



Quantifying Risk, Enabling Opportunity.

Infrastructure investment for Insurance companies

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Date: 12/05/2020

Version: v.1.0

CONTENTS

| Contents | page no. |
|---|-----------------|
| Infrastructure Investment: An introduction | 3 |
| Regulatory requirements | 5 |
| Asset examples | 7 |
| Principal investment risks | 8 |
| Matching adjustment: Impacts on liabilities | 9 |
| COVID-19 impact on infrastructure investment | 10 |

Infrastructure Investment: An introduction

SAM & Solvency II definition

SII

Infrastructure refers to the fundamental facilities serving a country, city, or area, including the services and facilities necessary for its economy to function. Infrastructure assets includes physical assets, structures or facilities, systems and networks that provide or support essential public services.

SAM

Infrastructure asset: The physical structures or facilities, systems and networks that provide or support essential public services subject to meeting the requirements set out in FSI 4.1
(*Market Risk Capital Requirement*).

Benefits

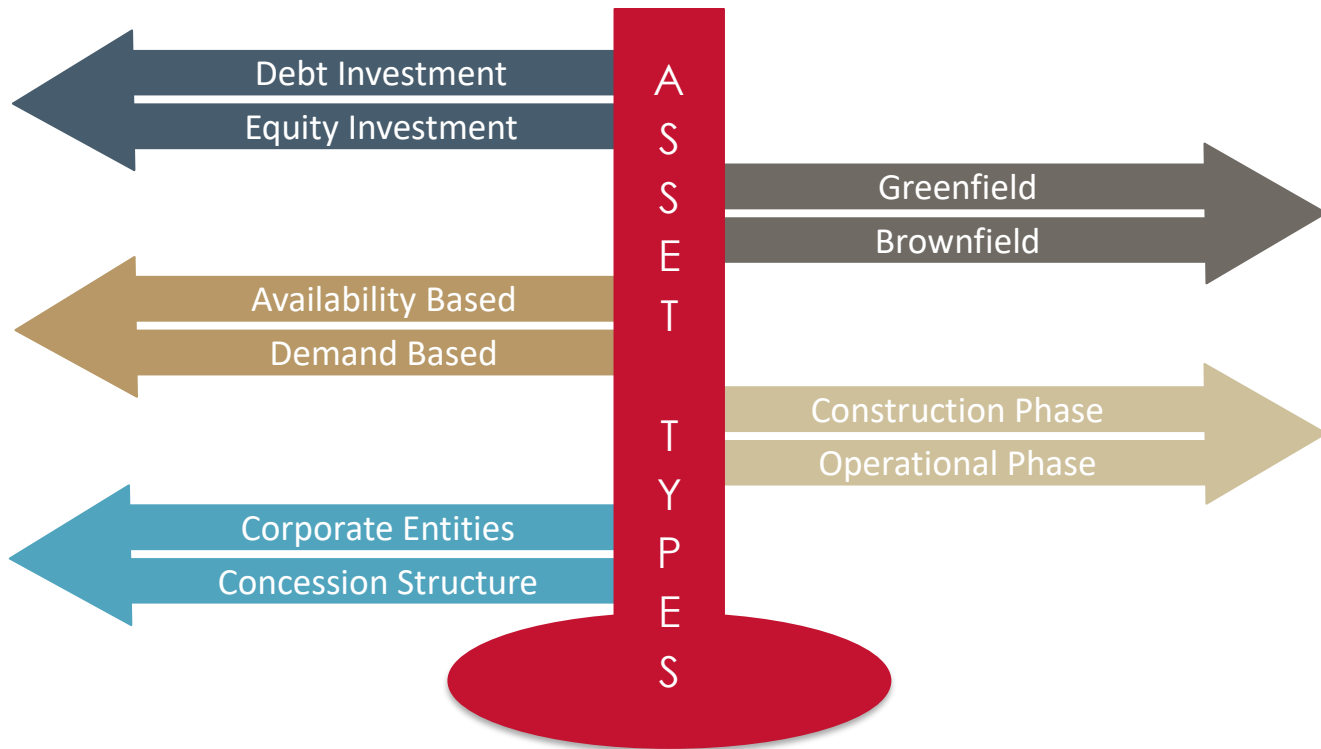
Illiquidity + sector-
diversity →
diversification

Potentially
lucrative risk-
adjusted ROE

Long-term risk
exposure →
matching benefits

Lend to sectors in need
of funding → social +
potential reputational
benefits

Infrastructure Investment: An introduction



Regulatory requirements

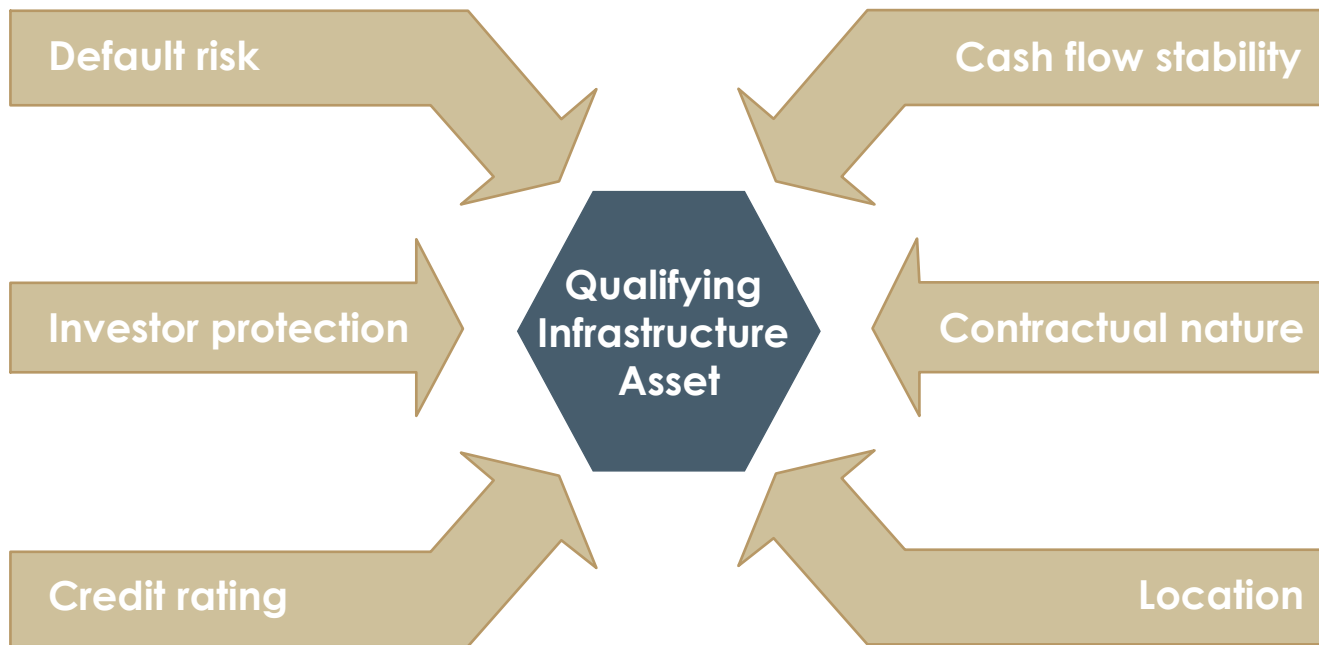
South Africa

- ▶ Recent amendments to Regulation 28
 - ▶ Explicit infrastructure investment definition
 - ▶ Update to asset class limits to encourage infrastructure investments
- ▶ Infrastructure assets defined under SAM
 - ▶ Infrastructure assets under SAM receive lower capital charges for spread and equity risk

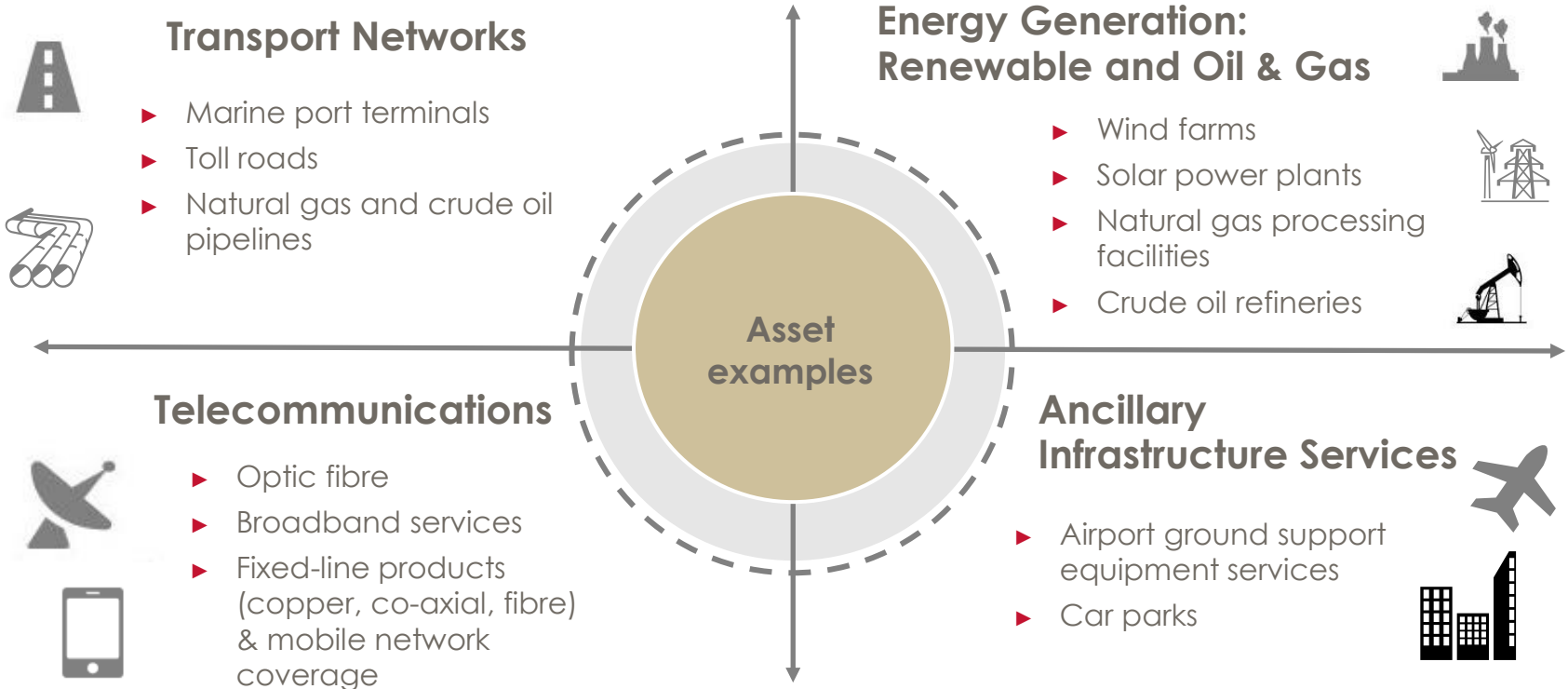
Europe

- ▶ “Qualifying” infrastructure investments receive less punitive capital treatment
 - ▶ Requires demonstration of variety of characteristics to ensure particular infrastructure credit is appropriate
 - ▶ Roughly between 25% and 33% reduction in spread capital requirement for qualified infrastructure debt depending on specifics
- ▶ Insurers may have significant exposure to illiquid debt which often includes infrastructure credit exposure
- ▶ Use of matching adjustment under Solvency II also drives appetite for illiquid assets in portfolios backing annuities
- ▶ Private Public Partnerships (PPPs) commonly used for variety of public infrastructure transactions

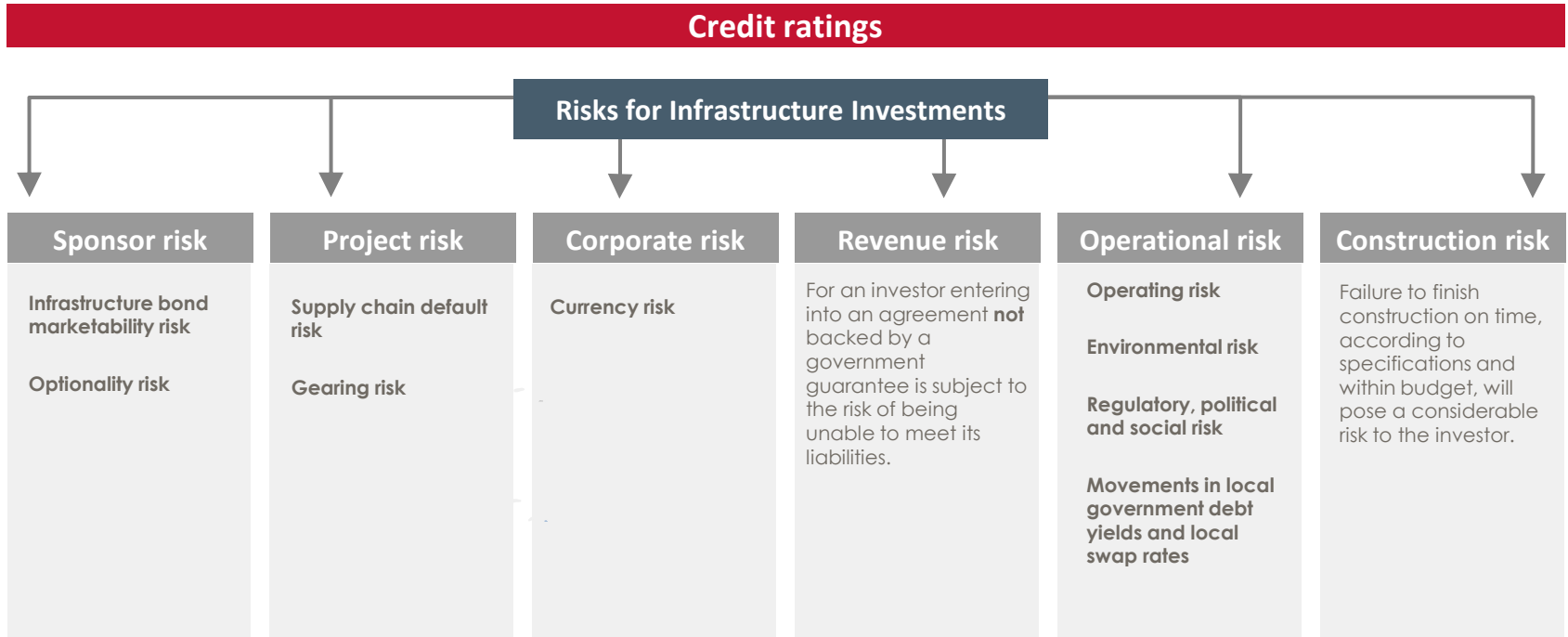
Regulatory requirements: Qualifying criteria



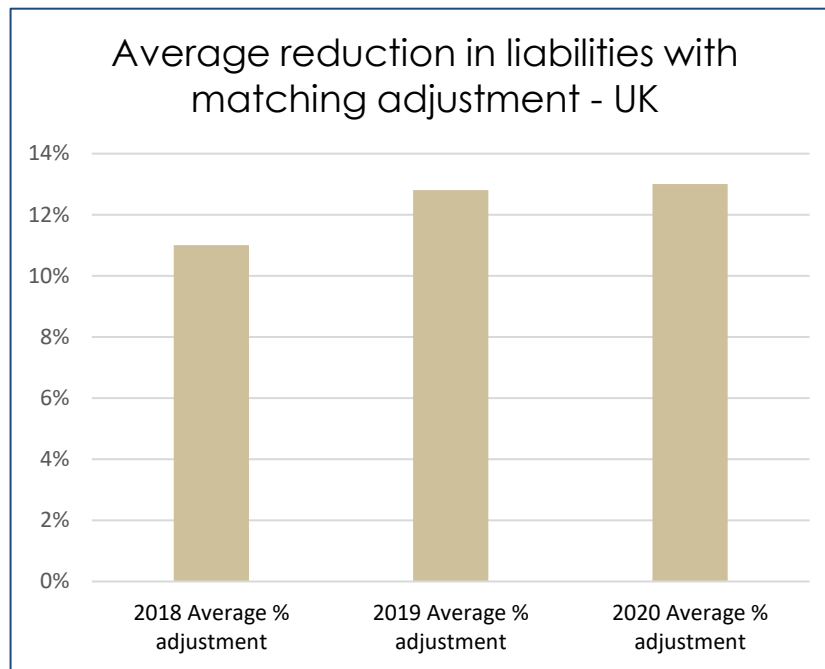
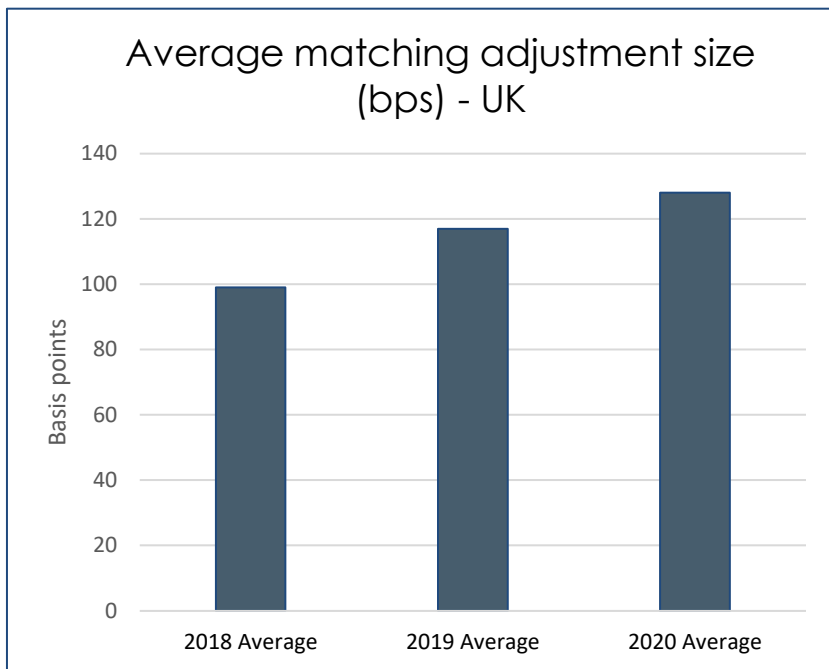
Asset examples



Principal investment risks



Matching adjustment: Impacts on liabilities





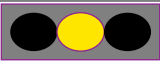


COVID-19 impact on infrastructure investment: Poll Question

Which sectors out those listed below, do you believe will have the most negative impact due to COVID-19?

- A. Telecommunications
- B. Hospitals
- C. Defence
- D. Transport

COVID-19 impact on infrastructure investment

- ▶ Financial markets more volatile
- ▶ Governments released large amounts of sovereign finance to address short-term issues.
- ▶ COVID-19 triggered a reshuffling of investment priorities for governments and investors globally
- ▶ Performance of infrastructure assets is likely to vary by sector, a few examples are listed below:

| Infrastructure Sector | Level of impact |
|-----------------------|--|
| Transport |  |
| Renewable energy |  |
| Hospitals |  |
| Defence |  |
| Telecommunications |  |

