

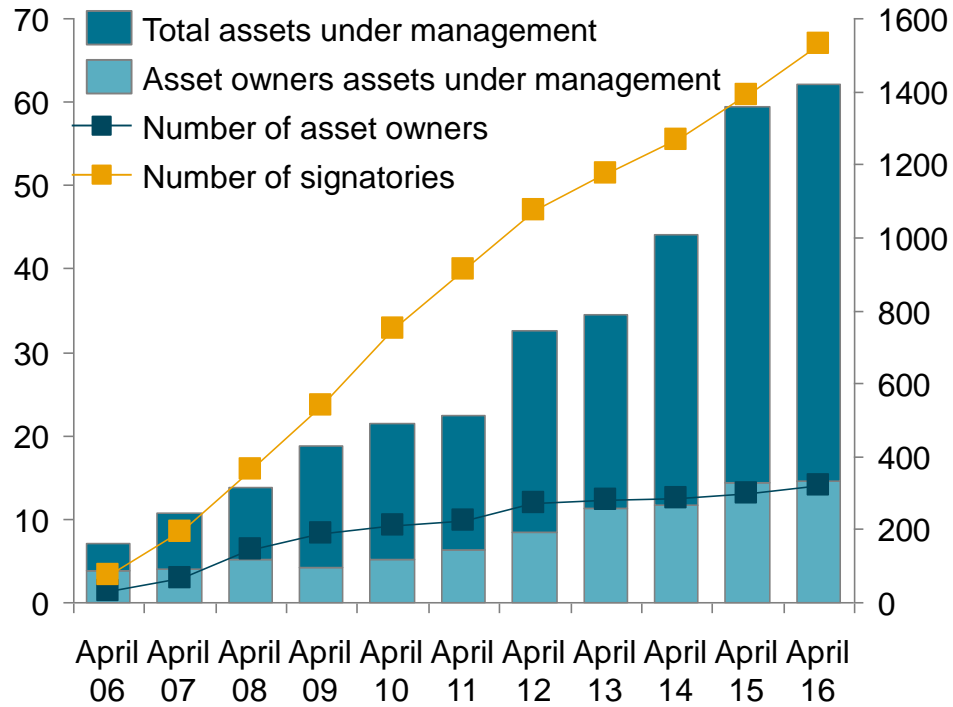
# Green Finance: Good progress but we need more

50<sup>th</sup> ICMA Annual Meeting  
Margaret L. Kuhlow  
1 June 2018

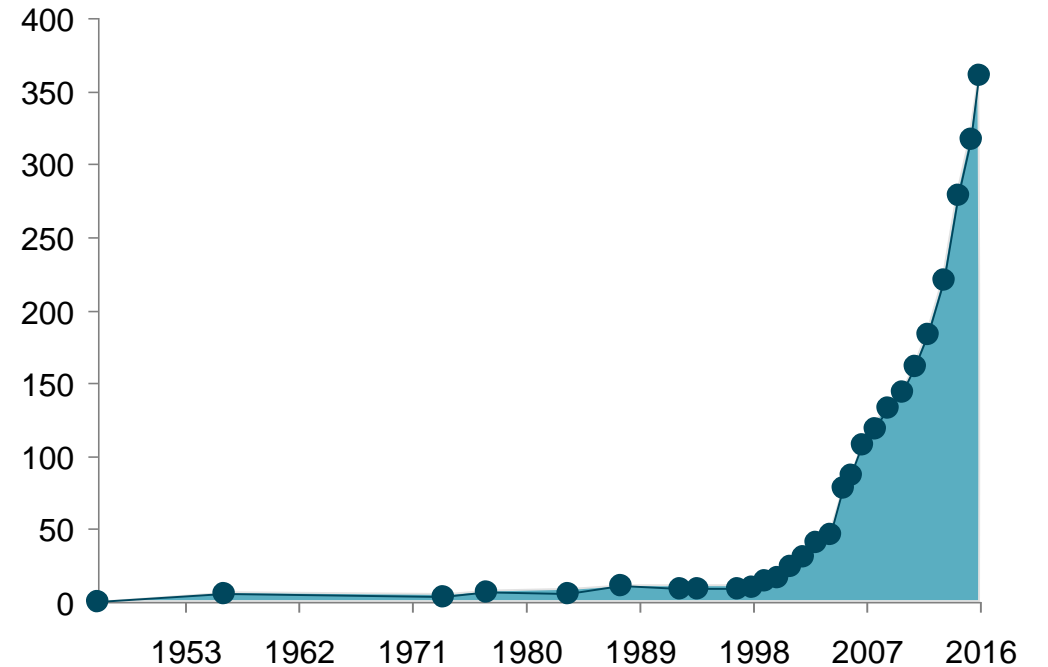


# Momentum is growing in sustainable finance

The PRI has grown consistently since it began in 2006



Number of policy interventions per year<sup>1</sup>



Source: PRI responsible investment regulation database  
 1. Counting individual revisions separately



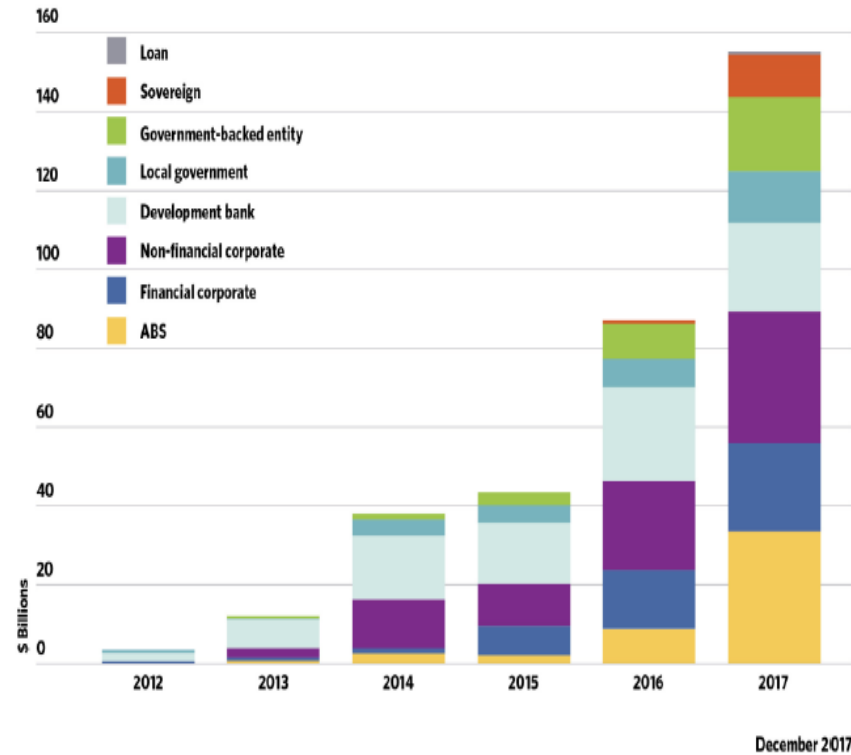
# Green financial tools are gaining traction



Green Loan Principles



The labelled green bond market is growing rapidly



## 2017 in numbers

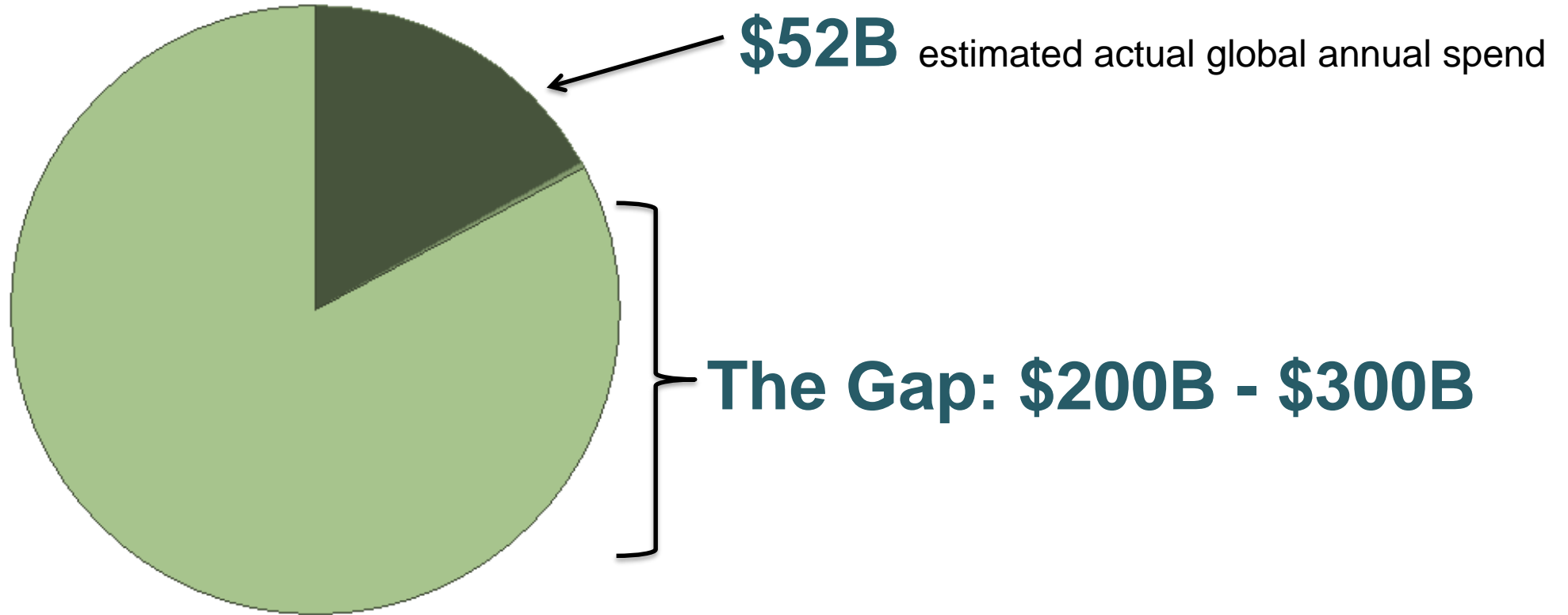
- USD155.5bn – total green bond issuance
- 78% growth on 2016<sup>iii</sup>
- 1500+ issues
- 37 countries of issuance on all 6 continents
- 239 different issuers
- 146 new issuers
- USD10.7bn – largest single green bond
- 3 sovereign green bonds

Source: Climate Bonds Initiative, January 2018



It's a good start, but the financing gap is big...

**\$300B- 400B** estimated global annual spend required to protect earth's natural capital



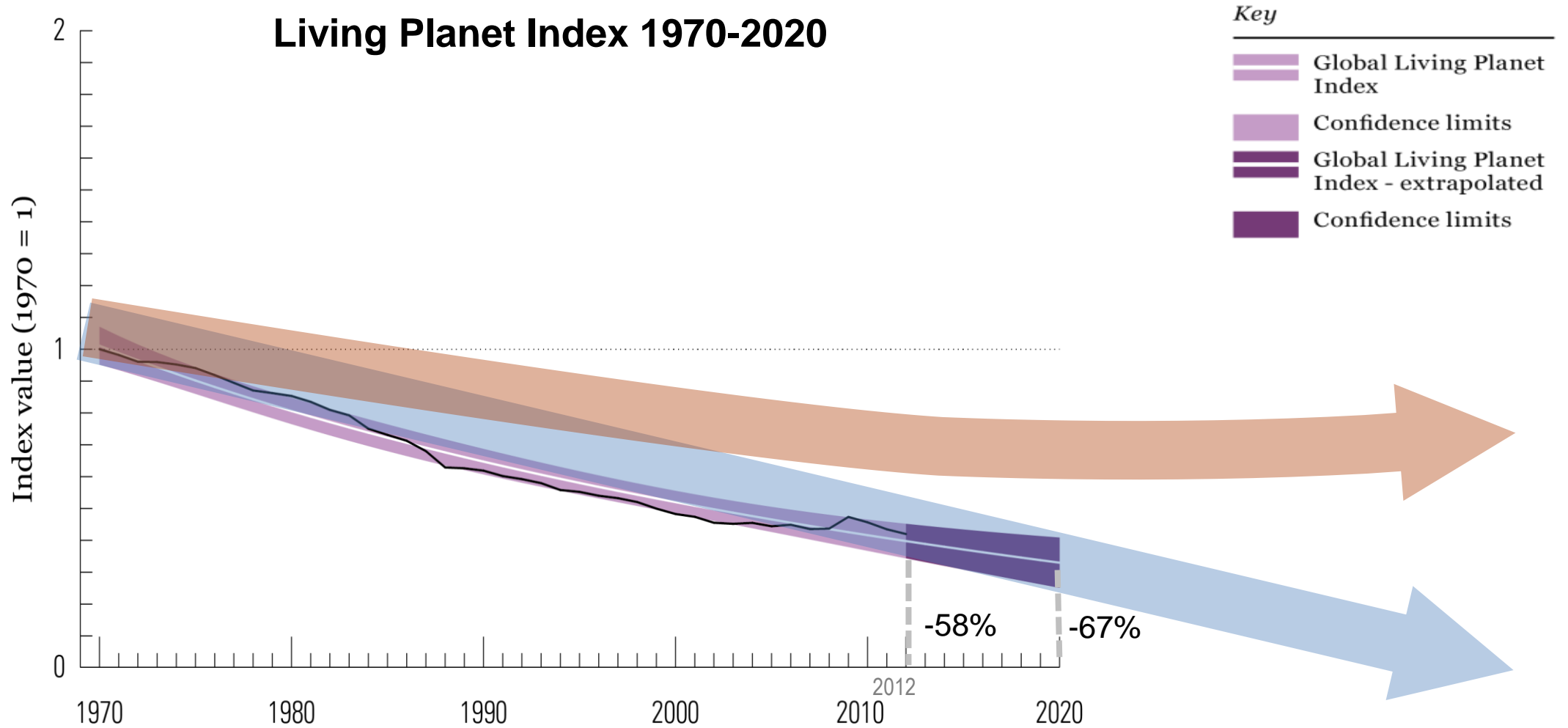
## ... and so is the environmental challenge

Since 1950...

Population  
Transportation  
Energy use  
Surface temperature  
CO2 emissions  
Fertilizer consumption  
Water use  
Ocean acidification  
Marine fish capture



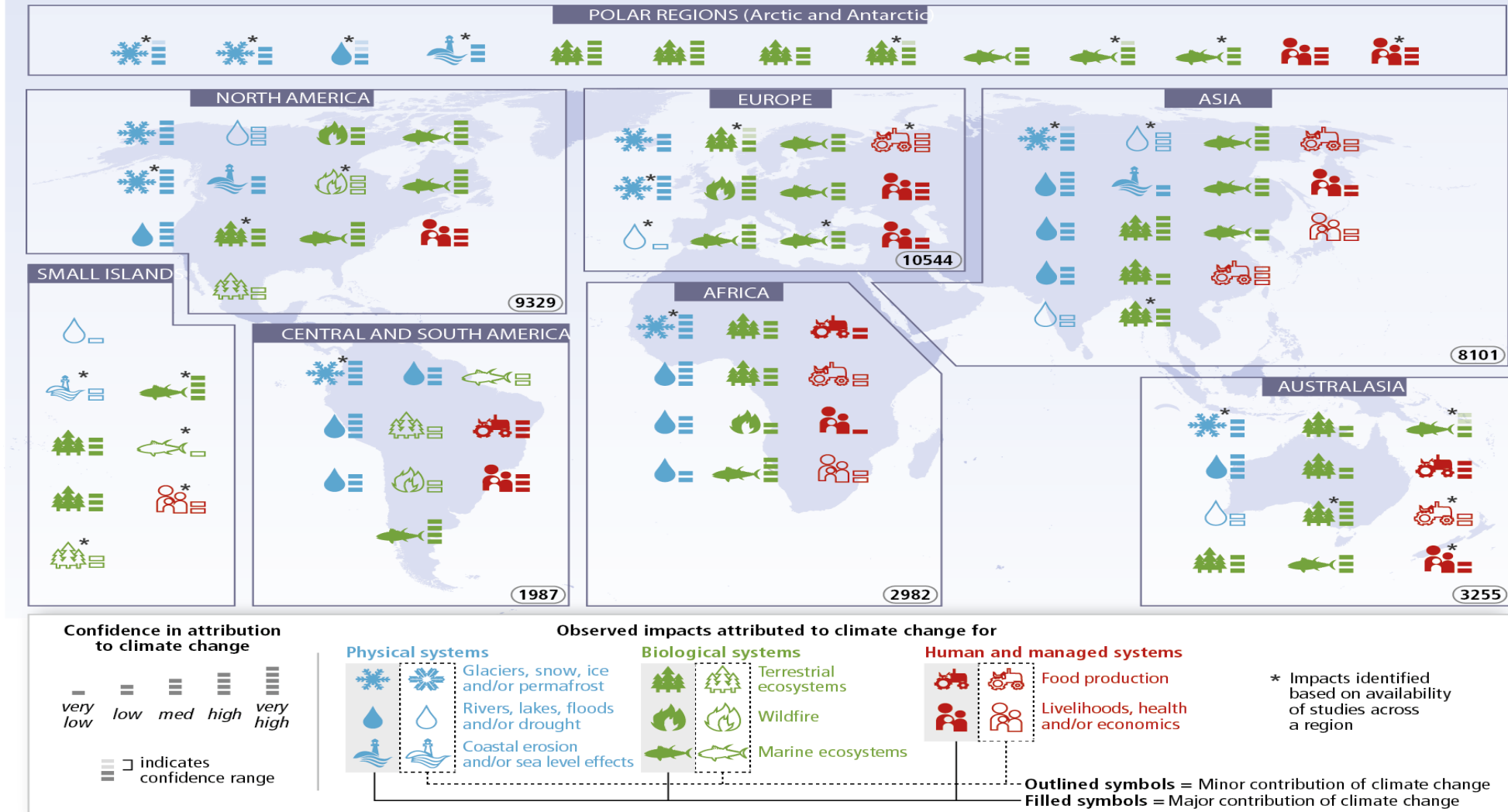
# How bad is it?



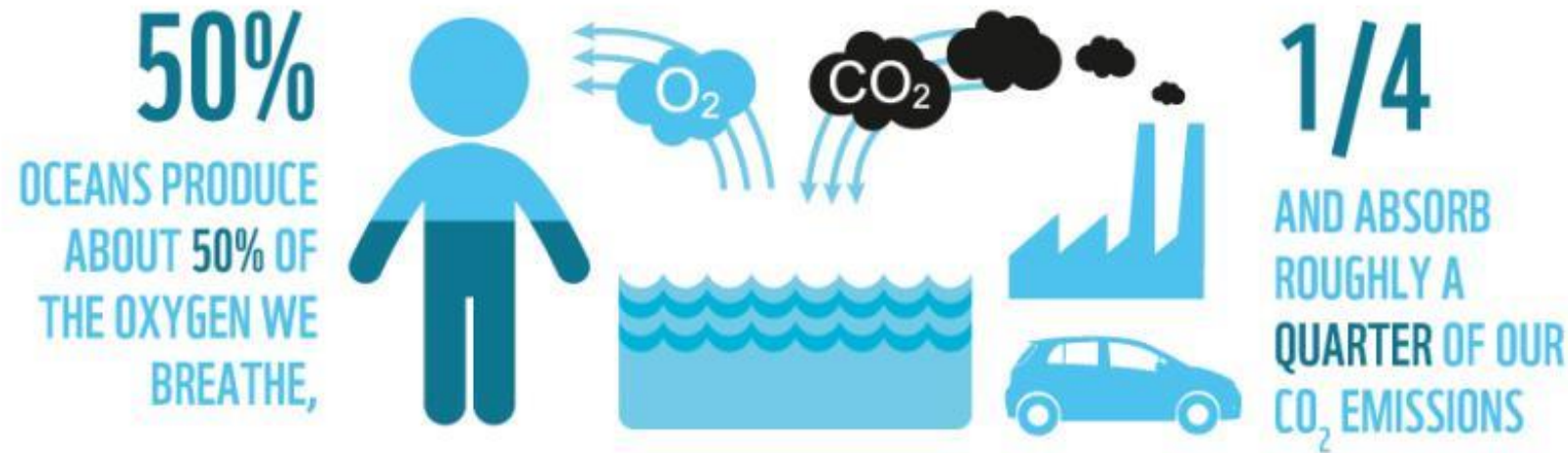
Source: WWF/ZSL, 2016

# Climate change has extensive impacts

Widespread impacts attributed to climate change based on the available scientific literature since the AR4



## Life on earth depends on healthy oceans...




**ALL life on earth depends on healthy oceans including: regional stability, food security, climate resilience, and a flourishing 'blue economy'**


- **>1 billion people** in the developing world rely on fish as a major source of **protein**
- The annual global fish catch is **worth US\$ 85 billion**
- **>10% of the global population** relies on fisheries as their livelihood
- Marine tourism accounts for **9.8% of GDP and employs 277 million people** - 1 in every 11 jobs



# ...but this is a system under severe stress



In the last 30 years we have lost over half of our coral reefs and 1/3 of all seagrasses  
We may lose them all by 2050



...And pollution is an ever growing problem  
Between 4.8 to 12.7 million tonnes of plastic are flowing into the ocean every year

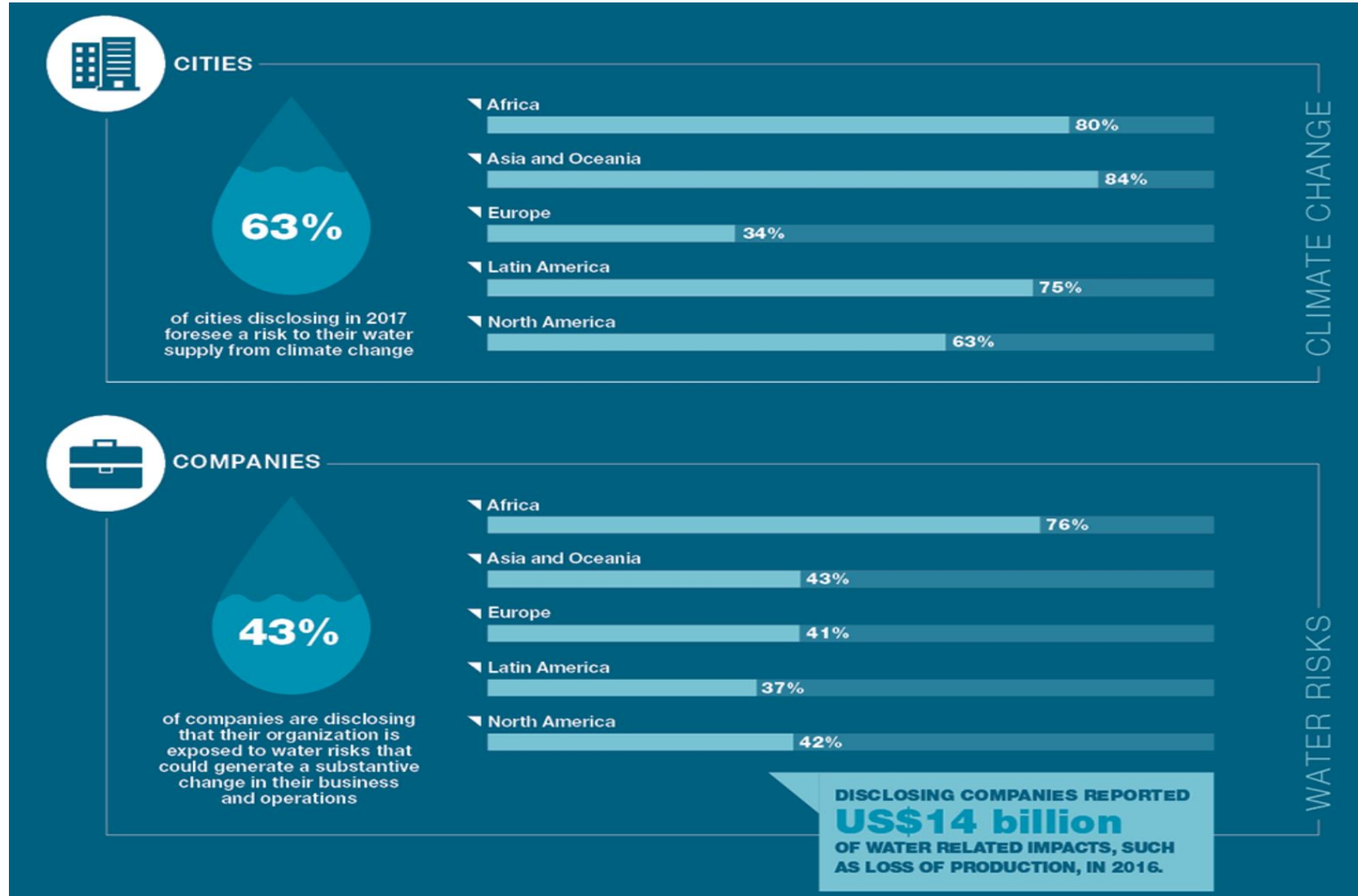


## Freshwater, critical to our well being, is also under stress



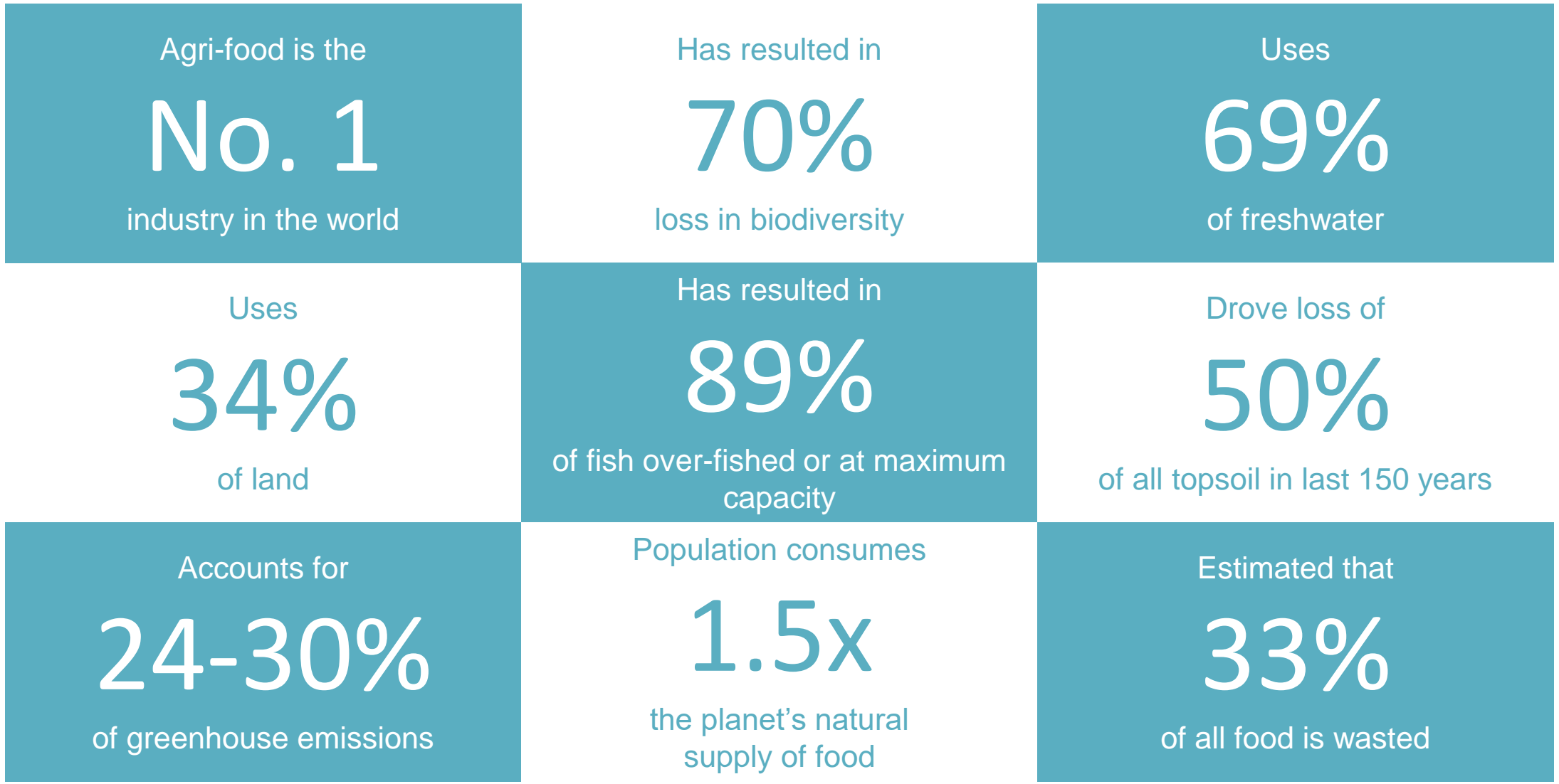
Skymetweather.com February 6, 2018

# Cities and businesses already feel these risks





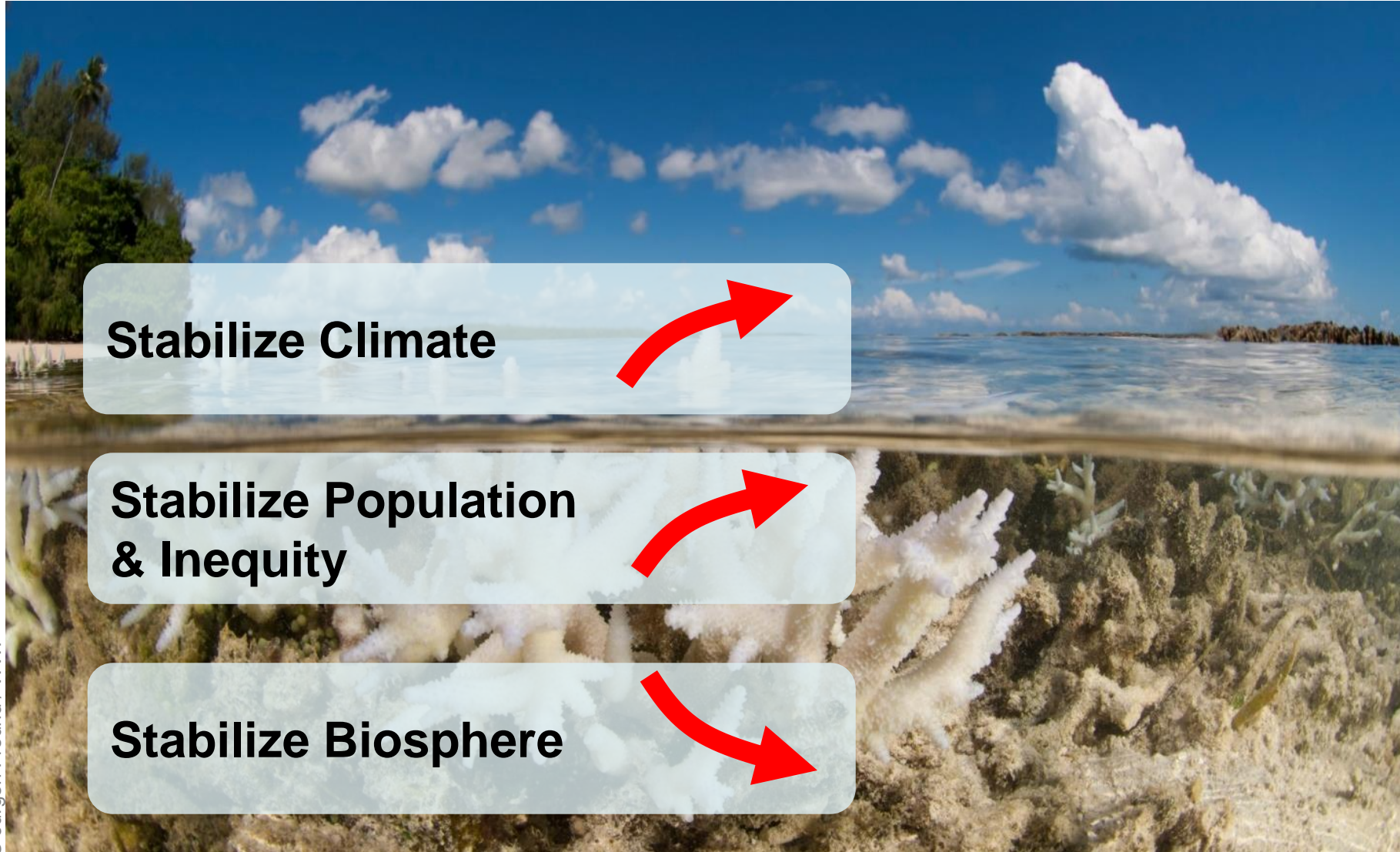
## Food production has extensive impacts



Source: WWF



## So, what do we need to do?



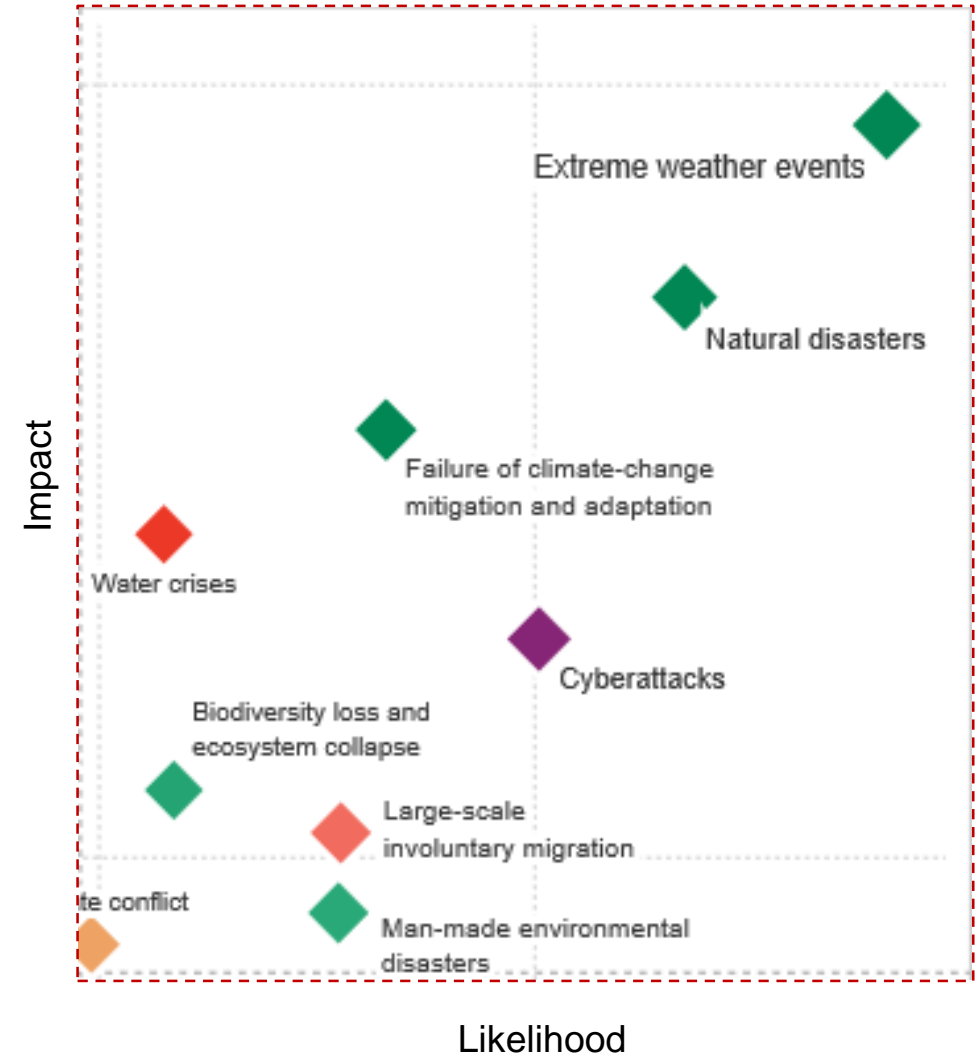
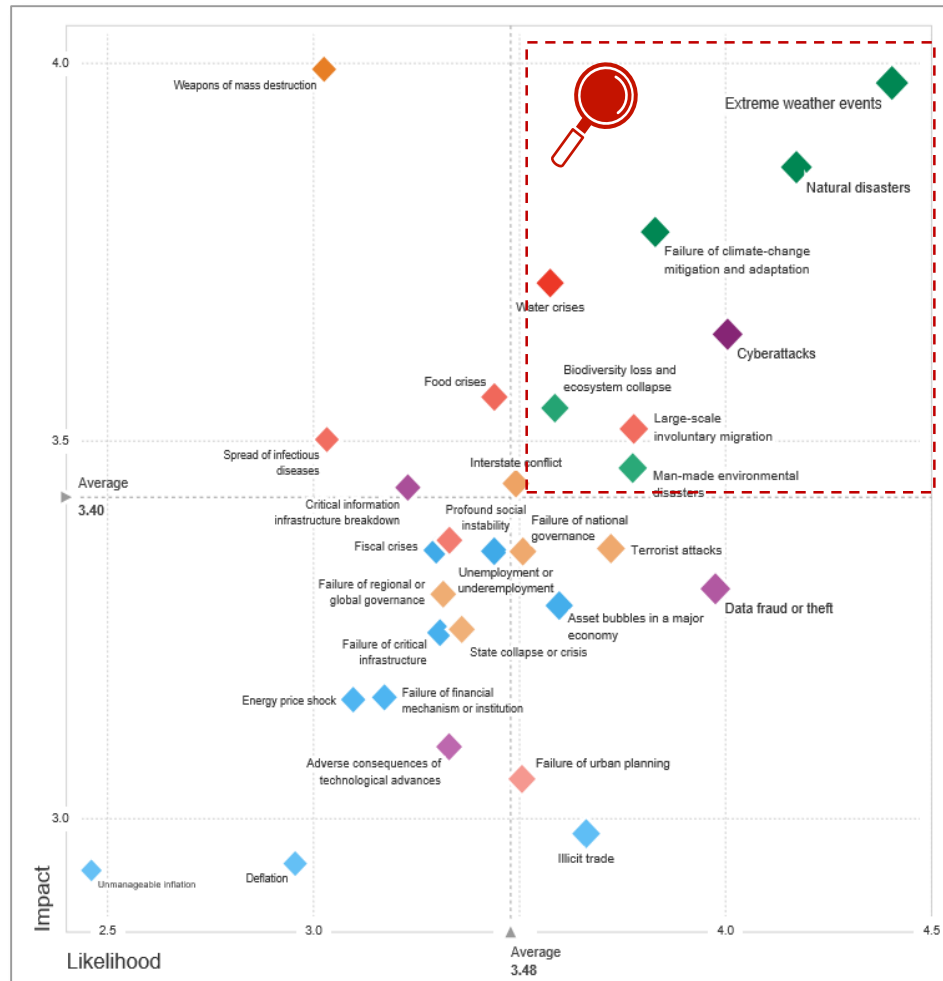
# Sustainability is on the agenda of policymakers...

- December 2015: G20 Financial Stability Board establishes industry-led climate risk disclosure task force
- March 2018: EU publishes bold Action Plan, followed by regulatory proposals
- March 2018: Joint report released on investor duties and ESG integration in China
- April 2018: UK sustainable finance taskforce issued a 10-theme package



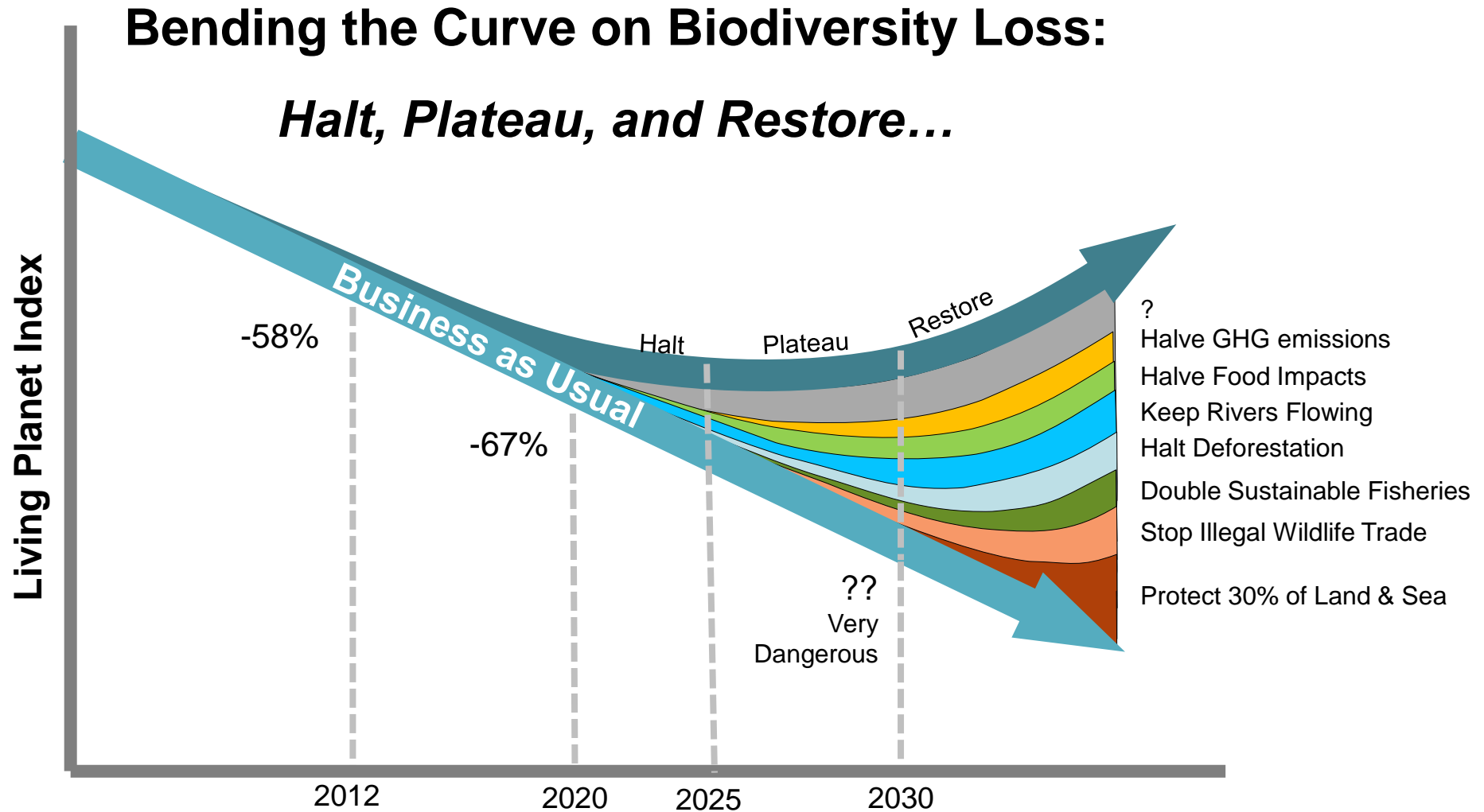


# ...And on the radar for business and investors...





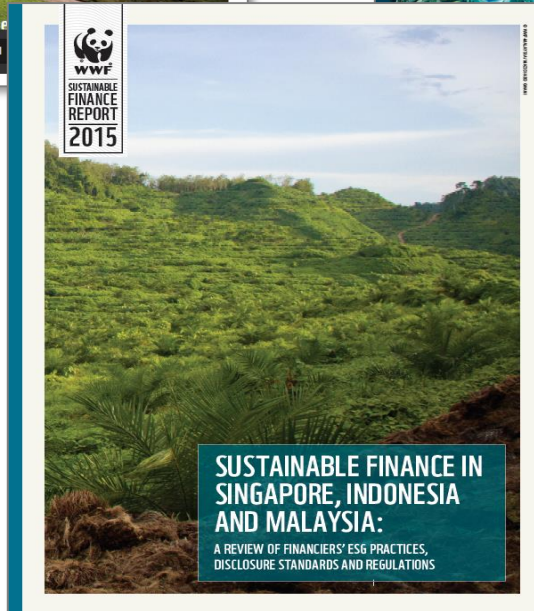
...And on our radar at WWF







# Our work in sustainable finance







# ...And in the global conversation

The image displays a collage of digital content related to Earth Hour 2018. On the left is a screenshot of the **connect2earth** website, which features a navigation menu with categories like **Biodiversity**, **Climate Action**, and **Wildlife Conservation**. The main heading on the site is **BIODIVERSITY**. Below the website screenshot is a social media post from **UNEP** (United Nations Environment Programme) with the text: "Forests cover 30% of the Earth's surface and in addition to providing food security and shelter, forests are key to combating climate change, protecting biodiversity and the homes of the indigenous population." To the right of the website is a graphic showing **3.5 BILLION+** IMPRESSIONS FOR EARTH HOUR AND CONNECT2EARTH (JAN - MAR 2018), accompanied by an icon of three people with Wi-Fi signals above them. Below the UNEP post is another social media post from **CivilEats** discussing environmental crises. Further down is a post from **Global Wildlife Conserv...** featuring a photo of a large tortoise. At the bottom right, there are more social media posts, including one from **IUCN** and another from **Boothster Tweets**. The bottom of the collage includes the Earth Hour logo for **24 MARCH 2018 8:30 - 9:30PM LOCAL TIME** and the WWF logo.





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