



PhD in INGEGNERIA GESTIONALE / MANAGEMENT ENGINEERING - 40th cycle

**THEMATIC Research Field: FINANCING THE SUSTAINABLE DIGITAL TRANSITION OF
INDUSTRIAL AND ENTREPRENEURIAL SYSTEMS**

Monthly net income of PhDscholarship (max 36 months)

€ 1500.0

In case of a change of the welfare rates during the three-year period, the amount could be modified.

Context of the research activity

**Motivation and objectives of the research
in this field**

The research aims at exploring the topic of financing the sustainable digital transition of industrial and entrepreneurial ecosystems. The challenge of the transition to a more sustainable paradigm of entrepreneurship requires investing into new capabilities, new assets and new skills, in order to develop efficient entrepreneurial mindsets, build new businesses and create sustainable innovation. Mobilizing financial resources, through conventional (i.e. banks, funds) and alternative (i.e. crowdfunding, fintech) channels, is a key success factor.

**Methods and techniques that will be
developed and used to carry out the
research**

The research will explore the existing and emerging literature about the development of sustainable entrepreneurship and finance. Data will be collected about fledging startups, how those companies are established, the characteristics of the founding team, the financing rounds and successful scale-up. Rigorous econometric analyses will be carried out in order to test research hypotheses.

Educational objectives

The main objective of the research is to shed new light on the relationship between financial markets and sustainable entrepreneurship. The results will be useful for practitioners and policymakers, in order to design effective strategies to promote a just transition from the maximization of the economic result towards a more



	harmonious model that in addition to the economic-financial implications also takes into account human, social and environmental ones.
Job opportunities	There are significant opportunities on the job market related to the abovementioned topics. According to LinkedIn, among the top 10 fastest-growing jobs for 2024, three are focused on sustainability. Companies are acting on the need for addressing environmental issues, and emphasising diversity and inclusion. This change is crucial for long-term success and demonstrates a commitment to sustainable and ethical practices, highlighting a positive shift in the business landscape towards valuing social and environmental impact alongside financial performance.
Composition of the research group	2 Full Professors 2 Associated Professors 2 Assistant Professors 1 PhD Students
Name of the research directors	Massimo G. Colombo/ Giancarlo Giudici

Contacts	
giancarlo.giudici@polimi.it	

Additional support - Financial aid per PhD student per year (gross amount)	
Housing - Foreign Students	--
Housing - Out-of-town residents (more than 80Km out of Milano)	--

Scholarship Increase for a period abroad	
Amount monthly	750.0 €
By number of months	6

Additional information: educational activity, teaching assistantship, computer availability, desk availability, any other information	
<p>Teaching assistantship is required:</p> <ul style="list-style-type: none"> •Involvement in projects: "For the overall development of their capabilities, PhD candidates will work on synergical projects to favour empirical data collection and network development for their career. Projects will give candidates the opportunity to work in group (peers and other senior 	



professors)".

- Teaching and tutoring: "If coherent with the development of their doctoral program, the PhD candidate will have the opportunity to be involved in: teaching activities, tutoring to master students, tutoring to PhD candidates for administrative processes".

Funding for educational activities: 6.100,00 Euros for three years.