



Call for Expressions of Interests

IFPG Data Visualisation Portal

August 2021

New firm-level evidence on the Impact of COVID-19, Innovation, Firm Performance and Gender (IFPG) in the Caribbean

1. Call for Data Visualization Portals

The Compete Caribbean Partnership Facility (CCPF) invites individuals and/or teams to submit proposals for the graphical visualization of our Innovation, Firm Performance and Gender firm-level dataset for the Caribbean (IFPG, 2021), which collected data from 1975 firms throughout 13 countries in the Caribbean on 700 variables, including performance, innovation behavior and obstacles, digital technology use, green innovation, gender, labor and management practices, and business environment, as well as COVID impact. The objective of this call is to provide an easy to navigate user interface posted on a public website that generates high impact graphics/charts that will further stimulate the use and understanding of the data by the public.

2. Background

Firm-level surveys that capture data on the enablers and inhibitors of innovation and productivity are critical for the advancement of evidence-based policies that seek to support development. Until 2011, the Caribbean lacked a comprehensive firm-level, internationally comparable dataset that could be used to inform effective evidence-based policy formulation on issues related to innovation and productivity. In response to this challenge, in 2010 and 2014, CCPF funded the Latin America and Caribbean Enterprise Survey (LACES) and, the Productivity, Technology and Innovation Survey (PROTEqIN) respectively which were the first statistically representative surveys of their kind to be implemented for the Caribbean.

The new IFPG dataset builds on these previous efforts to generate knowledge into thematic research areas that are necessary for private sector development such as innovation, energy, technology, and productive development policies (Grazzi & Pietrobelli, 2016^[1]; Crespi, Dohnert, and Maffioli, 2017^[2]).

The IFPG was funded in conjunction with the Competitiveness, Technology, and Innovation Division (IFD/CTI) and the Caribbean Country Department (CCB) of the Inter-American Development Bank (IDB) as well as IDB Invest's Strategy and Development Department (DSP) for the purpose of generating up-to-date and internationally comparable data on the private sector for region on issues such productivity, innovation, gender, and the impact of the COVID-19 pandemic.

Beyond a closer examination of the negative impact that the pandemic has had on firm performance, preliminary evidence from the survey alerts us to some shifts in the perceptions of firm owners and managers as it relates to risks, obstacles, enablers, and the prospects for their firm's development. To best reposition the region and revitalise the private sector, the magnitude of this impact needs to be properly understood, taking in consideration both country and sector specific idiosyncrasies as well as to guide appropriate policy response amidst continuing health concerns for the region.

Moreover, the granularity of the IFPG will allow for further advancements in these research lines, addressing the validity of previous results in different contexts, improving our understanding of the relevance of policy frameworks, and exploring under-researched aspects related to private sector development.

3. Deadline for Submissions: Sunday 12th September, 2021 at 23:59:59 hrs AST. Proposals should be sent by email to competecaribbean@iadb.org with copy to waynee@iadb.org with the following subject line: CCPF IFPG Visualiser: “Lead’s Name”

4. Scope of Work

The overarching goal of this assignment is to design and develop an interactive dashboard/visualiser that provides users with the opportunity to interact with the IFPG dataset to generate and export data tables as well as impactful graphics/charts. The development of this tools aims to improve and simplify the perception and understanding of data from the IFPG surveys.

5. What do I need to Submit to be Considered?

This call requires you to submit the following:

- a. An **Expressions of Interest** (EOI) utilizing the following naming convention *Lead’s Name_IFPG Visualiser_2021_EOI*. The Expressions of Interest should include your contact information, a description of your relevant experience; reference to similar assignments/work (please provide links if possible); and Curriculum Vitae. The EOI should also include the methodology that is being proposed and should include a technical description of the Dashboard/Visualiser. A description of the platform, the optimal technical requirements/specifications and the actions necessary to ensure the Dashboard’s useability and operability should be included. The IFPG dataset can be found here: www.competecaribbean.org/ifpg-datavisualisation-call
- b. Prototype Beta Version of Dashboard and Visualizations: A Demo of the Dashboard/Visualiser to provide a sense of the aesthetics, user experience and proposed functionality that are being contemplated. An elaboration of the overall architecture, structure and data input logic of the Dashboard should be provided.

The demo should be comprised of visualisations of the questions: A4; A5; C5; F2 – found in the questionnaire here: www.competecaribbean.org/ifpg-datavisualisation-call, with filters by country, by size of firm and by economic sector.

- c. The consultant should indicate the time and financial resources that will be necessary to undertake the build out of the visualizer.

All proposals should be submitted in English.

^[1] Grazzi, M. and Pietrobelli, C., 2016. *Firm innovation and productivity in Latin America and the Caribbean: The engine of economic development* (p. 346). Springer Nature.

^[2] Crespi, G., Dohnert, S., Maffioli, A., 2017. Exploring firm-level innovation and productivity in developing countries: The perspective of Caribbean small states. *Washington, DC: IDB*.