ID	Title	Update (May 2025)	Nat. input update
270	LEGEND-1000		
269	LEP Data@EDM4HEP: Mitigating Data Loss Risks and Strengthening FCC-ee Potential Studies		
188	LEP3: A High-Luminosity e+e- Higgs & Electroweak Factory in the LHC Tunnel	X	
213	LHCspin: a Polarized Gas Target for LHC		
2	Light Ion Collisions at the LHC		
83	Lithuanian Particle Physics Community Input to the 2026 Update of European Strategy for Particle Physics		X
37	Long-Baseline Atom Interferometry		
122	LVK contribution on Gravitational Waves Physics		
105	Magnet R&D for the Muon Collider		
61	MATHUSLA: An External Long-Lived Particle Detector to Maximize the Discovery Potential of the HL-LHC		
154	Midterm Review of the European Accelerator R&D Roadmap		
149	MINERvA neutrino interaction experiment input to the ESPP		
245	MUonE Contribution to the European Strategy: status of the project		
257	National input from Belgium to the 2026 Update to the European Strategy for Particle Physics		X
110	National input from the Swedish Community to the Update of the European Strategy for Particle Physics		X
176	National input from the United Kingdom to the 2026 Update to the European Strategy for Particle Physics	X	X
192	National Input to the European Strategy for Particle Physics 2026 - Slovenia	X	X
272	Neutrino Astronomy in the Peruvian Andes with TAMBO		
135	Neutrino Scattering: Connections Across Theory and Experiment		
38	Neutrino Theory in the Precision Era		
200	Neutrinos from Stored Muons (nuSTORM)		
139	Neutrinos@CERN: A Community-Driven Contribution to the Update of the European Strategy for Particle Physics		
177	Norwegian Input to the European Strategy for Particle Physics		X
266	Novel 3D-Projection Pixelated Detector for Next-Generation High-Energy Physics Experiments		
103	Nuclear Physics and the European Particle Physics Strategy Update 2026		
169	Pakistan Input to the European Strategy for Particle Physics 2026		
48	Particle Data Group Input to European Strategy for Particle Physics Update		
190	Particle Physics at the European Spallation Source	X	
32	Performance study of the MUSIC detector in sqrt(s)=10 TeV muon collisions		
56	PERLE : an ERL facility for future sustainable colliders (LHeC, FCC)		
174	Phase-One LHeC		
251	Physics opportunities with high-brightness, high-intensity muon beams at CERN: a staged approach		
239	Physics Prospects for a near-term Proton-Proton Collider		
115	PIONEER: a next generation rare pion decay experiment		
16	Polish national input to the 2026 update of the European Strategy for Particle Physics		X
53	P-ONE: The Pacific Ocean Neutrino Experiment A Next-Generation Deep-Sea Neutrino Detector for Fundamental Physics		
45	Portuguese HEP community input to the update of the European Strategy for Particle Physics		X
89	Precision cross-sections for advancing cosmic-ray physics		
100	Probing and Knocking with Muons		
223	Projections for Key Measurements in Heavy Flavour Physics		
44	Proposal for a shared transverse LLP detector for FCC-ee and FCC-hh and a forward LLP detector for FCC-hh		
171	Proposal from the NA61/SHINE Collaboration for the update of the European Strategy for Particle Physics		
5	Prospective report of the French QCD community to the ESPPU 2025 with respect to the program of the LHC Run 5 and beyond and future colliders at CERN		
23	Prospects and Opportunities with an upgraded FASER Neutrino Detector during the HL-LHC era: Input to the EPPSU		
227	Prospects for physics at FCC-hh		
242	Prospects in BSM physics at FCC		
217	Prospects in Electroweak, Higgs and Top physics at FCC		
196	Prospects in flavour physics at the FCC		
210	Proton-Driven Plasma Wakefield Acceleration for Future HEP Colliders	X	
134	PSI European Strategy Input		
113	Quantum Information meets High-Energy Physics: Input to the update of the European Strategy for Particle Physics		
260	Quantum Sensing for Dark Matter and Gravitational Waves		
228	Quantum Technologies in High Energy Physics. The CERN Quantum Technology Initiative input to the European Strategy for Particle Physics		
204	R&D on quantum sensors for particle physics: the DRD5 collaboration		
43	REDTOP: Rare Eta Decays TO Explore New Physics		
150	Reinterpretation and preservation of data and analyses in HEP		
219	RF developments for future colliders		
250	Rich dark sectors		
101	SBN@CERN: A short-baseline neutrino beam at CERN for high-precision cross-section measurements		
164	Science of the LISA mission: A Summary for the European Strategy for Particle Physics		
163	Science4Peace: A Plea for Continued Peaceful International Scientific Cooperation		
46	Search for feebly interacting particles with the Lohengrin experiment at the ELSA accelerator		
21	Search for the electric dipole moment of the neutron with the n2EDM experiment		
50	Searching for Light Dark Matter and Dark Sectors with the NA64 experiment at the CERN SPS		
109	Searching for millicharged particles with the FORMOSA experiment at the CERN LHC		
184	Sensitivity study on H to bbar b, H to W W* and HH to bbar b bbar b cross sections and trilinear Higgs self-coupling with the MUSIC detector in sqrt(s)=10 TeV muon collisions		
145	SHiP experiment at the SPS Beam Dump Facility		

Submitted Input - European Strategy for Particle Physics - 2026 update

ID	Title	Update (May 2025)	Nat. input update
130	Simplified Models Expose the Interplay of Direct and Indirect Searches		
31	Slovak Particle Physics Community Input to Update of the European Strategy for Particle Physics		X
34	Some thoughts on the future of particle physics.		
58	Spanish astroparticle community input to the European Strategy Group		
147	Spanish national input to the European Strategy for Particle Physics		X
180	SPECTRUM Project: Input to the European Particle Physics Strategy Update 2026		
22	Statement by the German Particle Physics Community as Input to the Update of the European Strategy for Particle Physics		X
201	Statement of the Pierre Auger Collaboration as input for the 2026 European Particle Physics Strategy		
275	Status of the International Linear Collider	X	
90	Strategic Imperative: Investing in Accelerator R&D and Technologies for the Future of Particle Physics and Societal Impact – Comments in the framework of the European Strategy for Particle Physics (ESPP) update by the German Committee of Accelerator Physics (KfB)		
12	Strategy for HPC Integration in WLCG/HEP		
29	Strategy for the Future of Lattice QCD		
93	Strengthening the Instrumentation Programme		
235	Summary Report of the Physics Beyond Colliders Study at CERN		
231	Super Tau Charm Facility		
256	Superconductivity Global Alliance (ScGA) European Strategy Input		
162	Sustainability Assessment of Future Accelerators		
64	Swiss inputs to the 2026 update of the European Strategy for Particle Physics (ESPP)	X	X
114	Synergies between a U.S.-based Electron-Ion Collider and European Research in Particle Physics		
116	T2K Experiment: future plans and capabilities		
148	Technology developments for LHCb Upgrade II		
52	The Astro-particle Physics Commission 2		
189	The ATLAS Upgrade for the HL-LHC		
205	The Belle II Experiment at SuperKEKB		
84	The CERN Festival Programme		
129	The CERN n. TOF neutron-time-of-flight facility: present and future		
153	The Circular Electron Positron Collider (CEPC)		
78	The Compact Linear e+e- Collider (CLIC)	X	
67	The Critical Importance of Software for HEP		
60	The Critical Role of Particle Physics Education and Outreach		
221	The DArk Messenger Searches at an Accelerator Experiment, A Case of a Table-Top Scale Experiment at a Beam Dump		
119	The DUNE Phase II Detectors		
118	The DUNE Science Program		
141	The ECFA Higgs/Electroweak/Top Factory Study		
237	The Elastic Analysis Facility's (EAF's) Contribution to the Future of Analysis at Multi-Experiment Institutions and Future Colliders		
258	The Electron Capture in Ho-163 experiment – ECHo		
241	The FCC integrated programme: a physics manifesto		
19	The Forward Physics Facility at the Large Hadron Collider		
179	The HIBEAM/NNBAR program		
238	The Hyper-Kamiokande experiment: input to the update of the European Strategy for Particle Physics		
102	The ILD Detector: A Versatile Detector for an Electron-Positron Collider at Energies up to 1~TeV		
244	The Importance of Test Beams for Particle Physics worldwide		
117	The INFN National Scientific Committee for Theoretical Physics		
146	The International Axion Observatory (IAXO): case, status and plans.		
36	The JUNO Experiment		
214	The Large Hadron electron Collider (LHeC) as a bridge project for CERN		
40	The Linear Collider Facility (LCF) at CERN	X	
92	The LUXE Experiment		
207	The Muon Collider	X	
87	The NEXT Search for Neutrinoless Double Beta Decay in Xe-136		
225	The Project 8 Neutrino Mass Experiment		
28	The PTOLEMY project		
111	The Role of Particle Physics in Revolutionising Imaging Technologies: From Quantum Entanglement to Clinical Applications		
232	The Short-Baseline Near Detector at Fermilab		
94	The SiD Detector concept Input to the European Strategy Process Update 2026		
125	The SNO+ Science Programme: Input to the European Strategy for Particle Physics - 2026 Update		
9	The Worldwide LHC Computing Grid input to the ESPP24-26		
263	Theia: technology and summary of physics program		
222	To build or not to build: FCC		
283	Türkiye's Final National Input to European Strategy for Particle Physics Update 2026		New
157	Towards instrumentation for future HEP experiments		
246	U.S. interest in high-energy nuclear physics at the LHC		
202	U.S.Higgs Factory Consortium input to ESG on CERN's future collider options.		
51	Ultra-relativistic Heavy-Ion Collisions: Inputs of the Italian community for the ESPP 2026		
91	United States Early Career Researchers in Collider Physics input to the European Strategy for Particle Physics Update		
152	United States Muon Collider Community White Paper for the European Strategy for Particle Physics Update	X	

Submitted Input - European Strategy for Particle Physics - 2026 update

ID	Title	Update (May 2025)	Nat. input update
230	US National Input to the European Strategy Update for Particle Physics		X
175	XLZD: The low-background observatory for astroparticle physics		