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|  | 15 March 2018 |

FSB Survey on financing and regulation over the life cycle of infrastructure projects

***Please observe the “Instructions on completing the survey”.(***[***Link***](http://www.fsb.org/wp-content/uploads/P150318-2.pdf)***)***

# Background information

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| **Contact information** | |
| a) Name of responding entity | Click here to enter text. |
| b) Home jurisdiction entity | Click here to enter text. |
| c) Contact person details *(name, job title, telephone and email address)* | Click here to enter text. |
| d) Date of submission | Click here to enter a date. |

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| Firm anonymisation code *(official sector use only – respondent* ***not*** *to complete)* | Click here to enter text. |

# Questionnaire

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| **1. What categories of financial institutions describe the main activities of your institution (*please select all applicable activities*)?** | | | |
|  | Bank |  | Sovereign wealth fund |
|  | Insurance company |  | National development bank |
|  | Asset manager |  | Multilateral development bank (MDB) |
|  | Pension fund |  | Other, please specify: |
| Click here to enter text. |

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| **2. In which region is the operational headquarter of your institution domiciled (*please select exactly one region*)?[[1]](#footnote-1)** | | | |
|  | East Asia and Pacific |  | North America |
|  | Europe and Central Asia |  | South Asia |
|  | Latin America & the Caribbean |  | Sub-Saharan Africa |
|  | Middle East and North Africa |  | |

# Business model in infrastructure financing

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| **3. Please describe the services(s) your institution provides in infrastructure financing *(please select all applicable activities).*** | | |
|  | Equity financing | |
|  | Mezzanine financing | |
|  | Debt financing | |
|  | Insurance of project-specific risks (including guarantees) | |
|  | Hedging against market-wide and financial risks | |
|  | Financial advisory | |
|  | Other, please specify: | Click here to enter text. |

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| **4. How are the activities of your institution (i.e., in terms of invested assets in infrastructure financing) distributed?****[[2]](#footnote-2)** | |
| ***… a) by income level*** | |
|  | Mainly advanced economies (AE) |
|  | Mainly emerging market and developing economies (EMDE) |
|  | Both advanced and emerging market and developing economies |

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| ***… b) by geographic region*** | | | | | |
|  | No activity | 1 –  25 % | 25 –  50 % | 50 –  75 % | 75 –  100 % |
| East Asia and Pacific |  |  |  |  |  |
| Europe and Central Asia |  |  |  |  |  |
| Latin America &  the Caribbean |  |  |  |  |  |
| North America |  |  |  |  |  |
| Middle East and  North Africa |  |  |  |  |  |
| South Asia |  |  |  |  |  |
| Sub-Saharan Africa |  |  |  |  |  |

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| **5. Which infrastructure sectors is your institution primarily involved in *(please select all applicable sectors)*?** | | |
|  | Energy infrastructure (non-renewable power generation, transmission and distribution, related assets) | |
|  | Transportation | |
|  | Renewables | |
|  | Social Infrastructure (education, healthcare, social housing) | |
|  | Information & Communications Technology (ICT) | |
|  | Water & Sanitation | |
|  | Oil & Gas | |
|  | Other, please specify: | Click here to enter text. |

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| **6. Please rank the relevance of your infrastructure exposure in comparison to competitors in your industry (as defined in question 1; *please select exactly one option*).** | |
|  | Among the 10 biggest players globally |
|  | Between the 10 to 25 biggest players |
|  | Mid-sized player |
|  | Small player |

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| **7. Which financing instruments are used in the projects your institution is involved in (i.e. by your institution or other financing partners) during the different phases of the lifecycle of projects?[[3]](#footnote-3)** | | | | | | |
|  | Relevance  *Construction phase* | | | Relevance  *Operational phase* | | |
| No | Medium | High | No | Medium | High |
| Syndicated loans |  |  |  |  |  |  |
| Club lending |  |  |  |  |  |  |
| Direct loans |  |  |  |  |  |  |
| Mini perms |  |  |  |  |  |  |
| Project bonds |  |  |  |  |  |  |
| Sovereign and sub-sovereign bonds |  |  |  |  |  |  |
| Hybrids (subordinated or convertible bonds) |  |  |  |  |  |  |
| Listed equity |  |  |  |  |  |  |
| Unlisted equity |  |  |  |  |  |  |
| Unlisted equity funds |  |  |  |  |  |  |
| Grants |  |  |  |  |  |  |
| Other, please specify: |  |  |  |  |  |  |
| Click here to enter text. |

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| **8. Following up on question 7, how have use and characteristics of financing instruments changed over the last 10 years and how will they likely change over the next 5 years? (In particular, how have the terms of funding instruments changed and/or are expected to change? What are the underlying reasons for the shifts?)** |
| *Last 10 years:* |
| Click here to enter text. |
| *Next 5 years:* |
| Click here to enter text. |

# Market trends and drivers

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| **9. Did you observe any of the following shifts over the last 10 years, and – if so – how and why? Are trends different between AE and EMDE?** | | |
|  | Please select | If there have been changes, why have they happened?  Are trends different between AE and EMDE? | |
| The proportion of infrastructure lending for Advanced Economies (AE) relative to Emerging Market and Developing Economies (EMDE)? | Choose an item. | Click here to enter text. | |
| Re-balancing across geographical regions | Choose an item. | Click here to enter text. | |
| Supply of bankable infrastructure projects | Choose an item. | Click here to enter text. | |
| Duration of investments | Choose an item. | Click here to enter text. | |
| Ability to hedge market risk | Choose an item. | Click here to enter text. | |
| Ability to hedge credit risk (e.g. via credit enhancements and risk mitigation by multilateral development banks (MDBs) and export credit agencies) | Choose an item. | Click here to enter text. | |
| Ability to hedge non-financial risks (legal and compliance risks, political risks) | Choose an item. | Click here to enter text. | |
| The use of corporate finance relative to project finance | Choose an item. | Click here to enter text. | |

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| **10. How has the volume of infrastructure financing activities by your institution developed over the last 10 years and how do you expect it to develop over the next 5 years in absolute terms (e.g. gross exposure)?** | | | | | |
|  | Strong increase | Modest increase | Stable | Modest reduction | Strong reduction |
| Past 10 years |  |  |  |  |  |
| Next 5 years |  |  |  |  |  |

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| **11. How have the following factors impacted your institution’s portfolio allocation towards infrastructure assets?** | | |
| *Please provide your assessment separately for infrastructure projects in AE and EMDE.* | **Impact on  AE projects** | **Impact on  EMDE projects** |
| *Please select “(strongly) negative impact”, “neutral” or “(strongly) positive” impact”* | Please select: | Please select: |
| Global search for yield / Monetary policy stance | Choose an item. | Choose an item. |
| Availability and cost of interest rate risk hedging | Choose an item. | Choose an item. |
| Currency mismatch | Choose an item. | Choose an item. |
| Availability and cost of currency risk hedging | Choose an item. | Choose an item. |
| Availability and cost of credit enhancement by project partners (MDBs, others) | Choose an item. | Choose an item. |
| Fiscal policy / Government spending stance | Choose an item. | Choose an item. |
| Political risk / Non-financial regulation and legal framework / Tax environment | Choose an item. | Choose an item. |
| Financial regulation | Choose an item. | Choose an item. |
| Supply of infrastructure assets of sufficient quality |  |  |
| * In the long term, predictable | Choose an item. | Choose an item. |
| * In the near term | Choose an item. | Choose an item. |
| Availability of credit ratings for infrastructure assets | Choose an item. | Choose an item. |
| Ability to match lifetime of project with intended investment time horizon | Choose an item. | Choose an item. |
| Broader firm’s strategic priorities – unrelated to above-mentioned factors | Choose an item. | Choose an item. |

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| **12. Through which channels do the factors you consider most important in question 11 impact the volume or pricing of infrastructure activities?** |
| Click here to enter text. |

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| **13. How do the following elements of financial regulation (as implemented by early 2018) impact your institution’s portfolio allocation towards infrastructure assets?** | | | |
| *Please provide your assessment separately for infrastructure projects in AE and EMDE.* | **Impact on  AE projects** | **Impact on  EMDE projects** | |
| *Please select “(strongly) negative impact”, “neutral” or “(strongly) positive” impact”.* | Please select: | Please select: | |
| Treatment of infrastructure assets under Basel III bank regulatory capital rules |  |  | |
| * Credit risk – Infrastructure loans | Choose an item. | Choose an item. | |
| * Credit risk – Securitised loans | Choose an item. | Choose an item. | |
| * Market risk – Currency and Interest rate risk | Choose an item. | Choose an item. | |
| * Counterparty credit risk – in respect to hedging of currency or interest rate risk | Choose an item. | Choose an item. | |
| Treatment of infrastructure assets under Basel III bank liquidity rules |  |  | |
| * Liquidity coverage requirement | Choose an item. | Choose an item. | |
| * Net stable funding requirement | Choose an item. | Choose an item. | |
| Basel III leverage ratio | Choose an item. | Choose an item. | |
| Overall risk-based capital requirements (i.e. minimum, capital conservation buffer, SIB buffers, countercyclical buffers, other buffers) | Choose an item. | Choose an item. | |
| Large exposure and/or concentration risk limits for banks | Choose an item. | Choose an item. | |
| Applicable jurisdictional insurance regulation |  |  | |
| * Capital | Choose an item. | Choose an item. | |
| * Liquidity | Choose an item. | Choose an item. | |
| Applicable jurisdictional rules for pension funds |  |  | |
| * Concentration Limits | Choose an item. | Choose an item. | |
| * Investment composition / Diversification requirements | Choose an item. | Choose an item. | |
| Applicable jurisdictional rules for asset managers |  |  | |
| * Concentration Limits | Choose an item. | Choose an item. | |
| * Investment composition / Diversification requirements | Choose an item. | Choose an item. | |
| Regulatory reforms in respect to availability and/or cost of hedging tools for market-related risks |  |  | |
| * Central clearing requirement for derivatives | Choose an item. | Choose an item. | |
| * Margin requirements for derivatives | Choose an item. | Choose an item. | |
| * Derivatives trade reporting and disclosure requirements | Choose an item. | Choose an item. | |
| * Leverage ratio | Choose an item. | Choose an item. | |
| **14. Through which channels do the regulatory elements listed in question 13 impact the volume or pricing of your infrastructure activities?** | | |
| Click here to enter text. | | |

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| **15. In your view, is the current regulatory environment clear and stable enough to allow your firm to take long-term financing decisions on infrastructure projects?** | | |
| Yes |  | Please describe the major sources of uncertainty: |
| Somewhat |  | Click here to enter text. |
| No |  |
| No opinion |  |

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| **16. Are there other relevant factors that have not been mentioned determining investment decisions and the pricing of projects, and how have they changed over the last 10 years/how are they expected to change over the next 5 years?** |
| *Last 10 years:* |
| Click here to enter text. |
| *Next 5 years:* |
| Click here to enter text. |

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1. Please see <https://datahelpdesk.worldbank.org/knowledgebase/articles/906519-world-bank-country-and-lending-groups> for a definition of the regions. [↑](#footnote-ref-1)
2. See classification by the World Bank (<https://datahelpdesk.worldbank.org/knowledgebase/articles/906519>). [↑](#footnote-ref-2)
3. The classification of financing instruments is informed by [OECD (2015), Infrastructure Financing Instruments and Investments](http://www.oecd.org/g20/topics/financing-for-investment/Infrastructure-Financing-Instruments-and-Incentives.pdf). [↑](#footnote-ref-3)