WP7: Integration into Industrial Solutions

Steering Committee meeting, October 20, 2026

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WP7: Integration into Industrial Solutions

INFN LNL, CNRS, industrial partners

Conveners: Oscar Azzolini and Giorgio Keppel (INFN-LNL)

Task 7.1: Coordination with industry and Dissemination – M1-M48

- *General coordination (INFN)*
- *Integrate (WP9 interaction) and update the iSAS website -> **section on industrial aspects***
- *Organize iSAS industrial workshops (12 and 36 months) and online meetings with industrial partners*

Task 7.2: Relations with industries – M1-M48

- *Establish and coordinate the activities of the iSAS Industry Board (IB) **30th October 2024***
- *Involve companies from the earliest stages of R&D (engagement in low TRL developments)*
- *Promote Knowledge Transfer to industry to stimulate creation of new shared IPs*

Task 7.3: Business opportunities – M24-M48

- *Disseminate the developed iSAS technologies*
- *Create an iSAS project repository **(hosted at STFC)***
- *Create new business opportunities, spin-offs, etc.*

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WP7 – Integration into Industrial Solutions: status/evolution of Task 7.1 Coordination with industry and Dissemination

D7.1 **Industry Website** -Website, patent filings, videos, etc *WebSite M10 - INFN*

D7.2 Report from Industry Board - *Report M46 – INFN*

D7.3 Report on actions to maximize business opportunities - *Report M46 - INFN*

From Industrial Reviews

IW1 Industrial Workshop 1 y

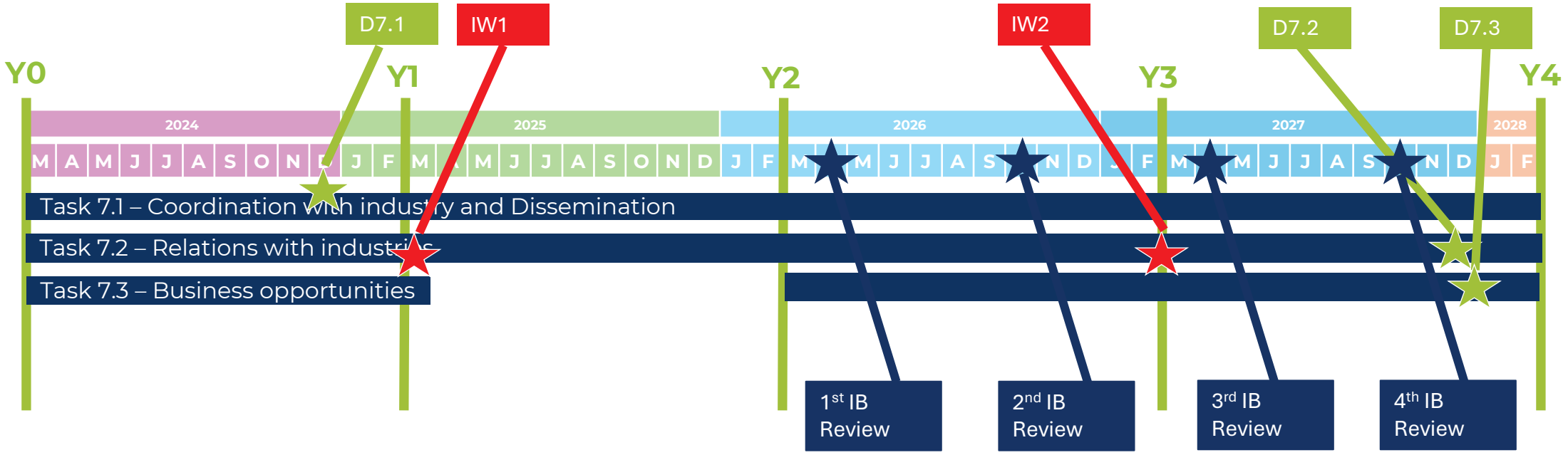
IW2 Industrial Workshop 3y

1st IB Review: Industrial Review

2nd IB Review: Industrial Review

3rd IB Review: Industrial Review

4th IB Review: Industrial Review



WP7 – Integration into Industrial Solutions: status/evolution of Task 7.1 Coordination with industry and Dissemination

- **Progress** to take into account **Advisory Board recommendations**: "**Supply chain robustness and the long-term availability of critical components developed or procured by industry** are not yet addressed in a systematic manner. Even within constrained resources, this topic could be advanced through lightweight but targeted approaches, such as focused consultations, a dedicated workshop with key suppliers, or structured bilateral exchanges with major industrial actors. This would support a more forward-looking assessment of vulnerabilities and align with broader European priorities on technological sovereignty and industrial resilience".
- **WP7 Action**

Focusing the **next iSAS industrial Workshop** on: Supply resilience and long-term availability of accelerator components

1. **Laboratory needs**: components to be installed, future requirements, expected facility lifetimes, and maintenance and spare-part needs.
2. **Industry perspective**: production capacity, dependencies on subcontractors, obsolescence risks, and the conditions required to sustain production and retain expertise.
3. **Priority setting:** assessment of case studies to identify vulnerabilities based on their impact on accelerators, available alternatives, and the time required to qualify their production.
4. **Agreement on actions:** development of a joint action plan between laboratories and industry, structured by technology

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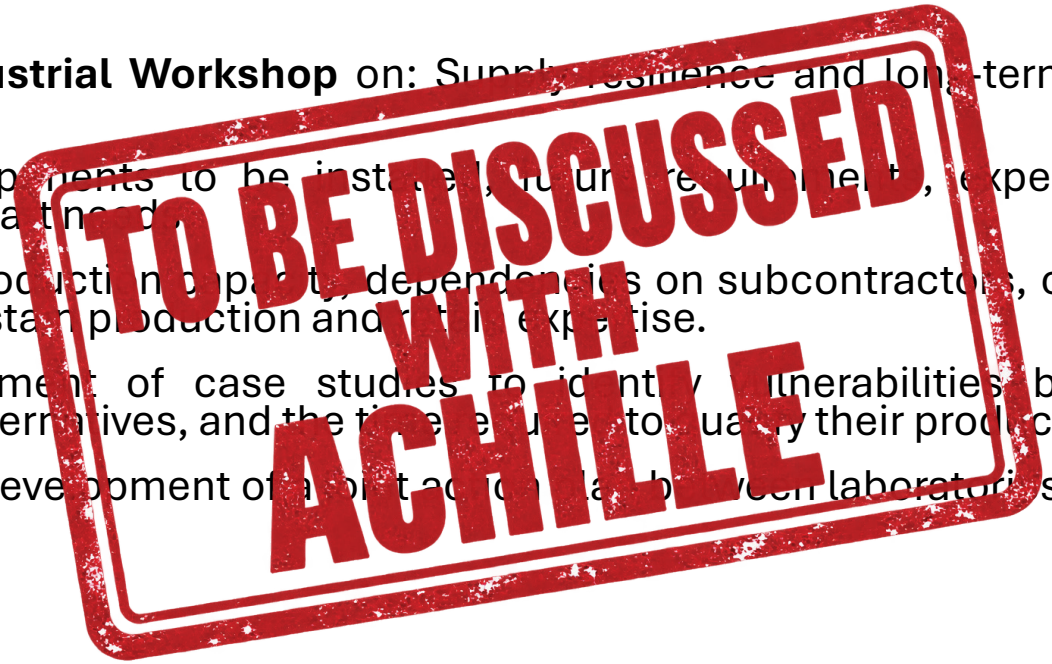

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WP7 – Integration into Industrial Solutions: status/evolution of Task 7.2 Relations with industries

Past developments

Industrial Review Plan:

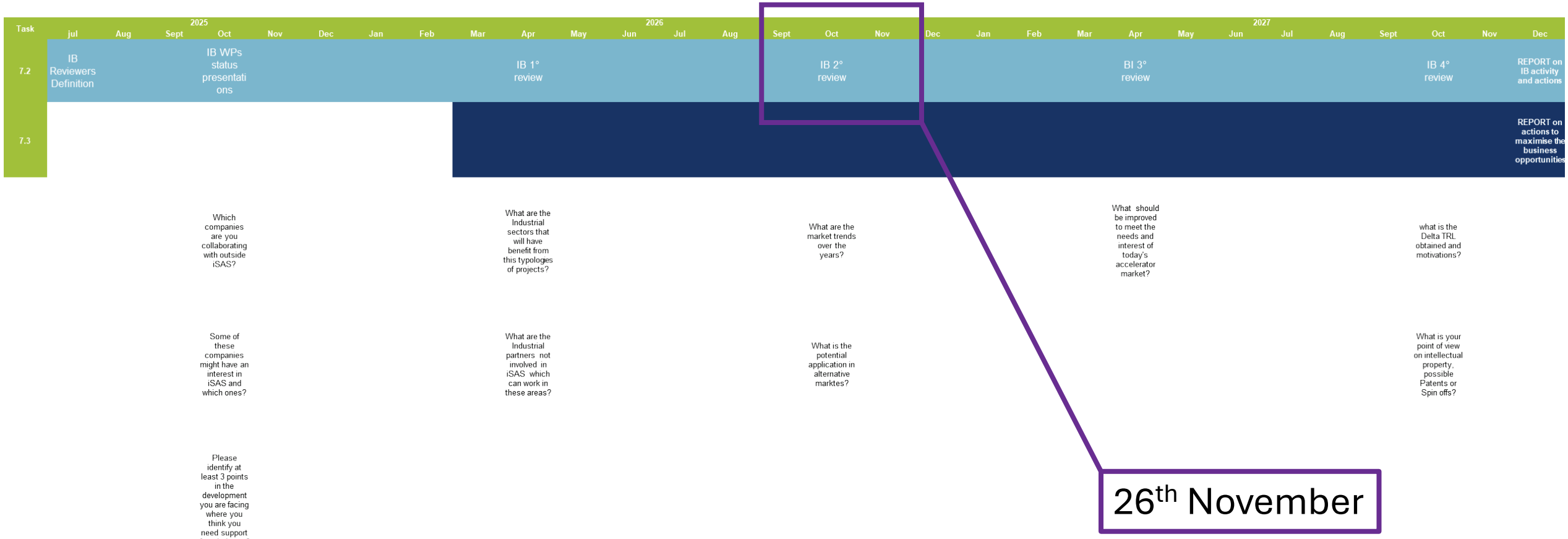
The WP7 has identified the Industry Board (IB), composed by WP leaders and representatives of associate companies, during a dedicated meeting (https://indico.ijclab.in2p3.fr/event/11280/). The aim of the IB is to involve at the early stage the industrial partners in the research activity developed within each ISAS WPs. To achieve this goal, an **industrial review panel** focused on specific WPs (from 1 to 5) has been identified as reported in the following list during a dedicated IB meeting (https://indico.ijclab.in2p3.fr/event/12022/):

- 15Th July 2025 industrial review panel composition

WP1 ▸ Euclid Techlabs
WP2 ▸ Euclid Techlabs
WP3 ▸ Zanon
WP4 ▸ RI
WP5 ▸ ACS

WP7 – Integration into Industrial Solutions: status/evolution of Task 7.2

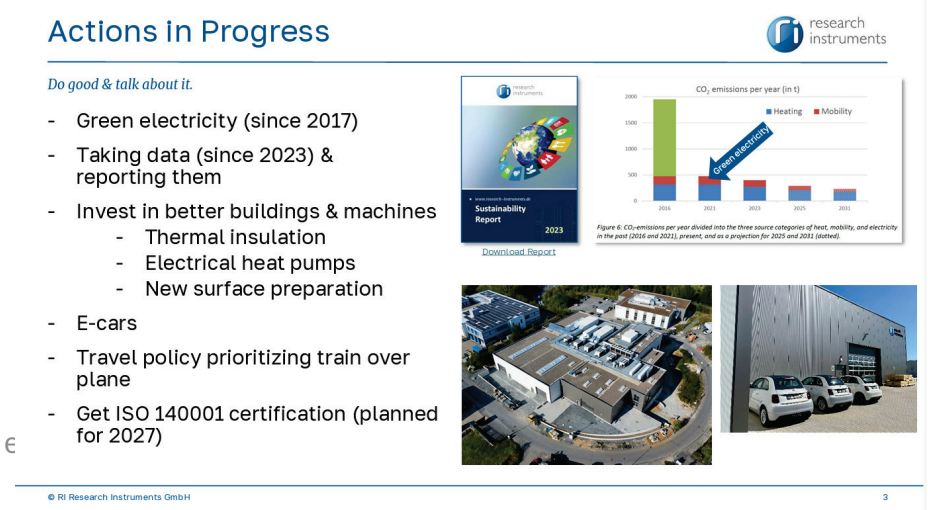
Relations with industries



WP7 – Integration into Industrial Solutions: status/evolution of Task 7.2 Relations with industries

- **Progress** to take into account Advisory Board recommendations:
- " The recommendation to **involve Industrial Liaison Offices (ILOs)** from major iSAS partner"
- A pragmatic and resource-compatible way forward would also be to engage existing industrial partners through a **short survey or structured exchange to better understand their sustainability goals**, constraints, and expectations."
- **WP7 Action**
  - Extend the participation to other ILOs representatives before the next IB review meeting and discuss together the possible survey to be sent around to the iSAS industrial partners
  - RI has already experience in sustainability (contact them directly)

Figure 2: The 17 Sustainable Development Goals[3] (SDGs) defined by the UN and highlighting the eight to which RI contributes directly.



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WP7 – Integration into Industrial Solutions: status/evolution of Task 7.3 Business opportunities

- **Progress** to take into account EU commission recommendations: creation of videos for iSAS outreach and dissemination
- **WP7 Action**
  - Production of videos featuring young researchers presenting their work in connections to industry.
  - Contact and place an order to a video production company directly to create videos for the iSAS website industry section.