

RD51 – NEWs from RD51- MB

- **Date of next collaboration meetings**

- 14 – 18 June 2021

- In the context of the Conference **MPGD2021**: 14-19 November 2021, Rehovot, Israel

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ECFA process: Detector R&D road-map

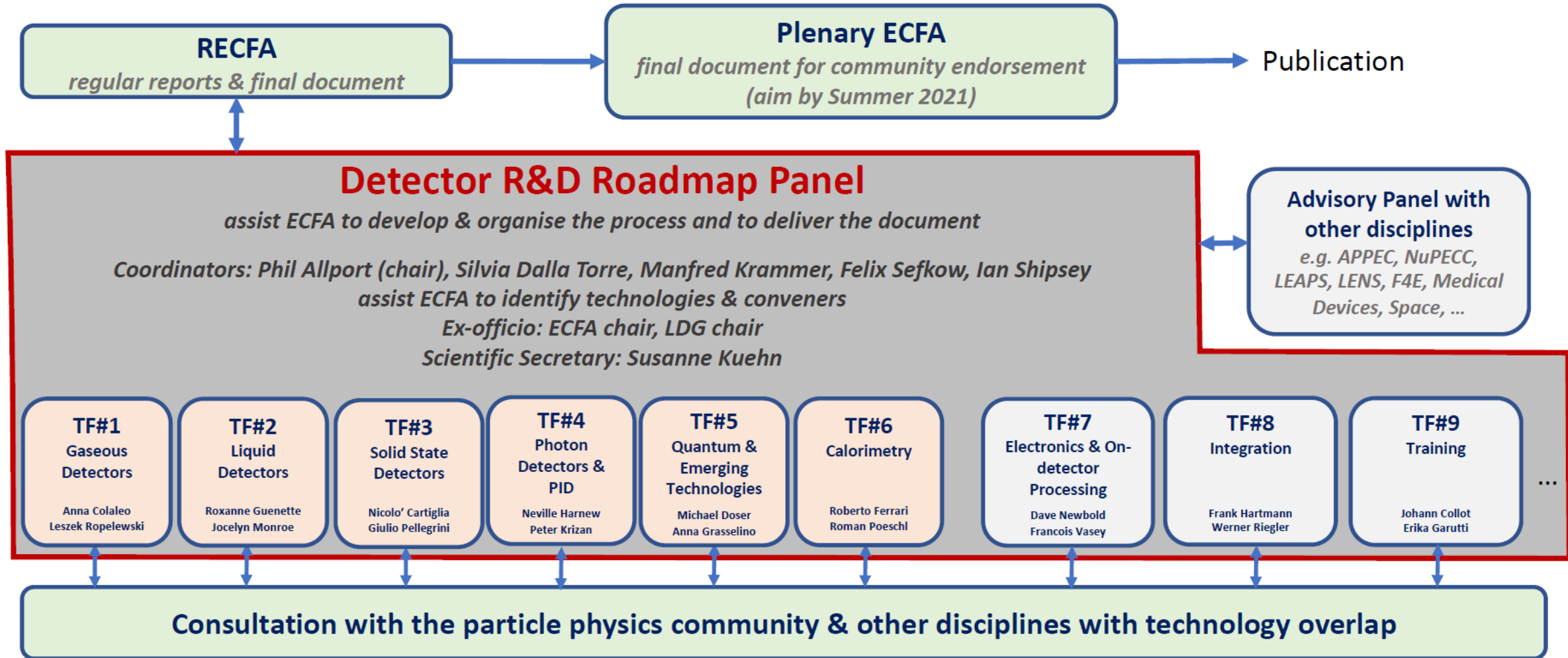
- Included in the decisions at the end of of the EPPSU process

Organize the development of a Detector R&D Roadmap

*“Coordination of R&D activities is critical to maximise the scientific outcomes of these activities and to make the most efficient use of resources; as such, there is a clear need to strengthen existing R&D collaborative structures, and to create new ones, to address future experimental challenges of the field beyond the HL-LHC. **Organised by ECFA, a roadmap should be developed by the community to balance the detector R&D efforts in Europe**, taking into account progress with emerging technologies in adjacent fields. The roadmap should identify and describe a **diversified detector R&D portfolio that has the largest potential to enhance the performance of the particle physics programme in the near and long term**. This community roadmap could, for example, identify the grand challenges that will guide the R&D process on the medium- and long-term timescales, and define technology nodes broad enough to be used as the basis for creating R&D platforms. **This will allow concerted and efficient actions on the international scale addressing the technological challenges of future experiments while fostering an environment that stimulates innovation and collaboration with industry.**”*

Extract from the 2020 Strategy update

Organization to structure the consultation with the community



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ECFA process: Detector R&D road-map

TF1

- Conveners:
 - Anna Colaleo
 - Leszek Ropolewsky
- Members:
 - Klaus Dehmelt
 - Laura Fabietti
 - Barbara Liberti
 - Joao Veloso

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ECFA process: Detector R&D road-map

- Timelines
 - Pannel established in second half 2020
 - TF preparing symposia
 - Symposia in period March-May
 - TF1- GASEOUS DETECTORS on TF1: Thursday 29/4/2021
 - Report drafting : starting in May
 - 30 July 2021: Presentation at Joint ECFA-EPS session
 - Oct 2021: Detector R&D Roadmap Document submission to RECFA

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ECFA process: Detector R&D road-map

- Take-away messages
 - Soon the agenda of the TF1 symposium will become public
 - Let have YOUR input to the invited speakers
 - Attend the symposium and contribute to the discussions

**The roadmap process is meaningful
if it can collect the input from the whole community !**