

# Infos and doubts about DRD inputs

# In the framework of AIDAInnova

- We tried to clarify with Karl Jacobs and Phil Allport the interplay between existing activities, new DRDs and future proposals

Meeting at the end of 2022 involving also M. Vretenar (I-FAST) and F. Zimmermann (FCCIS)

Some progress but still open points

- I also discussed a bit with Didier C. (DRDC) to have better picture

- Which will be the role of proposed DRDs in prioritization of projects?

Interplay with regional strategies, i.e. Funding Agency independence

Coexistence with existing projects

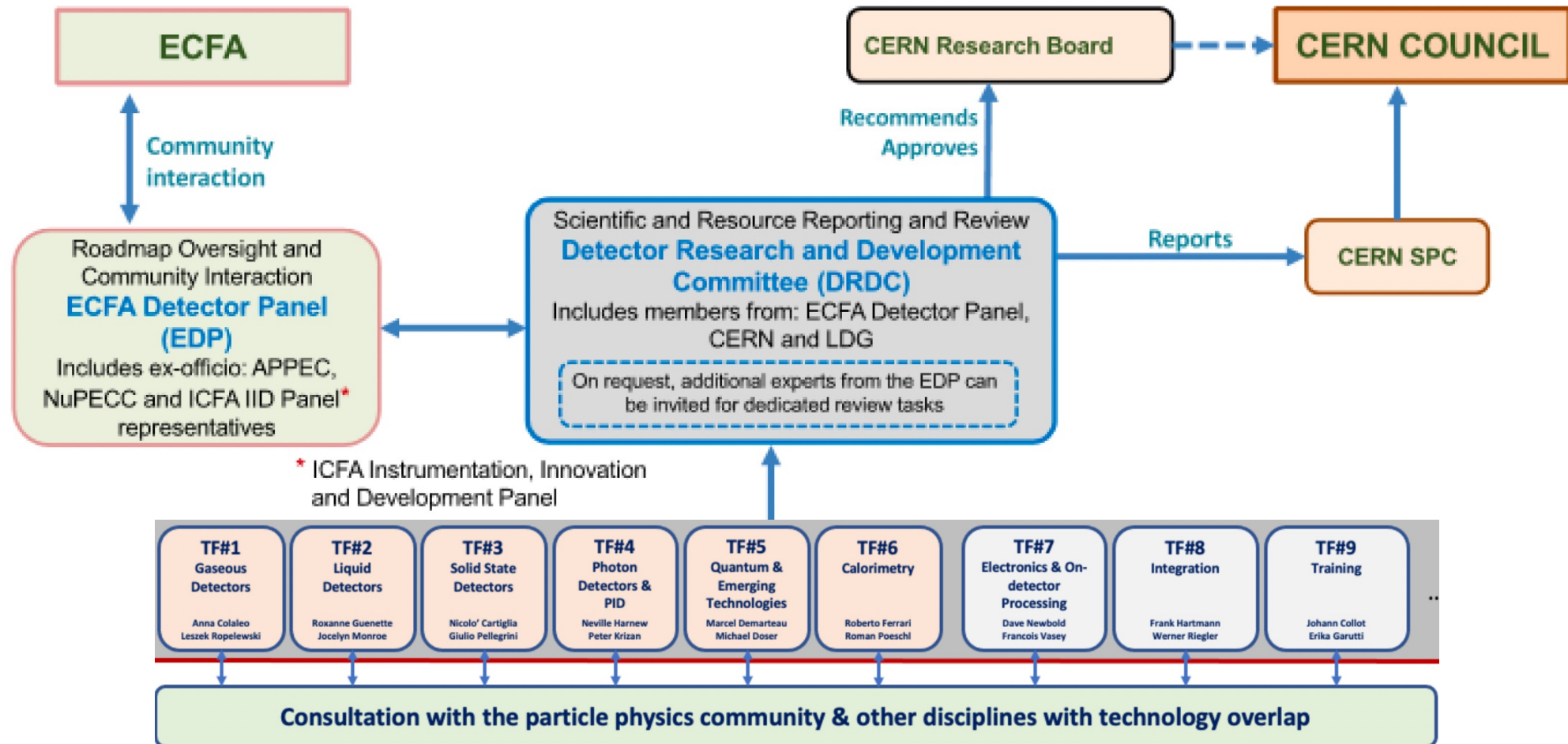
- Which will be the role of proposed DRDs in funding of projects?

Recommendation to FAs on funding allocation ?

Additional and independent funding in addition to present scenarios ? Realistic? Risks?

- Some skepticism and cold attitude in some community

# ECFA DRD scheme proposal



<https://indico.cern.ch/event/957057/>

# Organisation very different for different DRDs

- Some DRDs have started to collect information (example DRD3)

Questionnaire to fill (see next slides)

Intention to define axes (?)

Existing Collaborations to submit proposals (example: RD50)

- Some are less formal: example DRD8 (is it true?)

No specific collection of detailed information

- General lack of information and discussion?

Indeed many groups of laboratories didn't hear anything

Top-down initiative which will implode?

“Why somebody not contributing to funding should tell FAs where to put their funds and not contributing to work should tell physicists what to work on?”

# Example of questionnaire: DRD3

DRD3 Workshop on 22-23 March 2023

**Expression of Interest for participation in**

**DRD3 – R&D on Solid State Detectors**

Background information: <https://indico.cern.ch/event/1214410/>

Instructions ([Replace or delete the blue example text!](#))

Fill only one form per institution.

**Name of the institution, full address:**

**Country:**

**Contact person(s)** (full name and email):

· [Person 1, email1](#)

**What's an Institution?**  
**A laboratory?**

Then should be filled on behalf of all the experiment in a lab?

Who should do that?

**A Funding Agency?**

Indicating all the experiments of the FA?

# Example of questionnaire: DRD3

## Size of the group interested in the DRD3 activities

(approx. FTE of participation in DRD3):

- *xx FTE (permanent staff)*
- *xx FTE (temporary staff, postdocs, students)*

~~List of participants (already contracted personnel, as to appear on the proposal):~~

- *Person 1, email1*
- *Person 2, email2*

## Integrated on a lab?

Under which assumptions?  
For the sum of experiments?  
And then? If an experiment is  
not considered priority?

<b>Resources (FTE per year)</b> <b>(split into permanent and temporary personnel)</b> <b>[2024 to 2028]</b>	
Permanent [FTE/year]	Temporary [FTE/year]
5	2024-2028: 6 *2025-2028: 4
24-26: 4 27-28: 6	24-26: 2 27-28: 3

## Supported by who?

Based on funded projects?  
 Lab director?  
 FAs Adjoint Director?  
 How can we extrapolate?

<b>Resources (financial resources per year)</b> (split into operations budget and capital investment)  <b>[2024 to 2028]</b>	
<i>Operations budget</i> [kCHF/year]	<i>Capital investment</i> [kCHF/year]
100 kCHF	200 kCHF  * >2025: 1 MCHF

Even more true for funding

**Supported by who?**

Based on funded projects?  
Lab director?  
FAs Adjoint Director?  
How can we extrapolate?



Should all this be just an indication, with no real engagement?



## Different strategies?

- Some group/lab is asking for more time to submit
- Should we just get positioned?
- Laboratory-oriented?
- Project-oriented?
- Technology-oriented?
- Physics-oriented?

Useful links

The document approved by the SPC and CERN Council in September 2022 can be found at [https://indico.cern.ch/event/1197445/contributions/5034860/attachments/2517863/4329123/spc-e-1190-c-e-3679-Implementation\\_Detector\\_Roadmap.pdf](https://indico.cern.ch/event/1197445/contributions/5034860/attachments/2517863/4329123/spc-e-1190-c-e-3679-Implementation_Detector_Roadmap.pdf).

**As proposed in the document, topic specific community meetings will now be held in the course of the coming months. To sign up for these and to register your interest in participating on the corresponding R&D Collaborations being developed please see the links below.**

- TF1 Gaseous Detectors <https://indico.cern.ch/event/1214405/>
- TF2 Liquid Detectors <https://indico.cern.ch/event/1214404/>
- TF3 Solid State Detectors <https://indico.cern.ch/event/1214410/>
- TF4 Photon Detectors and PID <https://indico.cern.ch/event/1214407/>
- TF5 Quantum and Emerging Technologies <https://indico.cern.ch/event/1214411/>
- TF6 Calorimetry <https://indico.cern.ch/event/1213733/>
- TF7 Electronics and On-detector Processing <https://indico.cern.ch/event/1214423/>
- TF8 Integration <https://indico.cern.ch/event/1214428/>
- TF9 Training <https://indico.cern.ch/event/1214429/>