



To: AidaInnova Management

Subject: Request for Change of Due Date for Deliverable D8.3

Dear AIDAInnova Management Team,

I hope this message finds you well.

I am writing to formally request an extension of the due date for Deliverable D8.3, titled "Qualification of Neutron Irradiated SiPMs at Different Temperatures," which is currently scheduled for submission by M44 and led by the Jožef Stefan Institute.

#### **Reason for Extension Request**

In Task 8.4.1, we are investigating innovative silicon photomultipliers (SiPMs) and their future applications in Particle Identification (PID) detectors. A crucial part of this investigation involves producing test structures of SiPMs with several design variations to evaluate the radiation resilience of the sensors.

However, we have encountered a significant delay due to the late installation and commissioning of the production facility at Fondazione Bruno Kessler. This delay has resulted in the production of the silicon photomultipliers for the AidaInnova project not yet commencing. The current estimated date for the delivery of these samples is December 31.

#### **Proposed New Due Date**

Given the aforementioned delays, we kindly request that the due date for Deliverable D8.3 be extended to March 31, 2025, which coincides with the end of the AidaInnova project.

We believe this extension will provide sufficient time to complete the necessary testing and ensure that the deliverable meets the highest standards of quality and reliability.

#### **Action Plan:**

- **Production Start:** The production of silicon photomultipliers will commence immediately upon the availability of the production facility, with an expected delivery date of December 31.
- **Testing and Qualification:** Following the production, we will initiate the testing and qualification processes, ensuring that all results are thoroughly documented and analyzed.
- **Progress Monitoring:** We will implement a detailed progress monitoring plan to ensure that all activities stay on track and any potential issues are promptly addressed.
- **Regular Updates:** Regular progress updates will be provided to the AidaInnova WP8 management team to ensure full transparency and alignment with project goals.

We apologize for any inconvenience this delay may cause and appreciate your understanding and cooperation in this matter.

Thank you for considering our request.  
Best regards,

Rok Pestotnik  
Task Leader  
Jožef Stefan Institute  
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