WP3 - Industry engagement

Mauro Morandin (INFN)
Djamschid Safi (DESY)
Jose M. Perez (CIEMAT)

i.FAST S.C. Meeting - June 25th, 2021
WP3: Industry engagement

• WP3 will explore ways to boost the involvement of industry in R&D and technical development activities.
• We have started to work on all the three tasks:
  - **WP3.1** [INFN (M.M.), CEA, CERN, CIEMAT, DESY]
  - **WP3.2** [DESY (Djamschid Safi), CERN, UKRI]
  - **WP3.3** [CIEMAT (Jose M. Perez), CEA, CERN, INEUSTAR, CDTI]
WP3.1 - IAB

- The IAB will advise the project management on:
  - how to optimize the impact of the industrial participation in I.FAST, to stimulate the applications of R&D results, to remove the obstacles which limit the effectiveness of collaboration with RI and TI

- The IAB will be setup to contribute also in:
  - selecting the proposals for training secondments in task WP2.4
  - advising I.FAST in the organization of the Innovation Fund program
  - acting as an Advisory Board for the AMICI Technology Infrastructures coordination project (WP13)
WP3.1 - IAB (II)

• process for selecting the IAB members nearly finished:
  - nominations solicited and input received from ILOs, I.FAST partners
  - ~ **30 nominations** received: representatives of companies from 12 countries
  - short-list defined by WP3 collab. board
  - **all invited members confirmed** their willingness to join the IAB
  - **I.FAST management and SC endorsement (today)**
  - official invitation letters will have to be sent out

• process for IAB chair still on going
  • nominations solicited
  • one candidate chosen in consultation with I.FAST management
  • waiting for the confirmation
### WP3.1 - IAB (II)

- IAB proposed members

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<thead>
<tr>
<th></th>
<th>Name</th>
<th>Organization</th>
<th>Country</th>
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<tbody>
<tr>
<td>1</td>
<td>Hedbavny Pavel</td>
<td>Vakuum Praha</td>
<td>Czechia</td>
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<td>2</td>
<td>Charles Mangeot</td>
<td>CTS</td>
<td>Denmark</td>
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<tr>
<td>3</td>
<td>Lancelot Jean-Luc</td>
<td>Sigmaphi</td>
<td>France</td>
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<td>4</td>
<td>Michael Peiniger</td>
<td>Research-Instruments</td>
<td>Germany</td>
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<tr>
<td>5</td>
<td>Francesco Fantini</td>
<td>Fantini</td>
<td>Italy</td>
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<tr>
<td>6</td>
<td>Ronald Dekker</td>
<td>Demaco</td>
<td>Netherlands</td>
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<tr>
<td>7</td>
<td>Rok Hrovatin</td>
<td>Cosylab</td>
<td>Slovenia</td>
</tr>
<tr>
<td>8</td>
<td>Miguel Angel Carrera</td>
<td>AVS - Added Value Solutions</td>
<td>Spain</td>
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<tr>
<td>9</td>
<td>Josef Troxler</td>
<td>Ampegon Power Electronics AG</td>
<td>Switzerland</td>
</tr>
<tr>
<td>10</td>
<td>Melhem Ziad</td>
<td>Oxford Instruments</td>
<td>UK</td>
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WP3.1 - IAB (III)

• The Chair of the IAB is an important role
  - we are aiming at engaging a distinguished colleague
    • with deep knowledge of both worlds: Research Infrastructure that use or build accelerators and Industrial suppliers and collaborators
    • with experience as team or organization leader
  - we would also like to balance the presence of gentlemen in the IAB with a lady as IAB chair
  - we would love to be able to gather one or two additional nominations as backup options and invite you to send us any suggestions
WP3.1 - I.FAST Compendium for companies

- as a first action, we would like to make available a few pages of the Official I.FAST Website, dedicated
  - to describing and supporting the industrial participation in I.FAST
  - to providing information to promote the interaction with the industrial world
- idea discussed with Daniela Antonio and Antoine Le Gall with positive feedback
- proposed initial content (with emphasis on external companies):
  - introduction about the role played by industry in I.FAST and description of the participating companies
  - calendar of events open to the participation of industrial companies
  - section dedicated to illustrate the various ways companies can be engaged in I.FAST activities
    - registration to received the I.FAST newsletter
    - participation in workshops
    - possible cooperation
    - participation in the industry training program
    - collaboration with I.FAST beneficiaries in projects submitted to the innovation funds
WP3.1 - Workshop questionnaire

- The calendar of industry related workshops/events will contain information as detailed as possible to favor the largest industrial participation.
- This will make possible also to optimize the global schedule and avoid problematic overlaps.
- A questionnaire about events promoted by the various WPs has been prepared and will be circulated soon to the WP leaders to collect such information.
  - Task Leaders can be involved of course as appropriate.
- We would love to have the answers back by July 15th.
WP3.1 - Extending the I.FAST industrial collaborations

- Possible collaboration with private companies not in I.FAST
  - not supported by EC money, no formal agreement with the project
  - a procedure for engagement will be published:
    - expression of interest sent to I.FAST (I.FAST-WP3@cern.ch)
    - WP3 interaction with the company to clarify their interest and to characterize their possible in-kind contributions, if needed
    - proposal forwarded to the relevant WP leader(s)
    - preliminary decision by the WP
      - if positive, company will start interacting with the WP to finalize the type of cooperation that can be started
      - the first request has been already received
WP3.2

- The WP3.2 goal is to stimulate the development of the Knowledge Transfer potential in I.FAST activities and promote its exploitation.
WP3.2 - Innovation and KT survey

- The first step is a survey, aimed at
  - assessing the innovation potential and the extent of possible knowledge transfer associated with the R&D activities in I.FAST
  - evaluating whether the level of industrial engagement in I.FAST activities is adequate or how it could be strengthened further
- I.FAST Task Leaders will be invited to participate in the survey and to provide their feedback by July 30
- Only tasks that include R&D activities will be taken into consideration for the survey
- The questionnaire is being tested inside and outside WP3 and will be circulated soon
WP3.3

- WP 3.3 final goal is to explore how to extend the involvement of industry in R&D activities, favoring in particular early engagement of SMEs

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<thead>
<tr>
<th>Step 1</th>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
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<tbody>
<tr>
<td></td>
<td>M0</td>
<td>M2</td>
<td>M4</td>
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<tr>
<td>Background. Previous information of interest</td>
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<td>Private iteration with related industries. Preliminary feedback.</td>
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<td>Inform WP leaders and Project leader for an eventual help</td>
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| Step 2 |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Internal iteration |        |        |        |        |        |        |        |        |
| Definition of key questions |        |        |        |        |        |        |        |        |
| Definition of IFAST companies, and TI, RI, others |        |        |        |        |        |        |        |        |

| Step 3 |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Define the contact network (under iterative basis) |        |        | WP13   | WP13   | WP13   | WP13   | WP13   | WP13   |
| B2B meetings with companies in IFAST |        |        |        |        |        |        |        |        |
| Workshops programmed in WP3 and WP13 and ... |        |        |        |        |        |        |        |        |

| Step 4 |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Compilation. Iteration with TI, RI |        |        |        |        |        |        |        |        |
| Discussion and iteration with all parties involved |        |        |        |        |        |        |        |        |
| Deliverable drafting |        |        |        |        |        |        |        |        |

**Milestone:** M3.3: Collection of initial feedback from industrial partners and RIs participating in I-FAST. *Delivery date: month 15*

**Deliverable:** Report on extended industrial contributions in R&D activities. *Delivery date: month 36*
WP3.3 - (II)

- first steps:
  - evaluate the **background knowledge** already available on this topic, especially the one acquired in the context of previous European Projects
    - collection of information from Tiara and Amici already carried out
  - **preliminary discussions with a few companies**
    - started in June, second meeting scheduled by July 9th
  - preliminary contacts with Univ. colleagues working in economic disciplines verified interest for a possible collaboration on this activity aimed at publishing the outcome in a scientific journal
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