

ORGANISATION EUROPEENNE POUR LA RECHERCHE NUCLÉAIRE  
**CERN** EUROPEAN ORGANIZATION FOR NUCLEAR RESEARCH

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*Action to be taken*

*Voting Procedure*

For Recommendation	<b>SCIENTIFIC POLICY COMMITTEE</b> 270 <sup>th</sup> Meeting <b>14 &amp; 15 March 2011</b>	
For Approval	<b>COUNCIL EUROPEAN STRATEGY SESSION</b> 11 <sup>th</sup> Session <b>17 March 2011</b>	Simple Majority of the Member States represented and Voting

UPDATE OF THE EUROPEAN STRATEGY FOR PARTICLE PHYSICS 2011-2012

The Scientific Policy Committee is invited to recommend the Council, and the Council is invited i) to approve the remit for the forthcoming European Strategy for Particle Physics Update, comprising the main elements to be taken into account during the process, as set out in section 2 of this document, and ii) to take note of the milestones and timeline set out in section 3 of the document.



## UPDATE OF THE EUROPEAN STRATEGY FOR PARTICLE PHYSICS

### **1. Background**

Council Document [CERN/2732/Rev.](#), approved in September 2007, stipulates with respect to the timescale and organization of the Strategy Update that “*At appropriate intervals, at most every 5 years, the European Strategy Session of Council will re-enact the process aimed at updating the medium and long-term European Strategy for Particle Physics, by setting up a Working Group, the European Strategy Group (ESG), similar to the Strategy Group in 2005/2006. The ESG will be a Working Group of Council which will cease to exist each time Council has adopted the new medium and long-term Strategy. The remit of the ESG will be to establish a proposal for the European Strategy Session of Council to update the medium and long-term European Strategy for Particle Physics.*”

For the purposes of the Strategy Update, the ESG will be assisted by an ad hoc Preparatory Group, as was the case in the run-up to the Zeuthen meeting in 2006.

Set out below is a proposal for the remit for the upcoming Strategy Update, comprising the main elements to be taken into account by the ESG and the associated Preparatory Group during the process.

### **2. Remit for the Update: elements to be taken into account**

As mentioned, the remit of the ESG is to establish a proposal for a Strategy Update, for approval by the Council. It is proposed that the proposal will take the following elements into account:

- The Strategy Update shall in particular aim at:
  - enhancing the visibility of existing European particle physics programmes;
  - increasing collaboration among Europe's particle physics laboratories, institutes and universities;
  - promoting a coordinated European participation in global projects and in regional projects outside Europe;
  - encouraging knowledge transfer to other disciplines, industry, and society.
- The proposal shall include a review of the implementation of the 2006 Strategy, as well as of the structures and procedures currently in place with regard to the Strategy.
- The proposal shall outline priorities following a thematic approach, with special emphasis on future large infrastructures/projects, including preparatory steps for a next project at CERN after LHC in a global context, and consider time scales and resources. It shall also consider possible future participation by CERN in experiments outside the Geneva Laboratory as part of the Strategy implementation.
- The proposal shall comprise a series of ordered and concise statements of 1-2 pages each, followed by more detailed presentations that shall not exceed 25 pages.

wished to point out a minor error at the bottom of page 1, which should read: "*The proposal shall comprise a series of ordered and concise statements of 1-2 lines each, or 1-2 pages in total ...*".

### **3. Milestones and timeline**

There will be a special joint EPS-ECFA session at the EPS HEP 2011 conference in Grenoble 23.7.2011.

Another important milestone will be the ICFA seminar at CERN 3-6 October 2011, as it will allow a wide discussion about future priorities in Particle Physics involving all regions. In addition to a wide consultation and open process in Europe it will be important to have structured discussions and information exchanges with global partners starting during the second half of 2011.

For the purposes of the Strategy Update process itself, one or more open meetings (the equivalent of the Orsay meeting in 2006) will be organized to prepare for the concluding meeting of the ESG (the equivalent of the Zeuthen meeting) in 2012. The current timescale for the Strategy Update process aims for conclusions in the latter part of 2012, in a dedicated Session of the Council at the Ministerial level, in Brussels ([Council/2928](#)).

### **4. Conclusion**

The Scientific Policy Committee is invited to recommend the Council, and the Council is invited i) to approve the remit for the forthcoming European Strategy for Particle Physics Update, comprising the main elements to be taken into account during the process, as set out in section 2 of this document, and ii) to take note of the milestones and timeline set out in section 3 of the document.