



Financing A Sustainable
Future While Bridging The
\$2tn Annual Infrastructure
Investment Funding Gap

Webinar

10:00am (UK) on Tuesday, 15 December 2020







A Word From Today's Chairman



Professor Michael Mainelli

**Executive Chairman** 

Z/Yen Group















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# Agenda

10:00 – 10:05 Chairman's Introduction

10:05 – 10:30 Keynote Address - Mark Worrall

10:30 – 10:45 Questions & Answers







Financing A Sustainable
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Investment Funding Gap



Mark Worrall

Chief Executive

EIX





Mark Worrall – *Chief Executive Officer*Estates and Infrastructure Exchange



Financing a Sustainable Future While Bridging The USD2tn Annual Infrastructure Investment Funding Gap

#### An opening poll



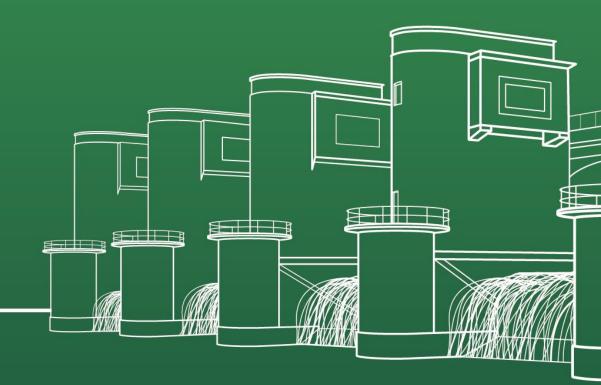
If 'global equities' is the most important asset class for asset managers, what is second?

- a) Corporate bonds
- b) Infrastructure
- c) Private equity
- d) High quality equities



World Economic Forum – April 2019

"The world is facing a USD15 trillion infrastructure funding gap by 2040"







Market background



"EIX was created to be the leading global exchange for Infrastructure, providing our clients with liquidity and pricing transparency. It focuses on operational resilience, affordability of Infrastructure, the deployment of new technology & data with world-class partners and delivering sustainability"

Mark Worrall, Founder & CEO, Estates & Infrastructure Exchange (EIX)

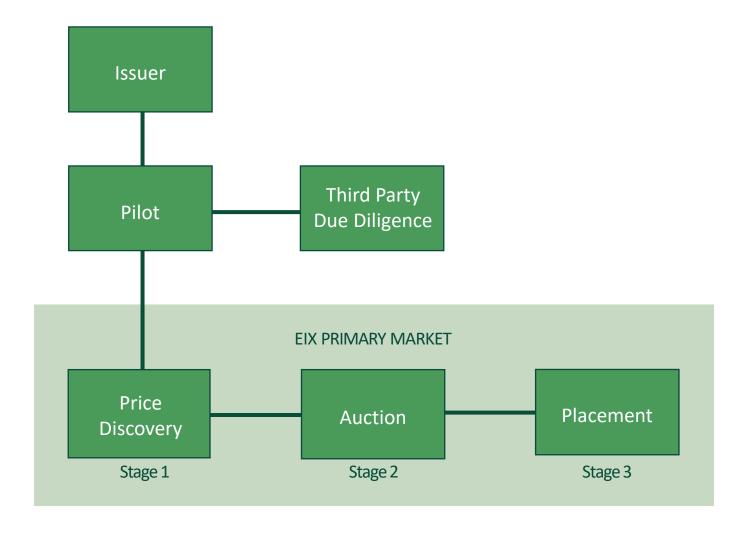




EIX story



## **EIX Primary Market process**









In the first of its kind, Estates and Infrastructure Data seeks to capitalize on the harvesting of holistic cross-sector infrastructure project data, supporting the capture, standardisation, transformation and provision of analytics throughout the lifecycle of an infrastructure project

Exchanges typically derive 35%+ of their value from Data Revenues

#### EIX Data: Our Product Roadmap

• EIX Universal Identifiers

Data Quality

Framework

Initial Design

Information

Maps

#### **INFRASTRUCTURE Data Model Design and Verification Selected by Amazon** DATA® · Market Verification Selected as one of Fifteen Data Source Identification innovative Company Projects to Data Models collaborate to build solution **EIX Automation Launch** Launch MVP2 **Partnerships** Scale UP **Classification Codes** Cloud Architecture Design Continuous Launch worlds fully Initial Data Initial World • Definition of *Classification Codes* Sessions automated funding Procurement API Improvement Customers Origination of Schema New Products application facility UI Intelligence Information Modelling **MVP2** Development and Services EIX Indices • World Procurement New Markets Datasets Finance Datasets 2021 2019 **Patent** Sentiment Analytics Tools **Process** 2020 2022 **MVP2 API Development Development and Patent** Fully developed API, with full documentation Processes Modelling / analytics tools within the GUI and API Schema Early Prototype MVP1 **EIX Data Framework UI** Design Market Validation EIX Taxonomy for Identified and Proof of Concept Validated Construction and Infrastructure Product Information Requirements **EIX Automation - Smart Grant** Testing of Data EIX Impact Assessment Correlated Data **Continuous Development** • Development of a Scalable, **User Test Groups** Cleansing Indicators Methodology Advanced analytics, AI / ML (Bayes, Decision Tree, Forest) Globally Accessible user based

system to allow infrastructure

structured, verified as accurate

projects to be created,

for Funding

ESTATES AND

Forecasting and prediction tools

Integrate private procurement data-sets

Integration of standardised project performance data

Access to Asia, South America and Africa procurement data

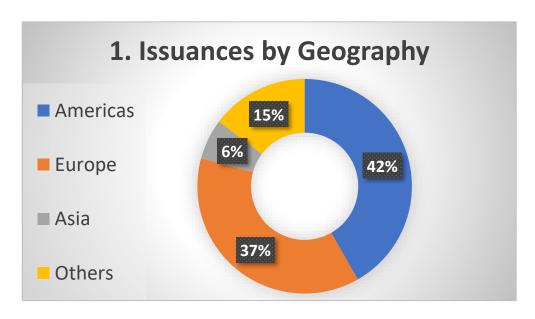


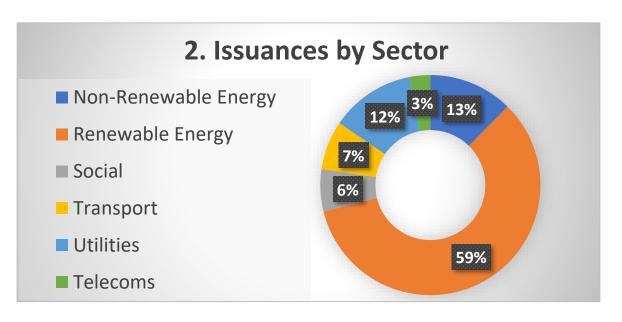
Pipeline and geography

#### Market Opportunity by Geography and Sector



- In 2018-2019, infrastructure Project Bond volumes reached over USD90BN as investors increasingly looked to
  established infrastructure markets and the greater number of core/core-plus opportunities in North America and
  Europe
- The majority of Project Bonds were issued to develop power projects, many of which (59%\*) were renewables
- Chart 1 represents the geographical split of project bonds globally and chart 2 represents the issuances by sector





<sup>\*</sup> Source: 2019 Prequin Global Infrastructure Report

#### A final poll



What is the most important benefit asset managers expect from ESG investments?

- a) Lower portfolio volatility
- b) A defensive portfolio targeting fat-tail/far-off risks
- c) Doing well financially and doing good socially
- d) Good risk-adjusted long-term returns
- e) Diversification



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## **QUESTIONS & DISCUSSION, ANSWERS?**

















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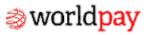






































### THANK YOU FOR WATCHING

#### **Forthcoming Webinars**

Wednesday 16 Dec (12:00)
<u>Looking Ahead To 2021: Moving Beyond Brexit In Financial Services Regulation</u>

> Thursday 17 Dec (08:30) Healthcare Investment And Collaboration Between China & Europe

> Thursday 17 Dec (15:00) What If? Future Banking Failure Resolution – The UK As A Case Study

> Monday 21 Dec (15:00) The Future Of Ageing Societies Will Be Nothing Like The Past

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