

Detailed plan for the Strategy update process

Documents: CERN/SPC/1099/Rev., CERN/3340/Rev., dated 27 February 2018

**European Strategy for Particle Physics
Update 2020**

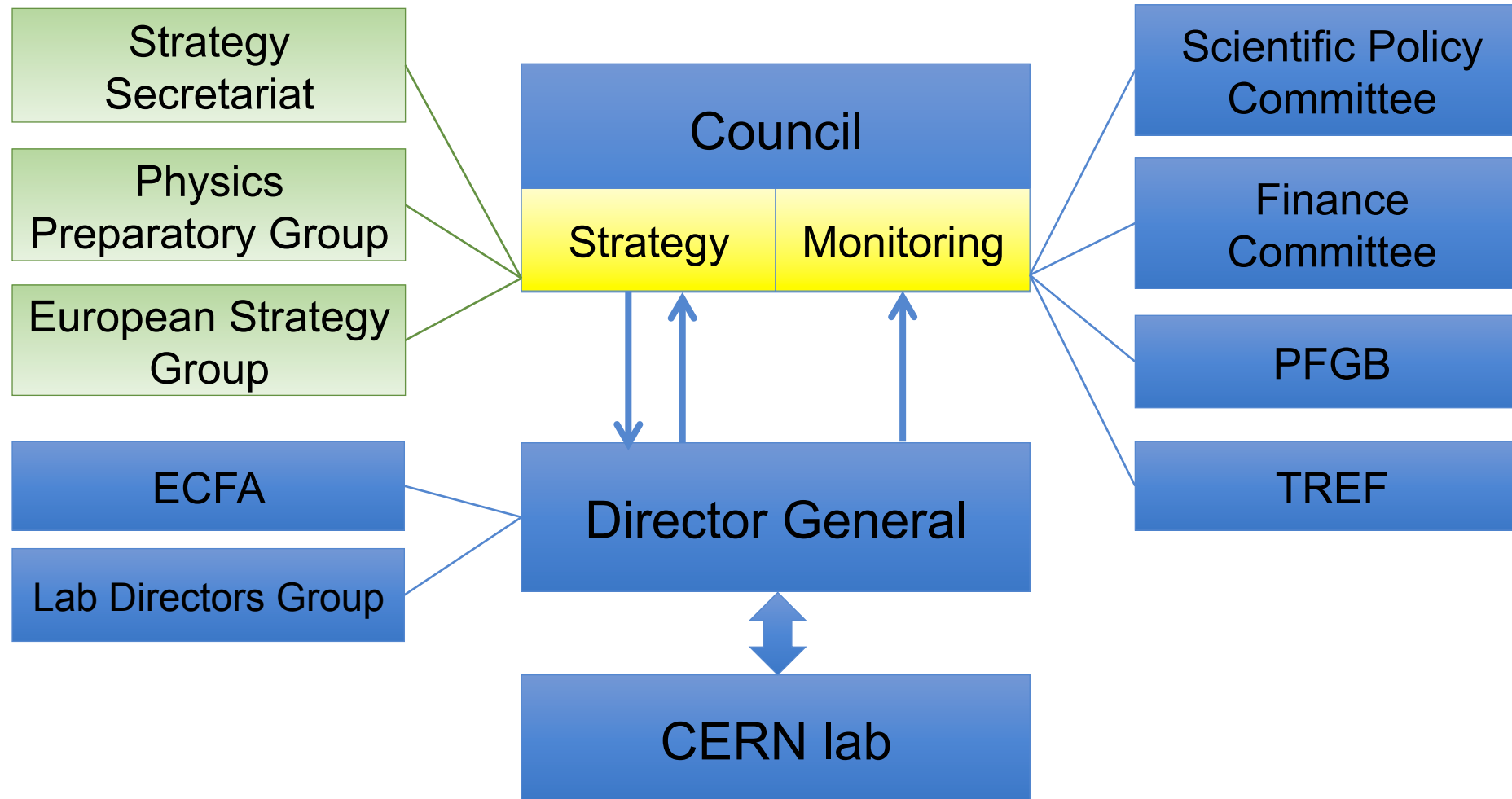
Strategy Secretariat (EPPSU-Strategy-Secretariat@cern.ch)

CERN SPC, March 12th, 2018, CERN

Key objectives set by Council

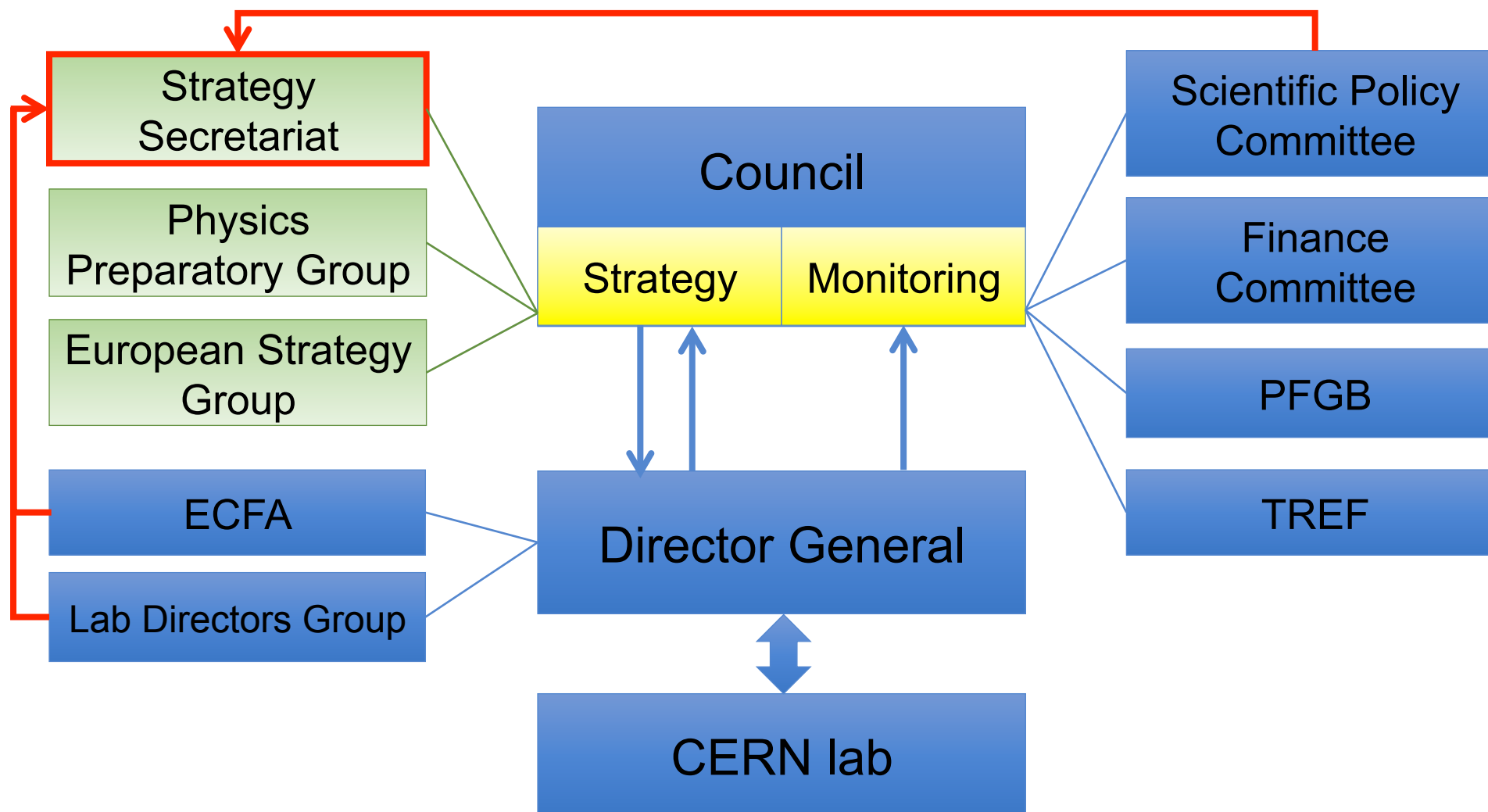
- Deliver by May 2020 an update of the European Strategy for Particle Physics in a global context (decision of Council, December 2016)
- This strategy or vision will thereafter be a roadmap for funding agencies and laboratories to define concrete research programmes.

European Particle Physics organisation & governance



Based on a slide from the President of Council, at the FALC meeting, Cambridge (UK), March 8, 2018³

European Particle Physics organisation & governance



First action of Council was to setup the scientific Strategy Secretariat

Council appointment, September 2017:

- Professor H. Abramowicz (Chairperson)
- Professor K. Ellis (SPC Chairperson)
- Professor J. D'Hondt (ECFA Chairperson)
- Professor L. Rivkin (European LDG Chairperson)
- Contact: EPPSU-Strategy-Secretariat@cern.ch

Responsible for the organisation
of the process.

First action of the Strategy Secretariat was to deliver a concrete timeline

Physics Preparatory Group (PPG) composition, adopted by Council, December 2013:

- The Strategy Secretary (acting as Chairperson),
- four members appointed by the Council on the recommendation of the SPC,
- four members appointed by the Council on the recommendation of ECFA,
- the SPC Chairperson,
- the ECFA Chairperson,
- the Chairperson of the European Laboratory Directors' meeting,
- one representative appointed by CERN,
- **two** representatives from Asia appointed by the respective regional representatives in ICFA,
- **two** representative from the Americas appointed by the respective regional representatives in ICFA.

17 members

Responsible for organising the Open Symposium and delivering a Physics Briefing book to the European Strategy Group (ESG).

European Strategy Group (ESG) composition, adopted by Council, December 2013:

- the Strategy Secretary (acting as Chairperson),
- one representative appointed by each CERN Member State,
- one representative for each of the Laboratories participating in the major European Laboratory Directors' meeting, including its Chairperson,
- the CERN Director-General,
- the SPC Chairperson,
- the ECFA Chairperson.

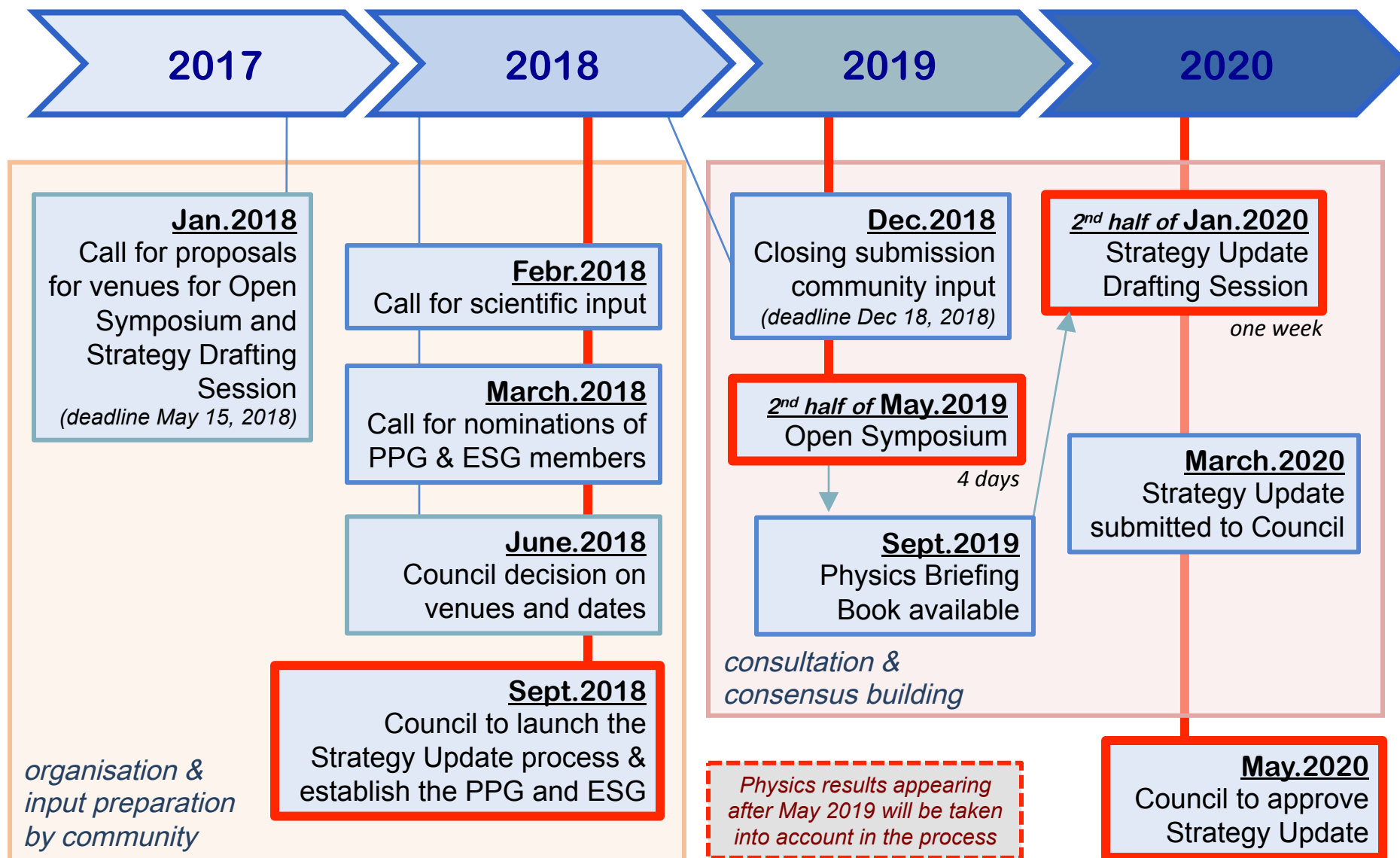
Responsible for delivering a draft
Strategy Update to Council.

Invited:

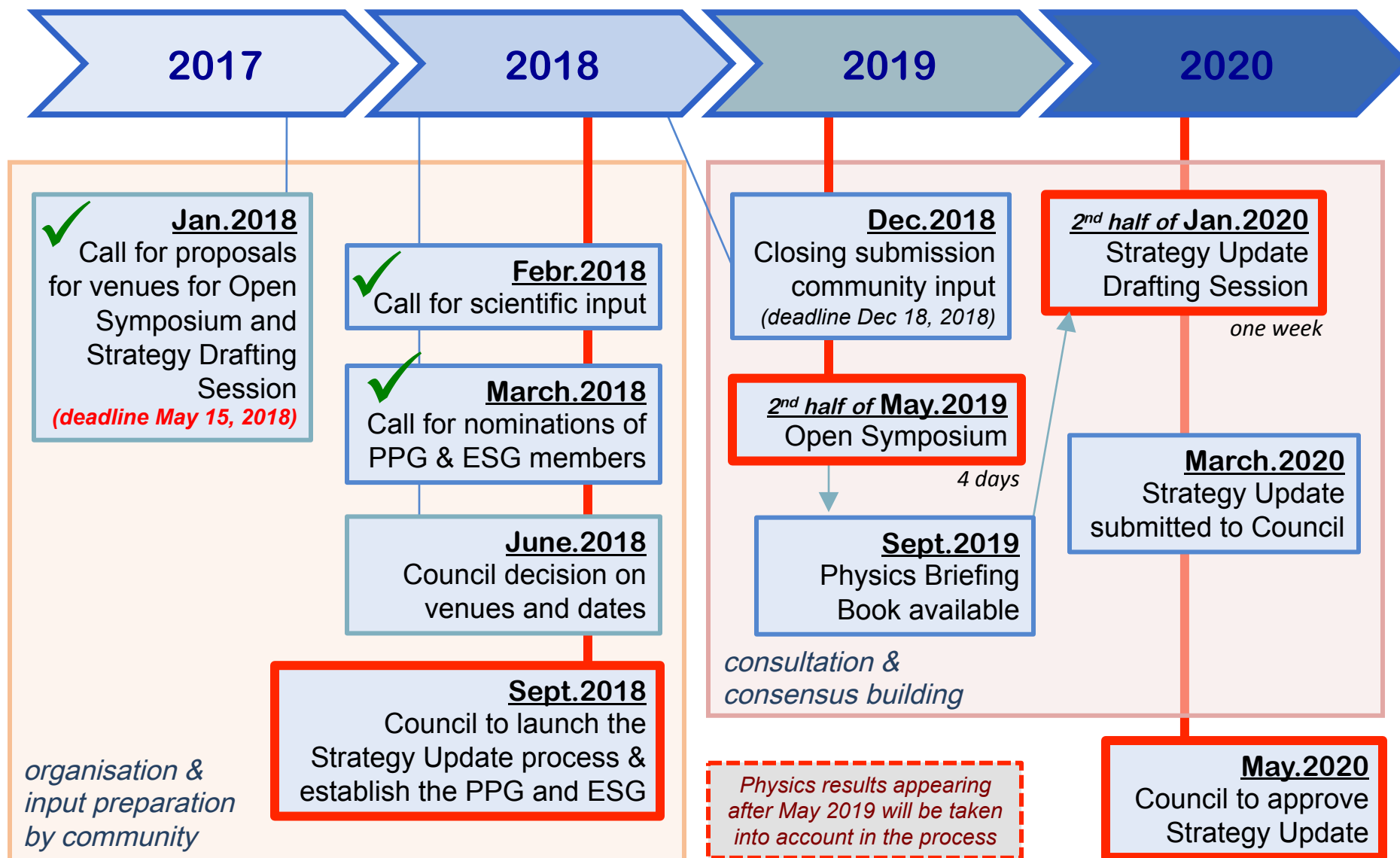
- the President of the CERN Council,
- one representative from each of the Associate Member States,
- one representative from each Observer State,
- one representative from the European Commission,
- the Chairpersons of ApPEC, FALC, ESFRI and NuPECC,
- the members of the Physics Preparatory Group.

~60 people

European Particle Physics Strategy *Update*



European Particle Physics Strategy *Update*



General considerations by the Strategy Secretariat:

- The Strategy Update process follows a bottom-up approach
- To facilitate the bottom-up approach an Open Call for input reaching out to all members of the particle physics community is issued; including research groups, research networks or collaborations, laboratories, universities, (inter)national institutions and/or organisations.
- The aim is to gather all relevant input, e.g. on scientific projects, position papers, national roadmaps, etc.
- The concrete scientific input will be considered by the Physics Preparatory Group (PPG) towards the organisation of the Open Symposium and to deliver the Physics Briefing Book.
- Other inputs will be considered by the European Strategy Group (ESG) to draft the Strategy Update.

Open call to all members of the particle physics community

Extract from the Open call circulated on Febr 28, 2018

The [CERN Council](#) has set itself the objective of updating the European Strategy for Particle Physics by May 2020. To achieve this, it has established a Strategy Secretariat to which it has assigned the task of organising the update process.

The Strategy update process will include two major events: an “Open Symposium” and a “Strategy Drafting Session”.

At the Open Symposium, to be held in the second half of May 2019, the community will be invited to debate the scientific input into the Strategy update, which will take the form of a “Briefing Book”. This will be prepared over the summer of 2019 by a Physics Preparatory Group (PPG) and submitted to the European Strategy Group (ESG) for consideration before and during its Strategy Drafting Session to be held in the second half of January 2020.

To prepare the Open Symposium, the Strategy Secretariat hereby calls upon the particle physics community in universities, laboratories, national institutes and institutions to submit written input following the enclosed guidelines.

The deadline for input is **18 December 2018**.

Input should be submitted via a portal that will be created on the Strategy update website, which will be available from the beginning of October 2018, once the Strategy update has been formally launched by the CERN Council. The link to this website will appear on the CERN Council’s web pages - <https://council.web.cern.ch/en> - and be widely communicated through the appropriate channels.

The Strategy Secretariat
Update of the European Strategy for Particle Physics
EPPSU-Strategy-Secretariat@cern.ch

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- **Pragmatically, general guidelines are provided to facilitate both the collection of the input and its use by the PPG and the ESG; i.e. be brief, comprehensive and self-contained.**

Cover page (1 page)

Each document submitted should carry a single cover page containing no more than the title, the contact person(s) and an abstract.

Comprehensive overview (maximum 10 pages)

This core part of the document must be no more than 10 pages long (excluding the cover page) and must provide a comprehensive and self-contained overview of the proposed input.

Addendum

A separate addendum is to be provided addressing the following topics (where relevant):

- interested community,
- timeline,
- construction and operational costs (if applicable),
- computing requirements.

The mandatory addendum has no strict page limit, but should be comprehensive and self-contained.

Guidelines for submitting input

Cover page (1 page)

Each document submitted should carry a single cover page containing no more than the title, the contact person(s) and an abstract.

Comprehensive overview (maximum 10 pages)

This core part of the document must be no more than 10 pages long (excluding the cover page) and must provide a comprehensive and self-contained overview of the proposed input. It should address:

- scientific context,
- objectives,
- methodology,
- readiness and expected challenges.

For the sub-structure of the 10-pages “comprehensive overview” we provide additional guidance that might be useful especially for scientific projects.

Addendum

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- interested community,
- timeline,
- construction and operational costs (if applicable),
- computing requirements.

The mandatory addendum has no strict page limit, but should be comprehensive and self-contained.

Format and deadline for submission

The cover page and the comprehensive overview are to be submitted as a single file, the “main document”, in portable document format (pdf) by 18 December 2018. The addendum is to be submitted as a separate file by the same deadline. A dedicated submission portal will be available on the EPPSU website as of October 2018, once the Strategy update has been formally launched by the Council at its September 2018 Session. The link to the EPPSU website will appear on the CERN Council’s web pages - <https://council.web.cern.ch/en> - and be widely communicated through the appropriate channels.

Distribution

Both documents submitted (main and addendum) will be passed on to the Physics Preparatory Group (PPG) and the European Strategy Group (ESG). Unless explicitly requested otherwise, they will also be made public. The option not to make either document public will be available upon submission via the dedicated portal.

European Particle Physics Strategy *Update*

