

#### Submission of an HFLAV input

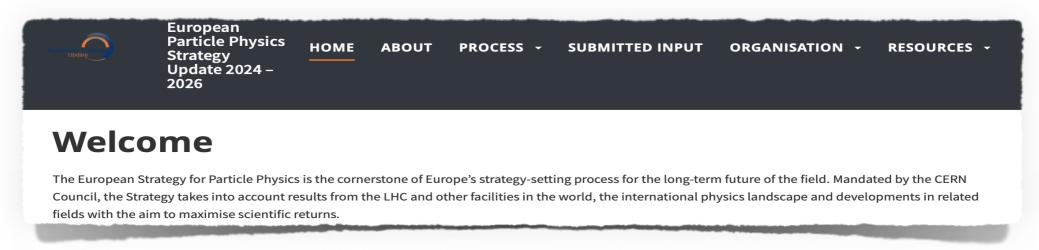
Ulrik, Mirco

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.

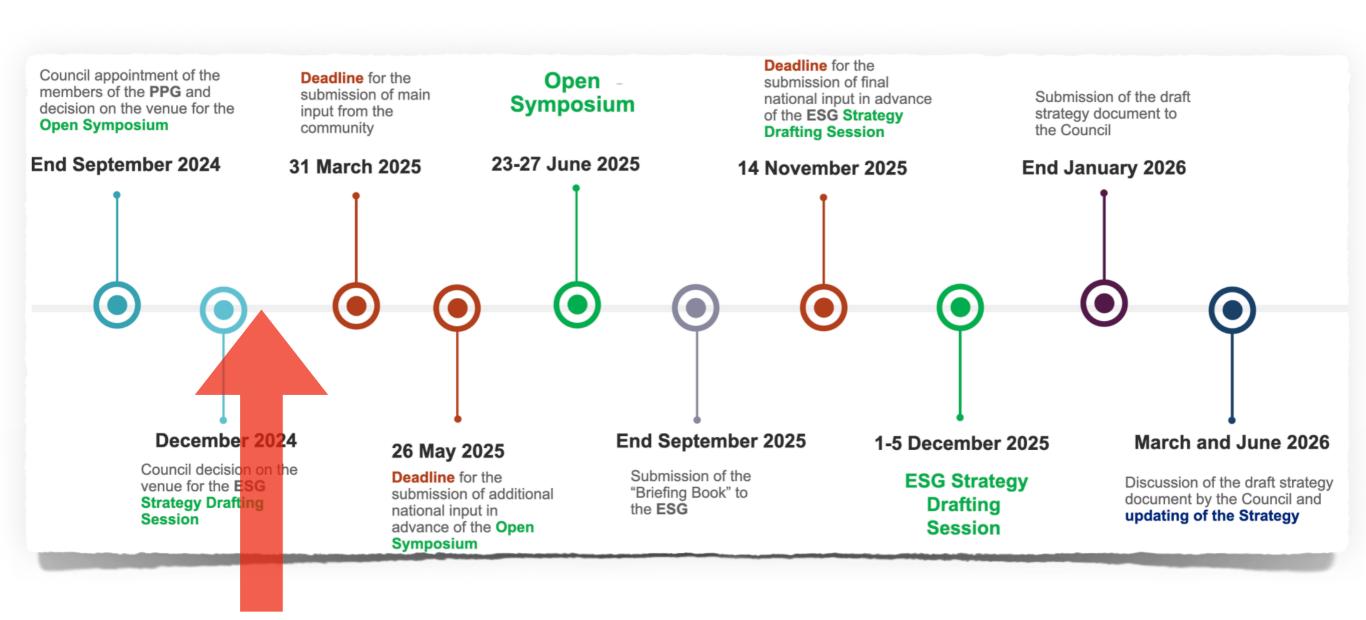
https://europeanstrategyupdate.web.cern.ch/welcome



# Main input steps

- The European Strategy Group (ESG) calls upon the particlephysics 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 <u>Physics Preparatory Group</u> and submitted to the <u>European Strategy Group</u> 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