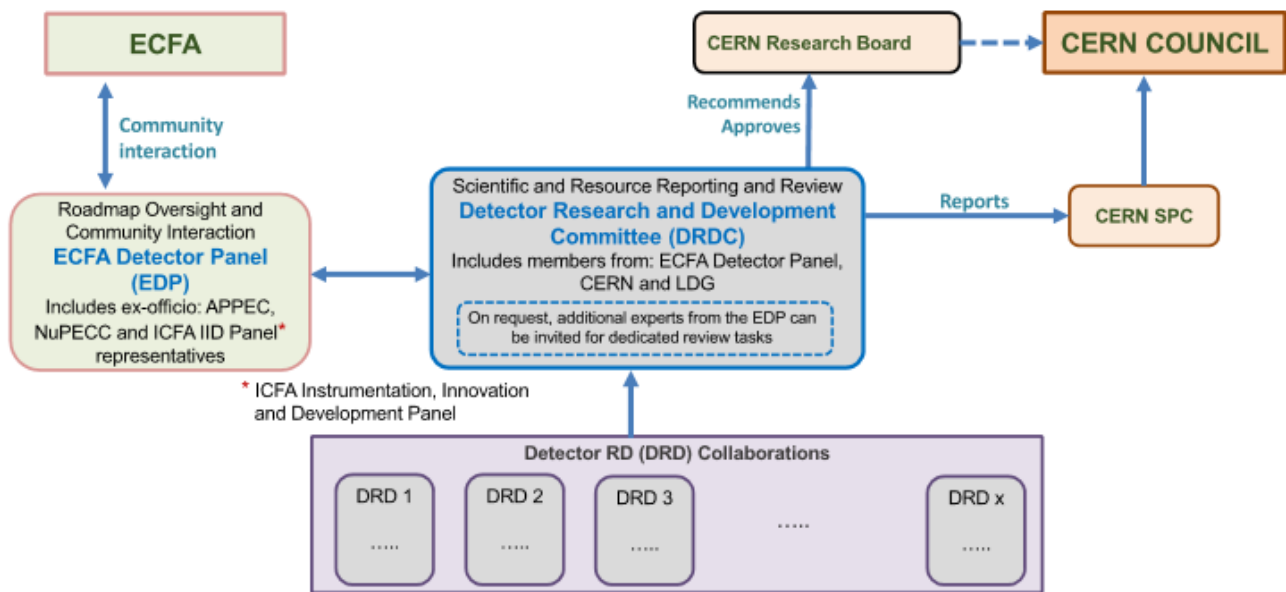


Updated ECFA Detector Panel Mandate

12th November 2022

The two bodies, with the roles listed in CERN/SPC/1190¹, are responsible for the review and oversight of the DRD collaborations to be established following the recommendations of the ECFA Detector R&D Roadmap² with reporting lines indicated in the diagram below. The Detector Research and Development Committee (DRDC) at CERN would ensure rigorous oversight through CERN's well-known and internationally respected peer reviewing processes. The ECFA Detector Panel (EDP), being hosted at DESY, will support the DRDC and (under the auspices of ECFA) both act as custodian of the roadmap and undertake a number of specific, community facing roles.



Organisational structure for reviewing and monitoring implementation of the Detector R&D Roadmap

The EDP is a subcommittee of ECFA. As such, it provides a broad representation of the HEP scientific community in Europe. The EDP also contains representation from the neighbouring fields of nuclear and astroparticle physics, through the presence of observers from APPEC and NuPECC and invites the chair of the ICFA Instrumentation, Innovation and Development Panel to its meetings in order to provide a global detector R&D perspective.

The ECFA Detector Panel

- provides direct input on the review of DRD proposals, through the appointment of members to the DRDC, in terms of the Roadmap's R&D priorities (as encapsulated in the Detector R&D Themes);
- assists, particularly via topic-specific expert members, in the conduct of annual DRDC reviews of the scientific progress of DRD collaborations;
- monitors the overall implementation of the ECFA detector roadmap and the specific DRDTs;

¹ https://indico.cern.ch/event/1197445/contributions/5034860/attachments/2517863/4329123/spc-e-1190-c-e-3679-Implementation_Detector_Roadmap.pdf

² [10.17181/CERN.XDPL.W2EX](https://cds.cern.ch/record/10.17181/CERN.XDPL.W2EX)

- follows up targets and achievements in the light of evolving specifications from experiment concept groups, as well as proto-collaborations for future facilities;
- helps plan for future updates to the Detector R&D Roadmap.

The membership of the EDP reflects the needs to provide expertise in each of the key detector areas identified in the Roadmap: Gaseous Detectors; Liquid Detectors; Solid-State Detectors; Photon Detectors and Particle Identification; Quantum and Emerging Technologies; Calorimetry; Electronics and On-detector Processing; and Integration. The area of Training is being addressed by the dedicated ECFA Training Panel.

The EDP has two Co-chairs who are also permanent members of the DRDC to advise and regularly report on EDP deliberations, as well as a Scientific Secretary.

It is proposed that the terms of the Co-chairs be defined as three years with periods in office to run eighteen months out of phase with each other to provide continuity. The mandate of each Co-chair can be renewed once, for a maximum period of six years.

It is proposed that the positions of Scientific Secretary and Member have terms of three years, renewable once, but also staggered in time to ensure reasonable overlaps of experience when terms come to an end.

Composition of the EDP

- Chair and Co-Chair
- Scientific Secretary
- Typically eight members who provide adequate expert coverage for all the DRD areas
- Representation of APPEC and NuPECC
- Ex officio: ECFA Chair
- ICFA IIDP Chair.