

The logo features a large white stylized 'E' composed of three concentric arcs, set against a blue background with light rays. The text 'European Strategy Update' is written in white, with 'European Strategy' on the top line and 'Update' on the bottom line, centered under the 'E'.

# European Strategy Update

## **Submission of an HFLAV input**

Ulrik, Mirco

All-hands meeting 15.01.2025

# European Strategy Update 2024–2026

- **European Strategy for Particle Physics**, a framework coordinated by CERN Council to set the priorities and future directions for particle physics research in Europe.
- Initiated in 2005. Carried out every 7-8 years, now in its third update started in March 2024.

<https://europeanstrategyupdate.web.cern.ch/welcome>



European Particle Physics Strategy Update 2024 – 2026

HOME ABOUT PROCESS SUBMITTED INPUT ORGANISATION RESOURCES

## Welcome

The European Strategy for Particle Physics is the cornerstone of Europe's strategy-setting process for the long-term future of the field. Mandated by the CERN Council, the Strategy takes into account results from the LHC and other facilities in the world, the international physics landscape and developments in related fields with the aim to maximise scientific returns.

# Main input steps

- The European Strategy Group (ESG) **calls upon the particle-physics community across universities, laboratories and national institutes to provide input to the process** in various forms and at various stages.
  - **Submission of main input from the community by 31 March 2025**
  - An **Open Symposium**, at which the community will be invited to debate scientific input into the Strategy update, will take place on **23-27 June 2025 in Venice**.
- A “**Briefing Book**” based on the input and discussions will be prepared by the [Physics Preparatory Group](#) and submitted to the [European Strategy Group](#) for consideration in late 2025.

# Timeline



We are here!

# HFLAV input

We want to contribute an input, as done for the 2018-2020 Update ([doc](#)) and for 2021 Snowmass process ([doc](#)).

The document (3-4 pages) will express our support for heavy-flavour physics in both mid and far future, with main messages:

- Emphasise the role of flavour for searching for BSM physics and for informing research at the energy-frontier.
- Advocate strong support for the construction and exploitation of LHCb Upgrade II and Belle II upgrades.
- Highlight the importance of integrating flavour physics in the design and planning of experiments at future facilities.

# Plan

- 1.** Collect any input from you by Jan 24th (email us)
- 2.** Circulate a first draft by Feb 14th
  - 2-week reading period (comments by Feb 28th)
- 3.** Second draft by March 14th
  - 1-week reading period (comments by March 21st)
- 4.** Final draft by March 25th
  - 2-day display for final comments
- 5.** Submission on March 28th