



# Collaboration with industry in ARIES innovation WP

Aries KoM - CERN May 05, 2017

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# W14: Promoting Innovation - JRA

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## *Collaboration with industry implemented in 3 pillars:*

- ✓ PoC
- ✓ 3 R&D development projects in WP14
- ✓ Actions of networking, link and dissemination (academy meets industry events)

## *Transversal to this, the IAB is tasked:*

1. To link with independent professional associations, with EC, and with industries, to develop funding possibilities, Business Plans and steering proposals.
2. To identify projects for PoC Fund eligibility
3. To appoint an Evaluation Committee that shall select, rank and propose to GB for award the projects to be funded, according to a defining procedure
4. To monitor innovations in the relative WPs, not necessarily linked to accelerator physics, that could eventually be transferred to industries to maximize commercialization opportunities of the technologies
5. To support/advice the IP management (identification of background and foreground) thus fostering commercialization of research results

# W14: PoC

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- ✓ *PoC will consist in funding opportunities (total 300 K€) allocated on a competitive basis to innovative projects, according to procedures to be issued by WP14 and approved by GB.*
- ✓ *The procedures will enhance role of business plan for the funding allocation and eligibility of the projects to the funding*

# W14: R&D development projects

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*3 specific technical projects are embedded into ARIES WP14, and implemented with **industrial partners**. They will consist in:*

- *Task 14.4. Industrial production of materials for extreme thermal management, in collaboration with WP17.*

*CERN, **RHP***

- *Task 14.5. HTS innovative process for accelerator magnet conductor*

***BHTS**, CEA, CERN, UNIGE , UT*

- *Task 14.6. Industrialisation of REDNet Accelerator Timing System for Industrial and Medical Applic.*

*CERN, **COSYLAB***



# W14: R&D development projects

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*ARIES includes as beneficiary an industry professional association (**CNI**) for the support into business plans preparation and identification of projects eligible for funding.*

*ARIES includes other industrial association (**PIGES**) with mandate as member of IAB*

*ARIES will engage with industries external to the project, on the basis of actions aimed to steer the EC coming Framework Program.*

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- *It has been presented to ARIES PC and to GB a proposal of mandate for the IAB, the governance body active in WP14 to promote innovation.*
- *It is discussed the preparation of dedicated workshop in Brussels: KoM it is also the occasion for preparing a larger and aimed ARIES gathering in autumn. EU industry working on accelerator relevant technologies will be informed and requested to participate/contribute to autumn gathering with ARIES partners.*



# Proposal for a partnership with industry

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- We want to build a collaborative community that includes sector industries supporting a range of creative professionals through networking, sharing of skills, availability of facilities and know-how that all together make possible the progress from an idea to a product.
- We want as well match the available funding seeds for projects ideas that are reviewed and assessed for potential.
- We want to exploit the EC funding possibilities using the CERN EU office expertise and our established networks.
- We want to make the best use the success stories as a learning lesson and case study to spread examples and benchmarks  
→ *you are invited to share with us your lesson*

# Conclusion

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- We are defining an innovation strategy that tries to align industries needs with EC funding scheme
- We aim to select product concept & commercial potential  
→ *it is important to have vision of market and its expectations*
- We will work out technology R&D and validation and testing
- We will be preparing market strategy and launch
- We need to define paths for further development of collaboration methods