



**POLITECNICO**  
MILANO 1863

**PROVA SCRITTA N. 1**

Il Candidato illustri il processo di accreditamento per l'ottenimento del logo HR Excellence in Research, da parte della Commissione Europea, per le istituzioni aderenti ai principi della Carta Europea del Ricercatore e del Codice di Condotta.



**POLITECNICO**  
MILANO 1863

**PROVA SCRITTA N. 2**

Il Candidato illustri il percorso di carriera tipo di un ricercatore, individuando i periodi salienti in cui è possibile avviare una pianificazione di partecipazione a bandi individuali.



**POLITECNICO**  
MILANO 1863

**PROVA SCRITTA N. 3**

Il Candidato illustri come analizzare il curriculum vitae di un ricercatore e indichi gli elementi necessari per la partecipazione ad un bando di finanziamento nell'ambito dello schema delle MSCA e ERC, indicandone le principali differenze.



**POLITECNICO**  
MILANO 1863

### **PROVA ORALE N. 1**

1. Il Candidato descriva per grandi linee il programma Horizon Europe ed entri nel dettaglio delle azioni che prevedono la partecipazione individuale di ricercatori in base alla seniority.

2. Il Candidato legga e traduca in italiano:

Topic description

Expected Outcome:

Project results are expected to contribute to the following outcomes:

For supported doctoral candidates

- New research and transferable skills and competences, leading to improved employability and career prospects within and outside academia;
- New knowledge allowing the conversion of ideas into products and services, where relevant;
- Enhanced networking and communication capacities with scientific peers, as well as with the general public that will increase and broaden the research and innovation impact.

For participating organisations

- Improved quality, relevance and sustainability of doctoral training programmes and supervision arrangements;
- Enhanced cooperation and transfer of knowledge between sectors and disciplines;
- Increased integration of training and research activities between participating organisations;
- Boosted R&I capacity;
- Increased internationalisation and attractiveness;
- Regular feedback of research results into teaching and education at participating organisations.



**POLITECNICO**  
MILANO 1863

## **PROVA ORALE N. 2**

1. Il Candidato illustri i requisiti necessari per un giovane ricercatore al fine di partecipare a bandi individuali, ed in particolare cosa rappresenta il SoE nelle MSCA.
  
2. Il Candidato legga e traduca in italiano:

A competitive Starting Grant Principal Investigator should have already shown evidence of the potential for research independence, for example by having produced at least one important publication as main author or without the participation of their PhD supervisor. When submitting their proposal, the CV and a Track Record should include personal details, education, key qualifications, current position(s) and relevant previous positions, a list of up to ten research outputs that demonstrate how the applicant has advanced knowledge in their field, with an emphasis on more recent achievements, and a list of selected examples of significant peer recognition. A short explanation of the significance of the selected outputs, the role of the applicant in producing each of them, and how they demonstrate the applicant's capacity to successfully carry out their proposed project may be included, as well as a short explanation of the importance of the listed examples of significant peer recognition.