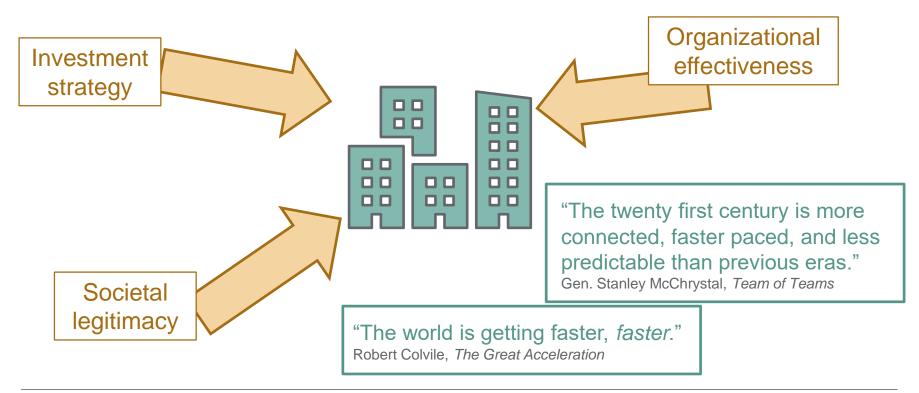
# New investment models for a changed world

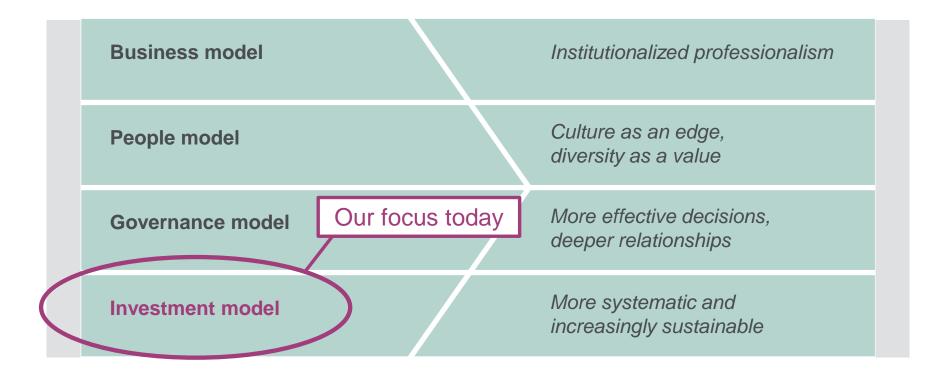
Toronto breakfast | September 19, 2019



Thinking Ahead Institute Willis Towers Watson Backdrop: the industry is being challenged on multiple fronts



# The response involves shifts in all aspects of the organization



- 1. I am **familiar** with this topic, and **positive** about its value **18%**
- 2. I am **familiar** with this topic, and **neutral** about its value **0%**
- 3. I am **familiar** with this topic, and **negative** about its value **0%**
- 4. I am moderately familiar with this topic, and **positive** about its value **45%**
- 5. I am moderately familiar with this topic, and **neutral** about its value **9%**
- 6. I am moderately familiar with this topic, and **negative** about its value **9%**
- 7. I am unfamiliar with this topic 18%

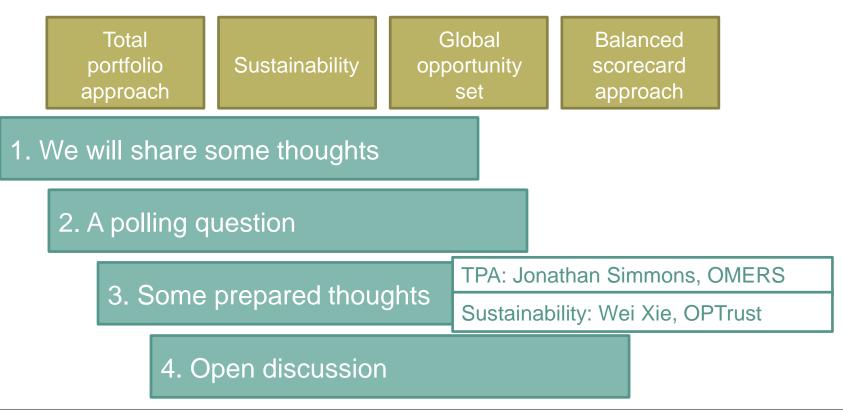
- 1. I am **familiar** with this topic, and **positive** about its value **55%**
- 2. I am **familiar** with this topic, and **neutral** about its value **27%**
- 3. I am **familiar** with this topic, and **negative** about its value **0%**
- 4. I am moderately familiar with this topic, and **positive** about its value **18%**
- 5. I am moderately familiar with this topic, and **neutral** about its value **0%**
- 6. I am moderately familiar with this topic, and **negative** about its value **0%**
- 7. I am unfamiliar with this topic 0%

The evolution of the global investment opportunity set

- 1. I am **familiar** with this topic, and **positive** about its value **36%**
- 2. I am **familiar** with this topic, and **neutral** about its value **27%**
- 3. I am **familiar** with this topic, and **negative** about its value **0%**
- 4. I am moderately familiar with this topic, and **positive** about its value **18%**
- 5. I am moderately familiar with this topic, and neutral about its value 18%
- 6. I am moderately familiar with this topic, and **negative** about its value **0%**
- 7. I am unfamiliar with this topic 0%

- 1. I am **familiar** with this topic, and **positive** about its value **25%**
- 2. I am **familiar** with this topic, and **neutral** about its value 8%
- 3. I am **familiar** with this topic, and **negative** about its value **0%**
- 4. I am moderately familiar with this topic, and **positive** about its value 25%
- 5. I am moderately familiar with this topic, and neutral about its value 17%
- 6. I am moderately familiar with this topic, and **negative** about its value **0%**
- 7. I am unfamiliar with this topic 25%

#### **Structure of discussions**



#### The total portfolio approach

Total portfolio approaches cover a spectrum of approaches with three broad characteristics:

- they are dynamic they operate in real-time governance
- they start with goals very clearly specified investment goals
- they employ one joined-up process a competition for capital amongst all investment opportunities
- Three primary areas of advantage over traditional SAA



#### The total portfolio approach

- The key challenges are governance-related:
  - the board's relationship to the strategic asset allocation
  - how do you monitor progress and measure success?
  - scale, resourcing and specialization

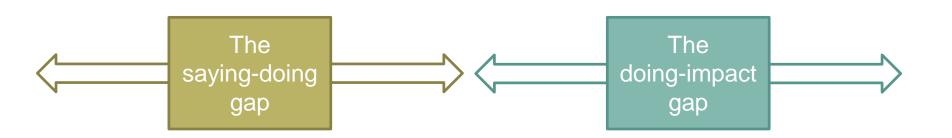
The total portfolio approach will become more important in the next 5-10 years (better understood, more influential, better implemented, more widely accepted, more widely adopted)

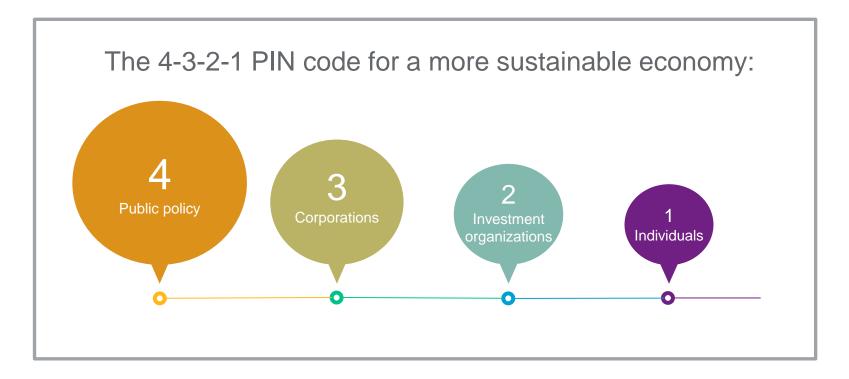
- 1. Strongly agree 23%
- 2. Agree 54%
- 3. Neutral 15%
- 4. Disagree 8%
- 5. Strongly disagree 0%

The total portfolio approach

## Suggested discussion areas:

- A better understanding of objectives
- Governance blocks
- Mindset and culture
- Data and risk challenges
- Sustainability in the context of TPA





#### DEFINE YOUR GOALS

Get strategic clarity on purpose, mission, values and goals and then build beliefs

2 UNDERSTAND YOUR BOUNDARIES Which stakeholders is value being created for and f which is it being destroyed?

MEASURE YOUR IMPACT

3

Δ

5

UNDERSTAND THE VALUE CREATED Improve your decision-making, build your narrative

COMMUNICATE! Be transparent by reporting on the value created



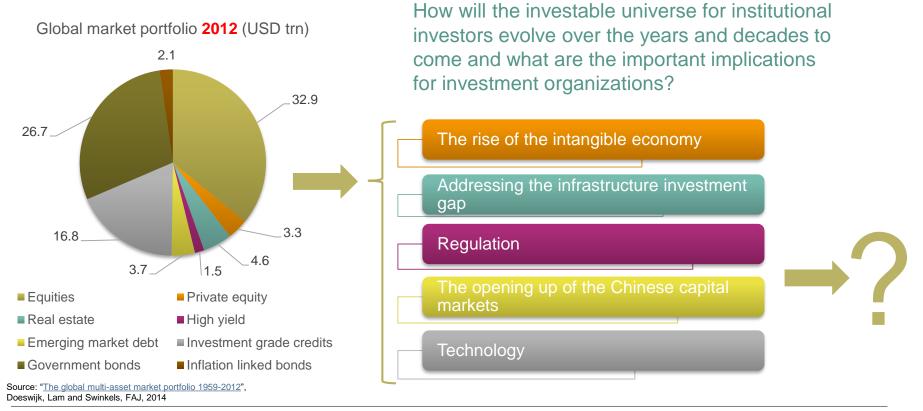
The investment industry has a social duty to do a better job of stewardship, to create a better-functioning market and a more sustainable economy

- 1. Strongly agree 20%
- 2. Agree 60%
- 3. Neutral 20%
- 4. Disagree 0%
- 5. Strongly disagree 0%

# Suggested discussion areas:

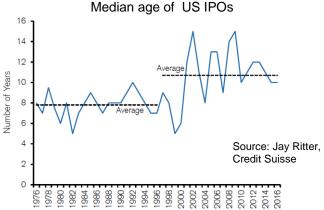
- Purpose: what is our responsibility for our impact?
- The value creation boundary
- Stewardship
- Standards
- Fiduciary constraints
- Sustainability beliefs
- Communicating value created
- Data constraints fixable/non-fixable

## The evolution of the global investment opportunity set



#### The evolution of the global investment opportunity set

Public and private markets Is becoming a public company a *need* or simply a *choice* for businesses reaching certain scale but still wanting to grow?



The opening up of China Supply. Demand. What is different about China? Which future paths are more (and less) likely?



#### The balanced scorecard approach

#### Kaplan and Norton key concepts

- Balanced scorecards translate a series of coherent performance measures into a common goal'
- '..while the multiplicity of measures may seem confusing, scorecards contain a unity of purpose'

#### **Balanced Scorecards applied to investment**

- Performance should not be 'dumbed down' to one measure
- Balanced scorecards can integrate soft (process) and hard/outcome concepts
- Relevant to managers, consultants and trustees/sponsors

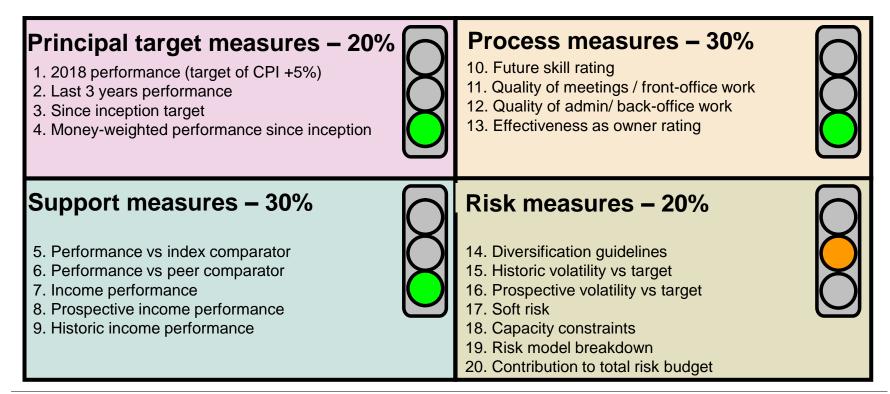


The measure is incompatible with goals. This requires more detail and discussion.

The compatibility of the measure is open to question. This measure needs to be monitored closely.

The measure is compatible with goals. No further scrutiny may be necessary.

Tell me not what you know, but what I need to know



#### Balanced scorecard for monitoring value creation

	Financial metrics	Non-financial metrics
Value creation is an increase	in the stock of monetary and non-monetary resources	
Human		Improvements in employees' skills and motivations to innovate; increased alignment with company purpose
Intellectual		Improvements in knowledge-based intangibles such as intellectual property, protocols and systems
Social and relationship		Improvements in the organisation's relationships with other stakeholders; the ability to share information to enhance the organisation's and collective well-being
Natural		Improvements in environmental resources and processes that support the prosperity of the organisation (eg bio-diversity land, health of the investment ecosystem)
Manufactured		Improvements in physical objects used in the production of services (eg technological infrastructure, office space)
Financial	Margin/growth; return on capital / cashflows	
used to create future wealt	h and well-being for stakeholders	
Shareholders	Increased return on capital; continued authorisation to operation; minimization of regulatory breaches	Improved trust and transparency
Employees	Fair and transparent pay; competitive benefits	Autonomy; sense of belonging / collegiate atmosphere; training to improve skills
Customers	Compounded wealth; longevity protection; conversion of wealth to consumption	Risk management; financial planning; trust built (enter hopeful / exist satisfied)
Other investment firms	Mutual financial benefits due to the development of long-term relationships (eg more efficient payment transfer systems)	Participation in networks to promote and improve industry improving social licence to operate
Government	Ability to pay taxes; adhere to, or improve on, regulations/guidance	Good citizenship: government viewed as a value-adding partner (regulation, apprentice schemes, social safety net)
Society	Minimisation or recovery of externalities	Maintenance of social licence to operate (may also lead to financial outcomes)
Planet	Minimisation or recovery of externalities	Improved environmental handprint

Thinking Ahead Institute

WillisTowers Watson

# Balanced scorecards can significantly enhance asset owners' ability to understand and manage their progress

- 1. Strongly agree 18%
- 2. Agree 55%
- 3. Neutral 27%
- 4. Disagree 0%
- 5. Strongly disagree **0%**

The balanced scorecard approach

## Suggested discussion areas:

- Is the payoff worth the effort?
- How much are they used?
- Governance issues
- Should we advocate for greater use?

#### What have we learned?

#### About...

Investment strategy

Societal legitimacy

Organizational effectiveness

About...

The total portfolio approach, the advantages and the governance implications

Value creation, the doing-impact gap and the effectiveness of sustainability activity

The evolution of the investment opportunity set and what this means for investors

The balanced scorecard approach, the advantages and the barriers to adoption

#### Limitations of reliance

#### Limitations of reliance – Thinking Ahead Group 2.0

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