

The background of the slide is a photograph of a glacier, showing large, jagged ice formations and a body of water in the foreground. A semi-transparent grid pattern is overlaid on the entire image. The main title is centered in the upper half of the slide.

# **ECONOMIC IMPACTS OF CLIMATE CHANGE**

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*Free*

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# TOPICS

- AS IS
- What is to be done?
- OPPORTUNITIES
- FAQ Re: Financial services
- FAQ Re: Finance function

AS IS



# AS IS...

1. A lot of coastal property and infrastructure is at risk.
2. Farms face a significant decrease in crop yields.
3. Energy costs are set to rise.
4. Expect more extreme heat.
5. Extreme weather will be the "new normal."





# AS IS...

6. Re-orientation towards low-carbon technologies and recurring sources of energy
7. Cities and civil society are conscious...!
8. New IMF Report: Creativity stimulation and corporate activity improvement
9. Capitalization of the “Copenhagen Green Fund “
10. New Stern report: Climate change initiatives favour the global economy

# AS IS: COMMENT

“What we ultimately need is not just investment in resiliency to adapt to the outcomes we know are coming ... We need strong policy action to prevent the very worst outcomes, and I think that takes action by national government and the private sector,” said report co-chair Henry Paulson, who was Treasury secretary under George W. Bush.



# WHAT IS TO BE DONE ?

1. **Greater disclosure should be required** from all companies, especially carbon emissions & business risks from climate change.
2. **Business leaders need to engage** with political leaders re climate change. Business leaders speaking out will make a difference.
3. **Governments should invest** more heavily in energy research.
4. **Developing economies should not use the same carbon-based model** as the developed world—we know how to do better & cleaner.
5. There should be a **cost attached to pollution**, as long as one doesn't exist, companies will continue to pollute



# WHAT IS TO BE DONE ?

- 6. US needs to **find common ground with China** on energy & the environment
- 7. **Long-term financial incentives** for businesses & investors are the best route to action on climate change.
- 8. Real action on climate change can only happen **with political action**. If young people don't see hope, we will hear from them via social discontent.
- 9. **Build better and cleaner** buildings, dams, transportation etc. Big infrastructure is not evil.
- 10. Inspire change by amplifying the long-term **benefits of clean energy** on the world's economies.



# OPPORTUNITIES



# NEW MODELS OF DEVELOPMENT

- There is a growing need for new Universal and local Models, as more emerging nations join the global economy.
- There is a growing demand of photovoltaic initiative, energy storage, intelligent network,
- There is a new paradigm in Business Process Management and Product Life cycle

# MOBILITY

- Efficient logistics and transportation systems are the lifeline that connects people, goods and services around the world.
- They affect our cities, how we travel, how goods are shipped and how effectively humanitarian aid can be delivered.
- As the world's markets continue to grow and interact, new sources of innovation are required to create more integrated solutions.

# S U S T A I N A B I L I T Y

- In today's ever-growing world, significant innovation in the production, delivery and consumption of water and energy is vital to our collective future.
- Improving access to these precious natural resources through responsible conservation and effective management –as well as embracing a culture of sustainability –are important goals for developed and developing nations alike.



An aerial photograph of a tropical beach. The water is a vibrant turquoise color, transitioning to a deeper blue further out. A small, dark boat is visible in the water. The beach is a light tan color, and a person can be seen walking on it. The sky is blue with some white clouds.

**FAQ**

**Re: Financial services**

**Re: Finance function**

# Re: Financial services

- Why are key economic sectors vulnerable to climate change?
- How does climate change impact insurance and financial services?
- Are other economic sectors vulnerable to climate change too?
- Will discount factors change?



# Re: Finance function

## Climate change poses a significant risk to their organisation!

- We have started to bring our thoughts on to climate change, but only for new business. How can we pull such issues to the front seat?
- Will the organisation and its people commit to a rounded and forward thinking view of climate change? And will they see the value in applying management accounting skill?
- A key barrier to taking climate change seriously is the need for discipline and robustness around the measurement of the problem. How can the finance function bring to the issue?
- How can finance professionals be more deeply embedded in climate change policy implementation?





**NEW FUTURE**

**WELCOME TO THE PHILIPPINES**