

## Allegato 2: Dettaglio delle Tematiche Bando a cascata 2/2023

n.	Tematiche	Importo contribuito messo a bando (min.)	Importo contribuito messo a bando (max.)	Numero di progetti finanziabili	Requisito di massa critica
1	<p><b><u>Digital debt finance and green/young entrepreneurship (WP2)</u></b></p> <p><b>Objective:</b> Digital finance is meant to support inclusion and green/young entrepreneurship. The topic aims to investigate the potential of digital means of raising debt capital (e.g. peer-to-peer lending) in fostering inclusivity and green/young entrepreneurship.</p> <p><b>Scope:</b> Proposals are expected to provide data pertaining to no fewer than 200 ventures (e.g., start-ups, Small and Medium Enterprises) that raised debt finance through digital channels over the years from 2018 to 2023. The firm-level information should include the type of financing (e.g. peer-to-peer lending, min-bonds, digital green bonds, etc.), the name of the platform or market, an identifier of the venture, the amount of capital raised, the number of financing deals, the number of investors, and biographical data (including at least gender, age, and education) about the upper echelons (top management team and/or board of directors) of the venture. The data should be provided in Excel format or other formats compatible with statistical software such as STATA, R Studio or Python.</p>	270.000 €	300.000 €	Max 1	Impegno minimo di unità di personale di ricerca strutturato che partecipa al Progetto di ricerca: 7 mesi totali
2	<p><b><u>Entrepreneurial Finance, Space Economy, and Inclusion (WP2)</u></b></p> <p><b>Objective:</b> Innovation in space technologies is generating new market opportunities for services that foster inclusive growth. The topic aims to explore novel financing mechanisms for start-ups, enabling them to seize these opportunities.</p> <p><b>Scope:</b> Proposals are expected to provide data pertaining to no fewer than 200 firms operating in the - broadly defined - space economy. The firm-level information should include the type of financing (e.g. equity capital, debt capital), an identifier of the venture, the amount of capital raised, the number of financing deals, and biographical data (including at least gender, age, and education) about the upper echelons (top management team and/or board of directors) of the venture. The data should be provided in Excel format or other formats compatible with statistical software such as STATA, R Studio or Python.</p>	270.000 €	300.000 €	Max 1	Impegno minimo di unità di personale di ricerca strutturato che partecipa al Progetto di ricerca: 7 mesi totali
3	<p><b><u>Assessing the sustainability of economic activities at regional and industry-specific levels (WP3)</u></b></p> <p><b>Objective:</b> In the context of assessing the sustainability of economic activities, the objective of the topic is to examine how environmental factors, climate change, and recent developments in the global and local energy markets affect economic activities, both at the regional and industry-specific levels.</p> <p><b>Scope:</b> Proposals are expected: - to create monitoring and predictive models that can effectively incorporate diverse data sources, including environmental, administrative, and financial data. The models should be designed to handle the vast amount of information available in the form of time series, economic indicators, and textual data; - to develop interpretive tools and to use visualization techniques as to ensure the analysis results are understandable; - to provide data collected (environmental and administrative) in Excel format or other formats compatible with statistical software such as STATA, R studio or Python.</p>	330.000 €	380.000 €	Max 1	Impegno minimo di unità di personale di ricerca strutturato che partecipa al Progetto di ricerca: 7 mesi totali
4	<p><b><u>Volatility measurement and understanding for sustainable assets and investments (WP1)</u></b></p> <p><b>Objective:</b> The objective of the topic is to construct and make available accurate measures of the realized volatility of financial assets to predict market activities and assess tail risk, obtaining information for sustainable investments.</p>	330.000 €	380.000 €	Max 1	Impegno minimo di unità di personale di ricerca strutturato che partecipa al Progetto di ricerca: 7 mesi totali



	<p><b>Scope:</b> Proposals are expected:</p> <ul style="list-style-type: none"> <li>- to define and provide forecasts of realized volatility for sustainable investments using different econometric models and approaches as to evaluate the robustness also of less accurate, but freely available, alternative volatility proxies and thus volatility measures;</li> <li>- to assess the replicability of the measurement activities by users and to provide usable solutions;</li> <li>- to provide results in Excel format or other formats compatible with statistical software such as STATA, R studio or Python.</li> </ul>				
5	<p><b><u>Assessing how the digital and green transitions influence the access to credit and the efficiency and productivity of SMEs (WP1)</u></b></p> <p><b>Objective:</b> The objective of the topic is the analysis of how the digital and green transitions influence the access to credit and the efficiency and productivity of SMEs. The aim is to assess the effects of investments in R&amp;D, the efficiency of the credit system and the impact of public infrastructures on Italian SMEs and to understand how environmental initiatives can influence the productivity and efficiency of companies as well as the access to credit.</p> <p><b>Scope:</b> Proposals are expected:</p> <ul style="list-style-type: none"> <li>- to define and provide suitable econometric models useful for the efficiency analysis and its replicability;</li> <li>- to provide results in Excel format or other formats compatible with statistical software such as STATA, R studio or Python.</li> </ul>	300.000 €	330.000 €	Max 1	Impegno minimo di unità di personale di ricerca strutturato che partecipa al Progetto di ricerca: 7 mesi totali