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ORGANISATION EUROPÉENNE POUR LA RECHERCHE NUCLÉAIRE
CERN EUROPEAN ORGANIZATION FOR NUCLEAR RESEARCH

COUNCIL
Hundredth Session
Geneva - 16 December 1994

RESOLUTION
APPROVAL OF
THE LARGE HADRON COLLIDER (LHC) PROJECT

94/136/5/e

RESOLUTION
APPROVAL OF
THE LARGE HADRON COLLIDER (LHC) PROJECT

COUNCIL,

HAVING REGARD TO

the Resolution (CERN/1904) it adopted at its 93rd Session on 20 December 1991 stating that the LHC is the right machine for the advance of the subject and for the future of CERN;

CONSIDERING

the proposal to construct a Large Hadron Collider with a centre of mass energy of 14TeV in the LEP tunnel (CERN/SPC/679-CERN/CC/2016; CERN/SPC/677-CERN/CC/2014; CERN/SPC/677/Add.-CERN/CC/2014/Add.; CERN/CC/2030; CERN/2039; CERN/SPC/695-CERN/CC/2072, including the budget scenario in Table 2);

the Resolution it adopted at its 99th Session on 15 April 1994, which again endorsed the scientific case for the LHC, supported the promotion of the LHC as the central element of the long-term programme of CERN, expressed a wish that the LHC be implemented as part of the basic programme of the Laboratory, and endorsed the proposed comprehensive review of the progress of the project, to be carried out at an appropriate moment and in any case before the end of 1997 in order to define more precisely the timetable for execution of the project in the light of the foreseen funding;

Articles II, III and V of the CERN Convention;

the Council decision of 21 December 1978 by which the programmes of activities of the Basic Programme were redefined so as to form a single programme of activities (CERN/1323);

the Council Resolution (CERN/1411 (a)) dated 25 June 1981 by which the Council approved the LEP Project as part of the Basic Programme of the Organisation as defined in the document entitled *"Scientific Activities and Budget Estimates 1982-1985"* (CERN/SPC/471 - CERN/FC/2443), so that the Basic Programme presently comprises *"The Proton Synchrotron (PS), the Super Proton Synchrotron (SPS), and the Large Electron Positron Collider (LEP)"*;

CONSIDERING ALSO

document CERN/SPC/696-CC/2071 and the conclusions reached by the Committee of Council on 15 December 1994;

DECIDES

a) to include the Large Hadron Collider (LHC) project in the Basic Programme of the Organisation, which will then consist of the Proton Synchrotron (PS), the Super Proton Synchrotron (SPS), the Large Electron Positron Collider (LEP), and the Large Hadron Collider (LHC);

b) that on the basis of current planning and expected income, the Large Hadron Collider (LHC) will be constructed in two phases;

c) to approve the Basic Programme as thus modified;

d) to approve the annexed Statement concerning the Funding and Approval of the Large Hadron Collider (LHC).

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STATEMENT CONCERNING THE FUNDING AND APPROVAL OF THE LARGE HADRON COLLIDER (LHC)

The CERN Council

1) Declares that the decision to include the LHC in the Basic Programme constitutes full approval to construct a 14TeV collider, although on the basis of current planning and expected income, this would have to be accomplished in two stages.

2) Declares that any non-Member State contributions would be used to speed up and improve the project, not to allow reductions in Member States' contributions.

3) Notes with gratitude the commitments of France and Switzerland to make voluntary contributions to help and accelerate the LHC project.

4) Declares that the overall Cost Variation Index to be applied to the Member States' contributions should be zero in the period 1995-1997.

5) Decides that planning should proceed on the basis of the assumption that inflation will be 2% and that Member State contributions will be indexed by 1% from 1998 onwards.

6) Agrees that the comprehensive review of the progress of the LHC project, to be carried out before the end of 1997, will examine the question whether the LHC should be constructed in one stage instead of two.

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