

# *The process towards a Spanish input to the European strategy update*

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# The Spanish future collider landscape

Historically important contribution to ILC & CLIC.

ILD remains the main detector design effort

Accelerator contributions to ILC & CLIC & FCC

Roles in ECFA Higgs/top/EW studies (Jorge de Blas, Juan Alcaraz, Adrian Irlles, MCF & MV)

Some theorists active on the muon collider (Andre Wulzer in Barcelona)

Contribution to FCC (Juan Alcaraz, Maria Cepeda, Jorge de Blas, Sven Heinemeyer)

LHC community tends to favour FCC or “whatever CERN does”

# The stakeholders

## The end responsible for the input document is CPAN

the national center for particle astro-particle and nuclear physics, <https://www.i-cpan.es>

- Maria José Costa (IFIC Valencia), Carlos Salgado (IGFAE Santiago) and Nicanor Colino (CIEMAT)

National particle physics manager involved ex officio

- Pilar Hernandez (IFIC Valencia)

## CPAN delegates sections onto thematic networks

- Future collider network led by M.C. Fouz and M. Vos

- LHC by Isabel Josa

- instrumentation by Giulio Pellegrini and Ivan Vila

- theory by German Rodrigo

- Astro-particle, nuclear, neutrino networks to produce separate inputs ...



Input to  
collider  
strategy

# The process

## Several meetings in preparation

- Future collider network meeting 1-2 July in Valencia  
(first discussion & composition of editorial team)
- Winter meeting 9-12 September  
(<https://www.benasque.org/2024imfp/>)
- FCC meeting in October  
(requested by CPAN, organized by red LHC)
- National CPAN meeting 19-21 November in Madrid  
(presentation and discussion of first draft)