

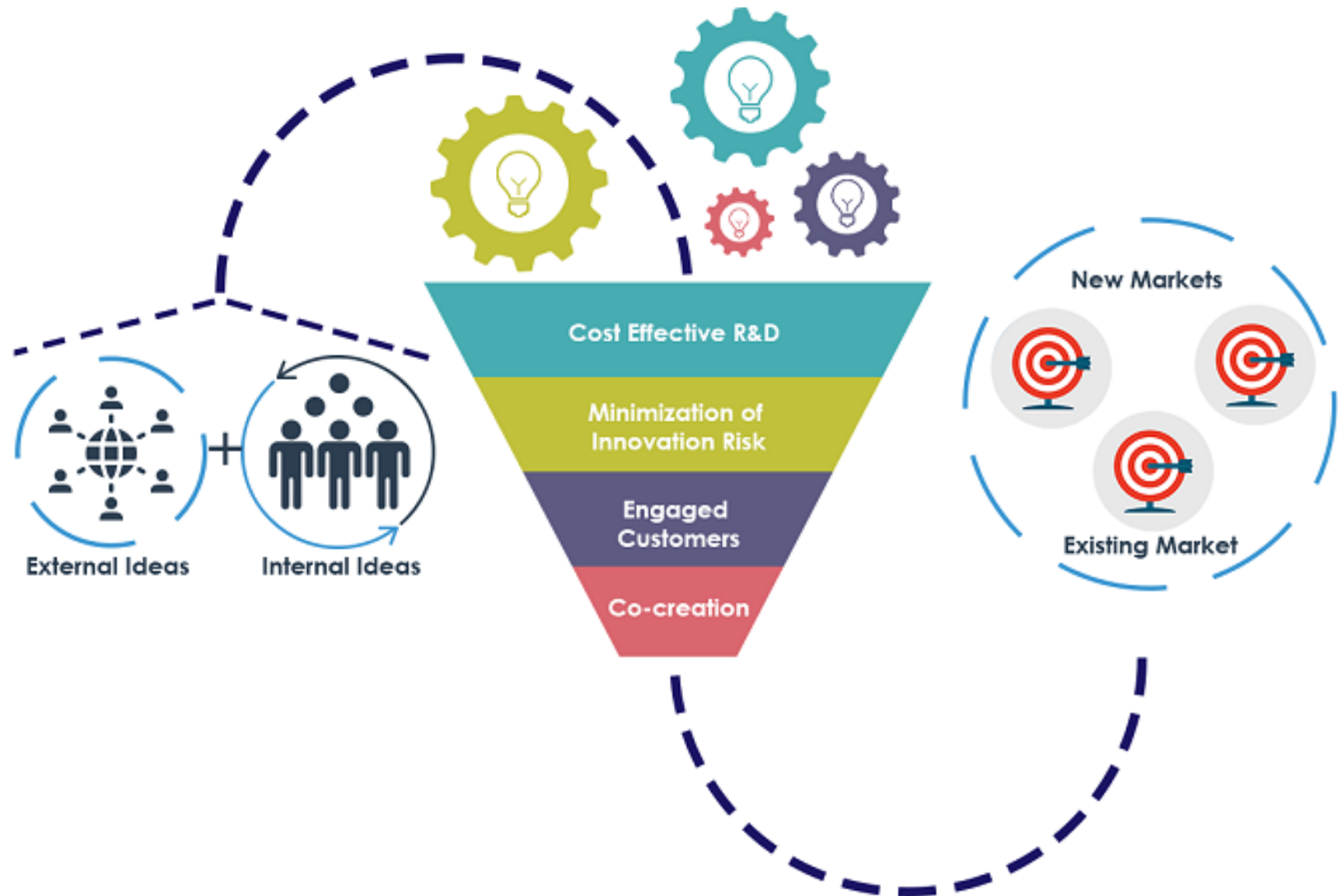
POLITECNICO
MILANO 1863

Esempi di collaborazione università impresa in ambito di progetti di Open Innovation e tutela della IP

Gaetano Cascini

- Alcune note di contesto
- La collaborazione università-impresa
- La tutela della PI
- Il modello COILab

Alcune note di contesto



Alcune note di contesto



Alcune note di contesto



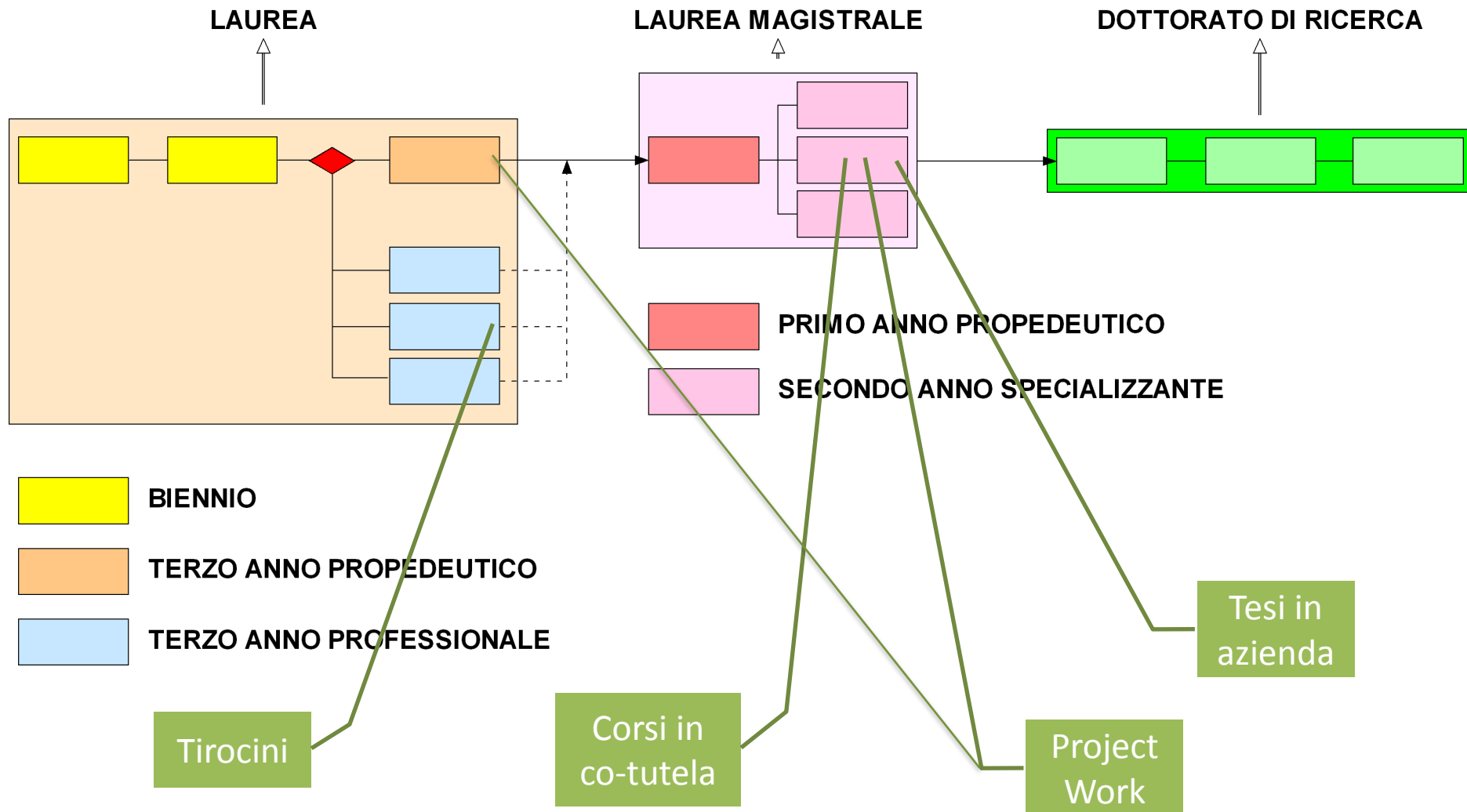
"...AND A FINAL WORD OF THANKS TO THOSE HARD-WORKING SCHOLARS WHO NEVER SLEEP: THE TERM-PAPER GHOSTWRITERS."



- Approccio tradizionale:
 - Collaborazioni di Ricerca
 - Prove sperimentali
 - Tirocini

- Varietà e flessibilità crescenti:
 - Insegnamenti in co-tutela
 - Es. «MOBILITY: INFRASTRUCTURES AND SERVICES»
 - Project Work
 - Es. «LABORATORIO PROGETTUALE CAD»
 - Workshop
 - Es. Seminari su competenze trasversali LM
 - Tesi in azienda
 - ...

La collaborazione università-impresa @POLIMI-IngMecc



Esempio: Lab. Progettuale CAD (3° anno – Ing. Meccanica)



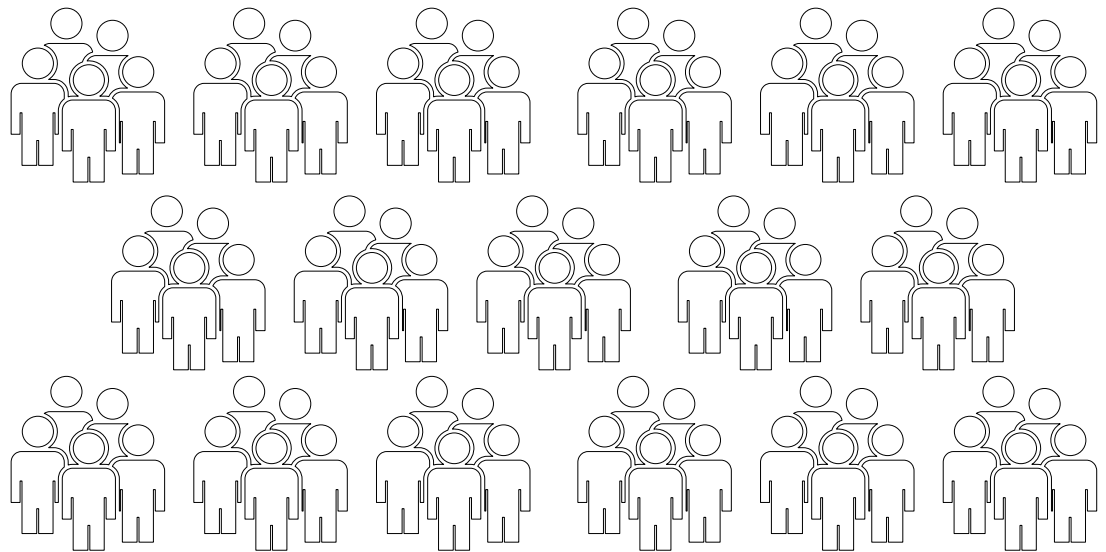
Ingegneria Meccanica
Laboratorio Progettuale CAD
Prof. Gaetano Cascini - A.A. 2018/2019



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INGEGNERIA MECCANICA

CORSO DI STUDI



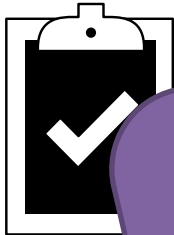
~150 studenti, ~ 25 team di progetto, ~ 120 h (lezione + lab)

Esempio: Lab. Progettuale CAD (3° anno – Ing. Meccanica)

AA 2017/18:



Design Task

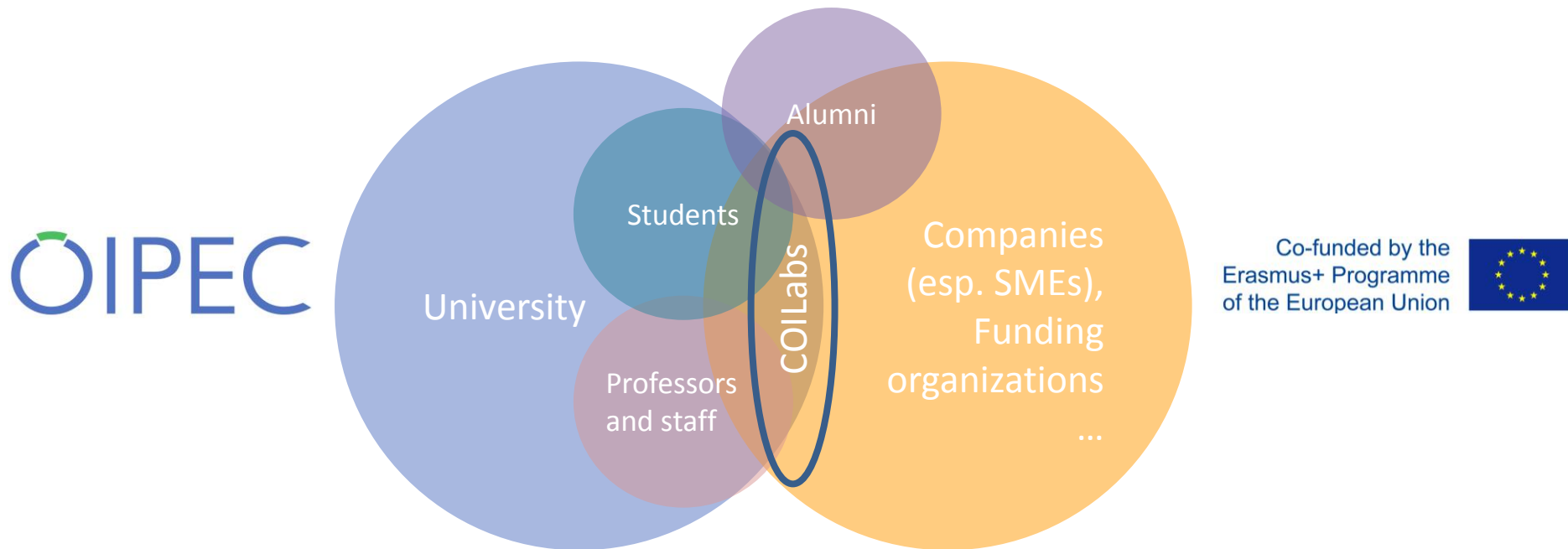


E la Proprietà Intellettuale?



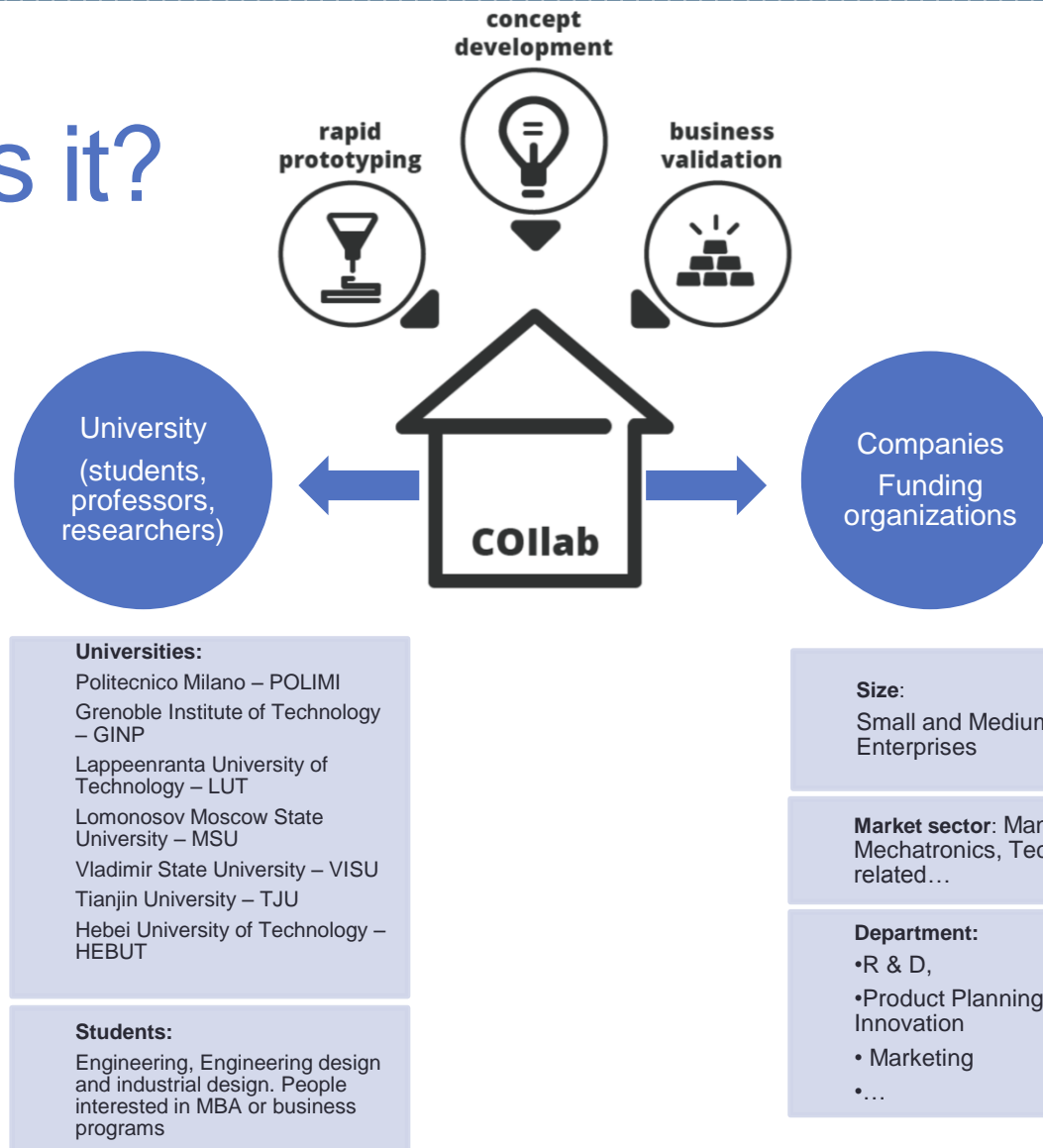
COILabs:

Collaborative Open-Innovation Laboratories

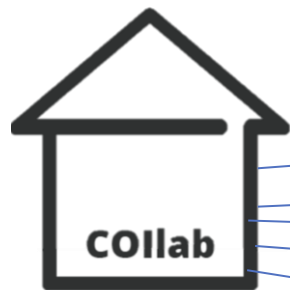


COILabs are “Collaborative Open Innovation laboratories” to enhance the collaborative activities between **universities** and **enterprises**, with the aim of generating novel products/services or improving existing ones

What is it?



What does it offer?



*Education and Training
**Innovation Support
***Available resources
Service provider
Hiring fresh minds

Company

- R&D
- Product planning and Innovation office
- H R

Activities

- ☐ Innovation and entrepreneurship courses
- ☐ Practice projects (project workshops)
- ☐ Validate concepts
- ☐ Executive development programs
- Technology-support prototype lab
- Active learning
- Collaborative projects

*Education and training

- Technology mentorship
- ☐ Consulting
- Methodological support
- ☐ Get fresh ideas from young engineers
- Learn new methods and techniques

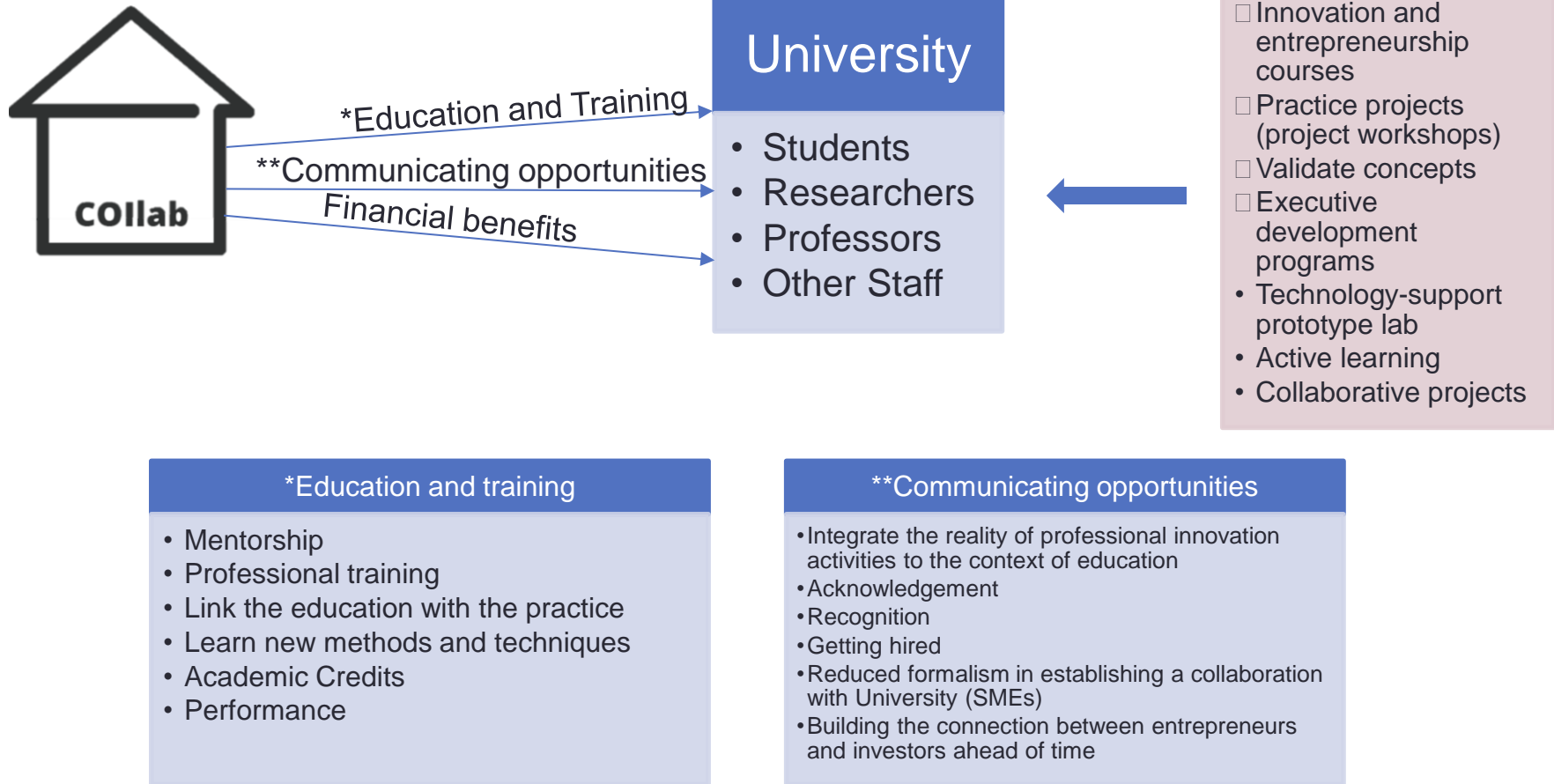
**Innovation support

- Innovation and entrepreneurship knowledge
- Communicating opportunities with entrepreneur
- Affordable Innovation

***Available resources

- Integrate the reality of professional innovation activities to the context of education
- Technical infrastructures
- Work in a vibrant environment

What does it offer?



- Le dinamiche dell'innovazione e l'evoluzione di conoscenze e tecnologie richiedono nuovi modelli di formazione e collaborazione università-impresa
- Un'approccio «aperto» all'innovazione (ed inclusivo rispetto a tutti i potenziali attori) aumenta il potenziale competitivo e non impedisce la tutela della PI

Thanks for your time!!



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Mechanical Engineering
Study Programme

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