



# 23rd XBRL International Conference

“XBRL: Enhancing Business Performance”

25-27 October 2011

Montreal, Quebec, Canada

Streamlining IFRS reporting with XBRL

Climate Change Reporting Taxonomy - A step forward towards integrated reporting

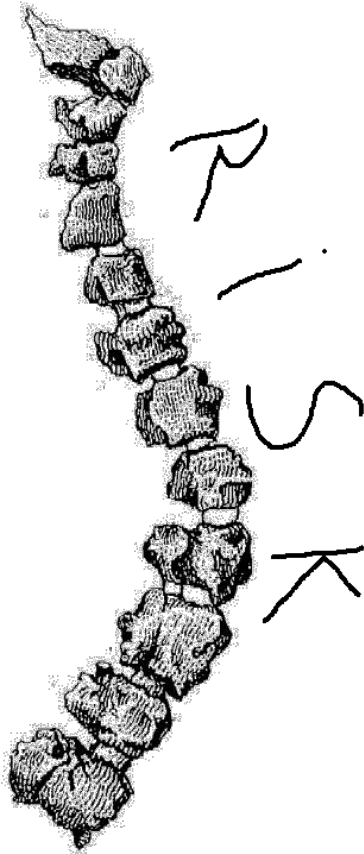
Pedro Faria, 26/10/2011

# Overview

1. Climate Change disclosure - current status
2. Climate Disclosure Standards Board:
  - Standardization needs
  - CDSB XBRL initiative
3. Climate Change Taxonomy & Integrated Reporting

# Climate Change Disclosure – 1

FINANCE



**Assessment and  
transparency of risks  
across the board helps  
to prevent systemic  
risks to the global  
financial (& economic)  
system**

# Climate Change Disclosure – 2

## Who requests information on climate change ?



- **Regulators** (financial, securities, environment, energy governance, business)
- **Stock Exchanges**
- **Standard setters**
- **Non-government organizations**
- **Private sector groups and professionals**
- **Rating agencies**
- **Investors**
- **Consumers**

# Climate Change Disclosure – 3

- **142 country standards & laws on sustainability in 30 countries**  
(Source – KPMG “carrots and sticks report 2010)
- **30 major schemes focused on GHG reporting** (Source – ERM report for EC “Company GHG Emissions Reporting”, 2010)
- **Laws, codes, trading schemes, guidance, best practice, etc**



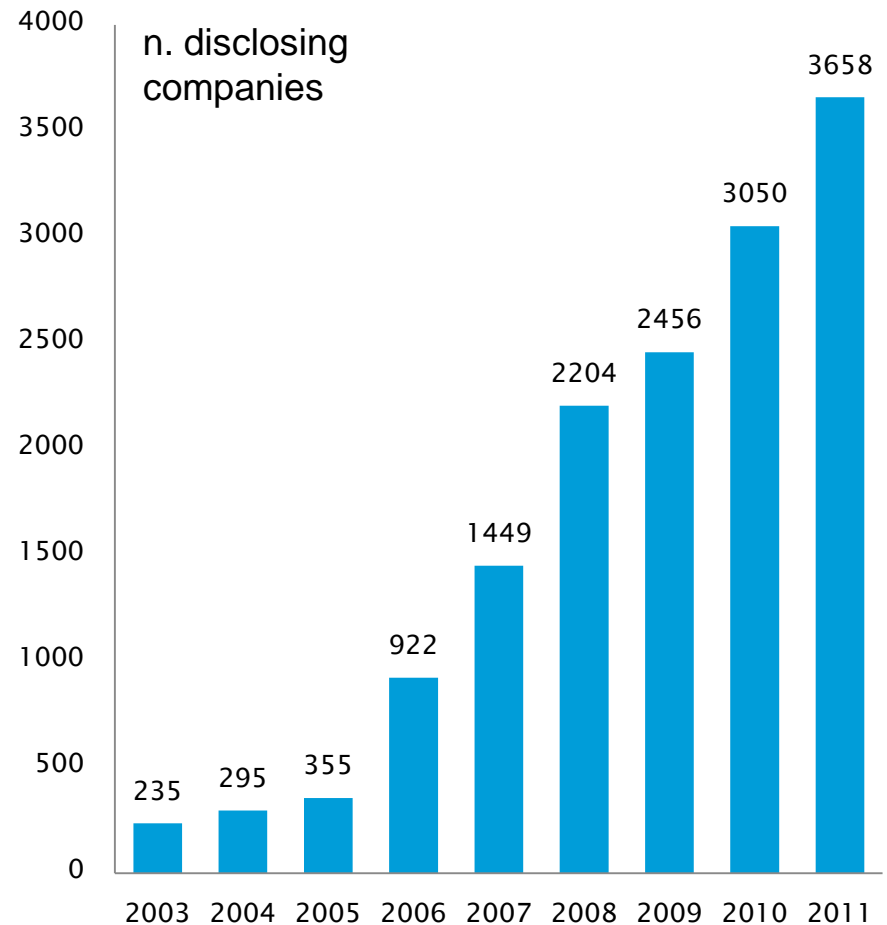
**Regulatory  
patchwork**



# Climate Change Disclosure – 4

## CARBON DISCLOSURE PROJECT

**Accelerate solutions to climate change and water management by putting relevant information at the heart of business, policy and investment decisions.**



# Climate Change Disclosure – 5

## Data collection

### CARBON DISCLOSURE PROJECT

551 institutional investors

US\$71 trillion

5000 companies requested

3600 reporting companies

On-line Response System

**Microsoft**

## Data dissemination

### CARBON DISCLOSURE PROJECT

Website

accenture

Reporter Services (BIOD)



Reports



MSCI  
ESG Research



Bloomberg

CSRHUB™



# Climate Disclosure Standards Board (CDSB)



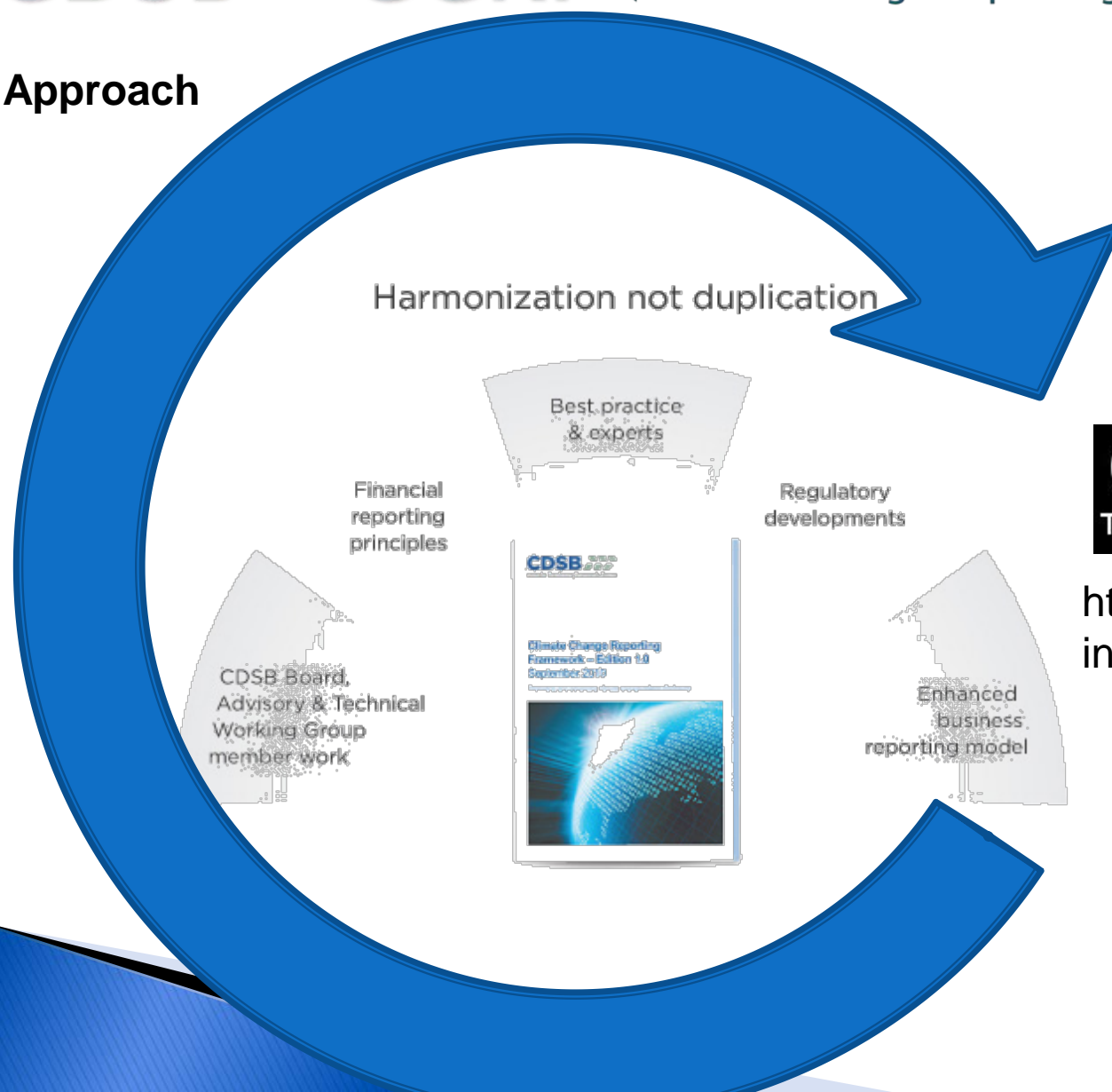
Created at WEF Davos (2007), Secretariat provided by CDP

**Mission: promote and advance standardized disclosure of climate change-related information in mainstream reports**



# CDSB – CCRF (Climate Change Reporting Framework)

## Approach



**Collaborase**  
The Catalyst for Collaboration

<http://www.cdsb.net/get-involved/collaborase/>

# CDSB – CCRF (Climate Change Reporting Framework)

## Objectives

- Set out requirements for Climate Change disclosure on what and to what extent report
- Provide suitable criteria for assurance



Climate Change Reporting  
Framework – Edition 1.0  
September 2010

Promoting and advancing climate change-related disclosure



# CDSB – CCRF

(Climate Change Reporting Framework)



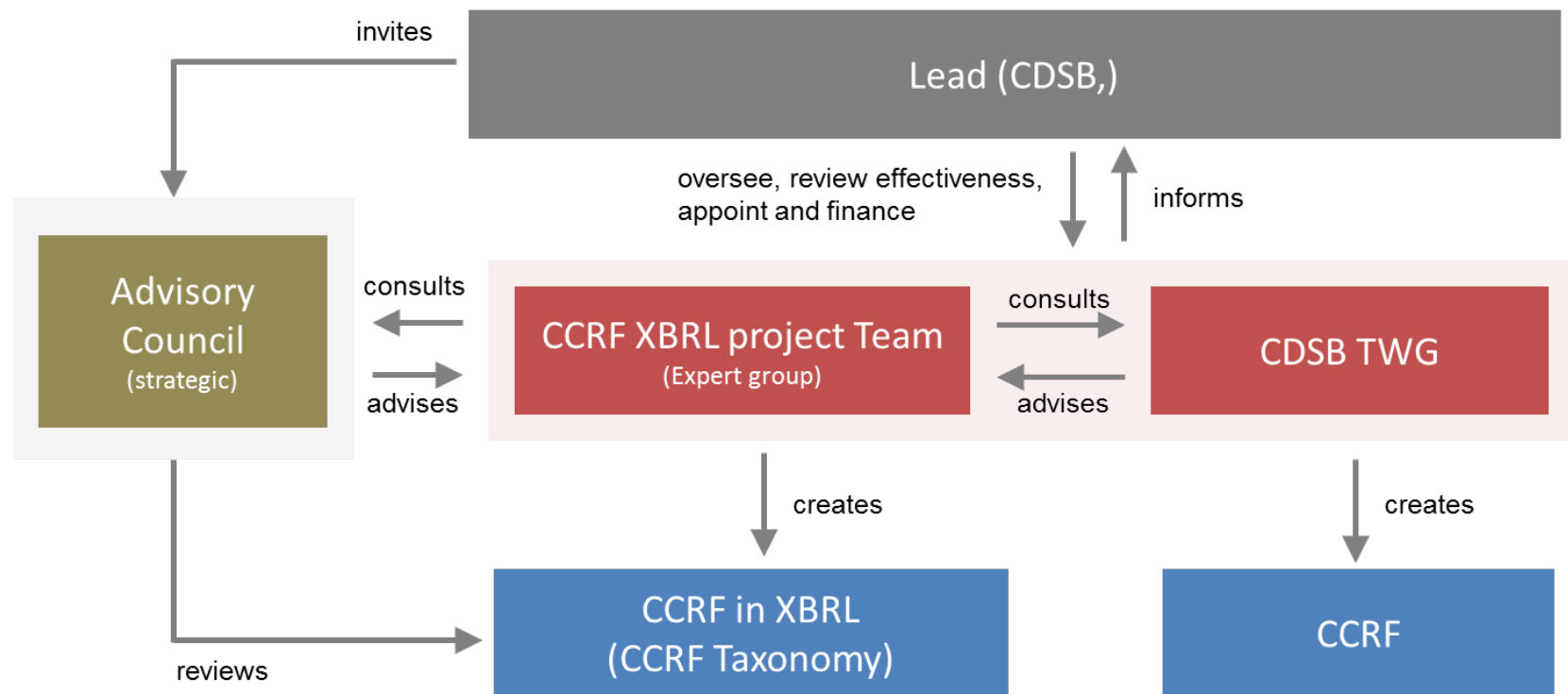
- Restrict boundary options
- Align boundary and consolidation approaches with financial accounting

# CDSB – XBRL – 1



## XBRL

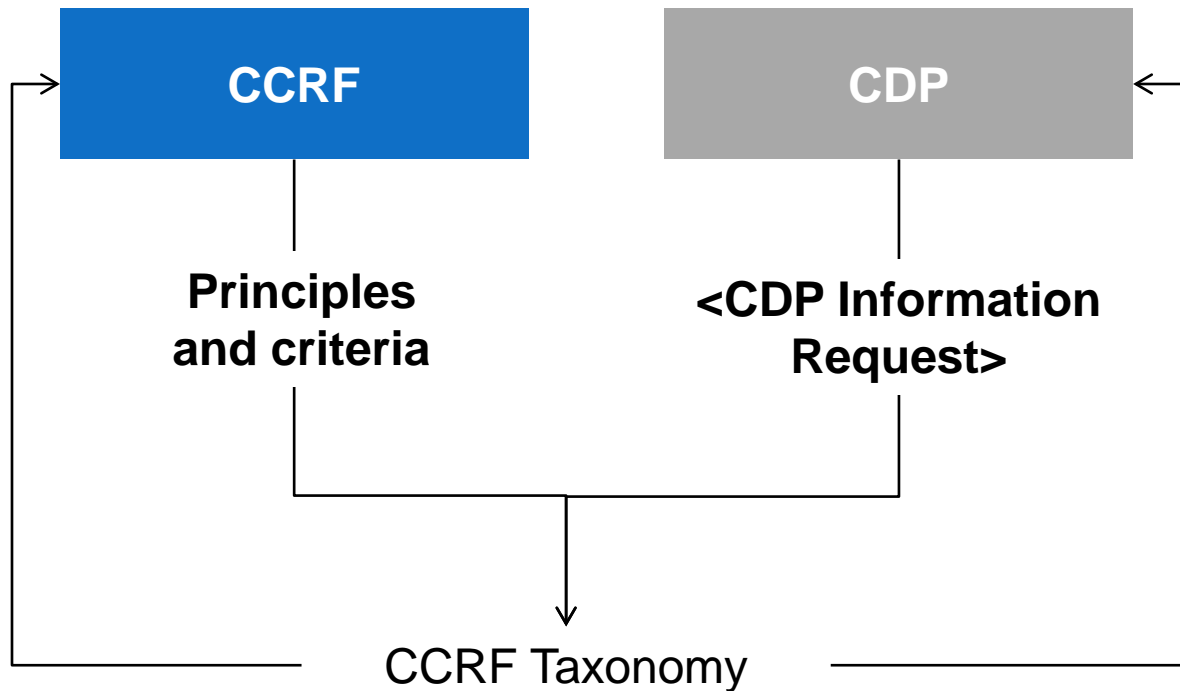
# CDSB – XBRL – 2



Adapted from IFRS



# CDSB – XBRL – 3



**~300 data points**

**~100 validation rules**

**“Leading” data points**

**ITA compliant**

# CDSB – XBRL – 4

## Challenges:

1. Long term resourcing and update of taxonomy
2. Adoption

# CDSB – XBRL – 5

**Publicly available:**



**+ XBRL**

**CARBON DISCLOSURE PROJECT**

# Integrated Reporting

## System thinking

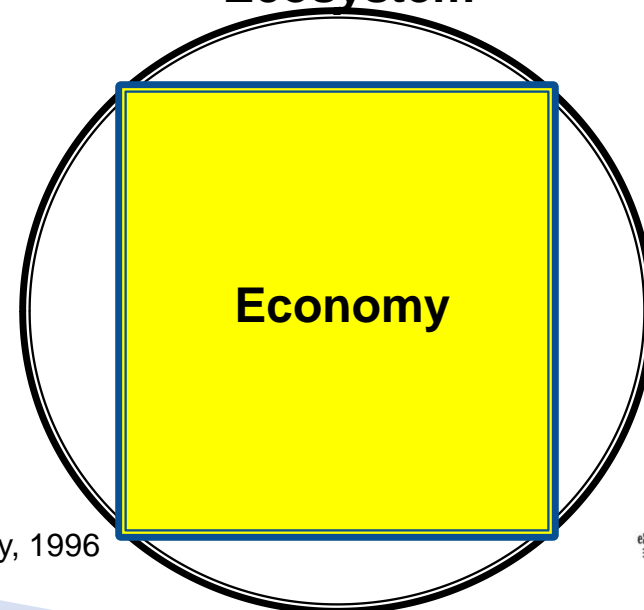
(Jay Forrester, Dennis and Donella Meadows)



Sustainability solutions require System thinking

**SUSTAINABILITY IS THE MAIN STRATEGIC  
ISSUE OF 21<sup>st</sup> CENTURY CORPORATION!**

Ecosystem



Daly, 1996

# THANK YOU!

[pedro.faria@cdproject.net](mailto:pedro.faria@cdproject.net)