



Sustainable Consumption: Progress & Trends

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29th February 2016

1 : Biodiversity is not valued



2 : Climate change, worsening & worrying



3 : Water not wisely used and managed



4 : Demand on nature is ever increasing



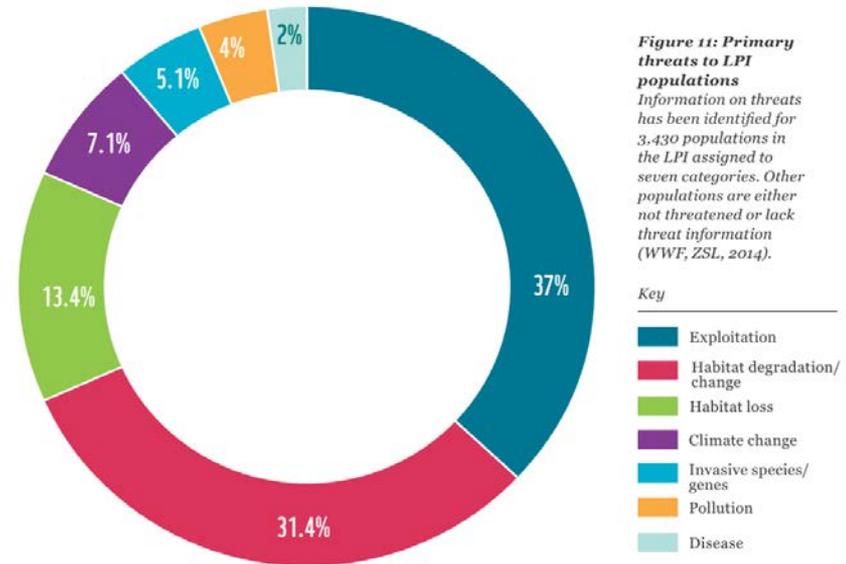
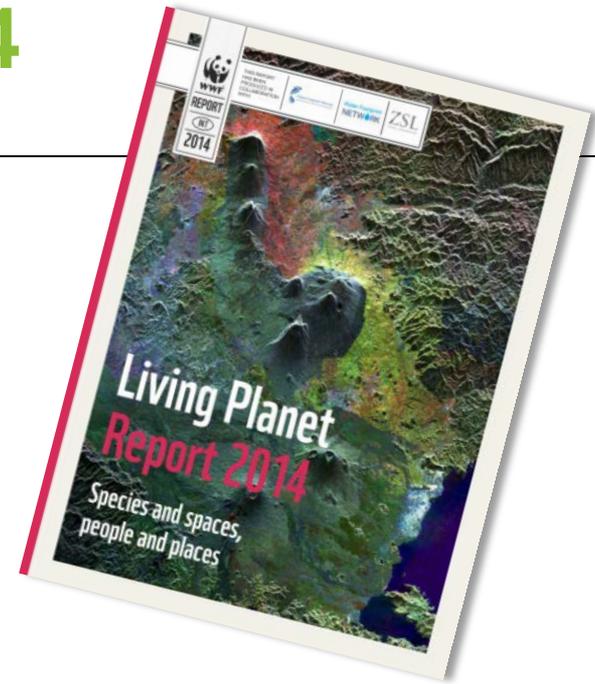
5 : There will be more people





Living Planet Report 2014

- Calculates the average **annual rate of change for species populations**
- It includes 10,000 representative populations of **mammal, bird, reptile, amphibian and fish species**
- There has been a **52% decline** in these populations since 1970
- Key threats are **exploitation** and **habitat change/loss**



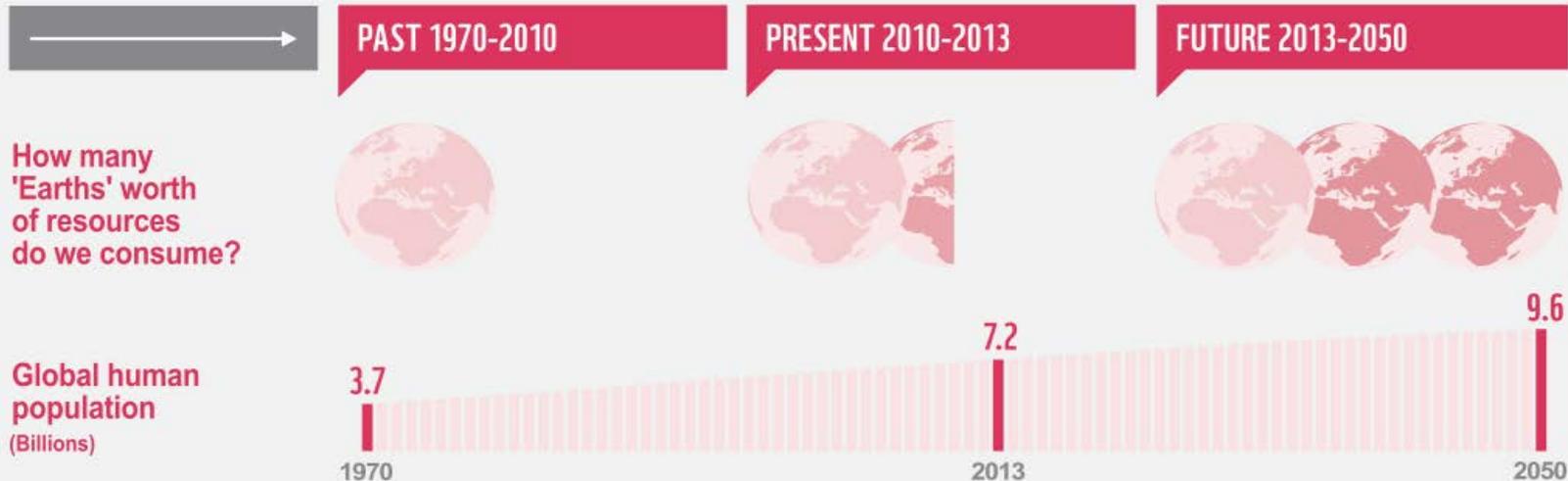


Our Ecological Footprint



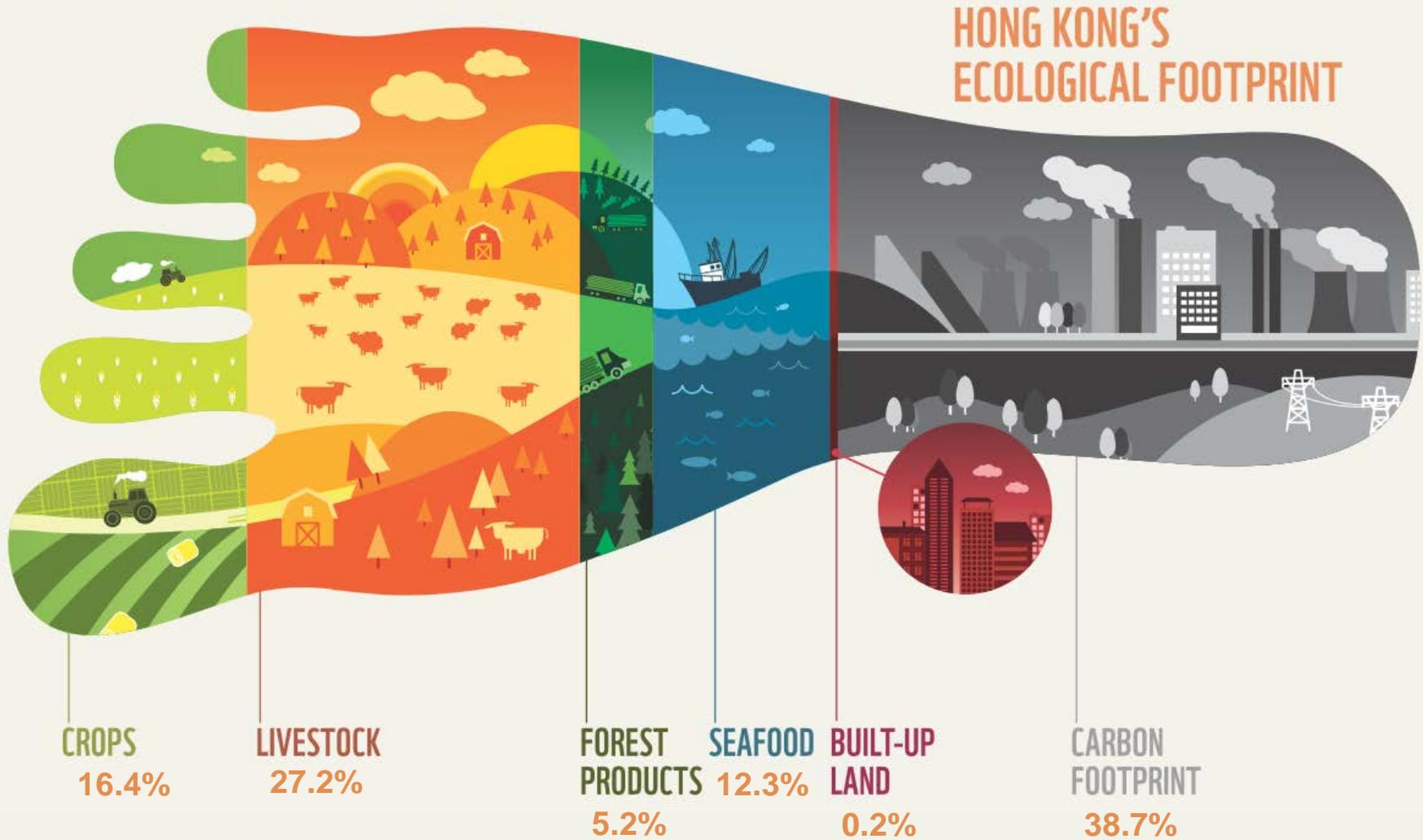
We need 1.5 Earths to provide natural resources we use in 12 months

OUR ECOLOGICAL FOOTPRINT





Status of Hong Kong – Ecological Footprint

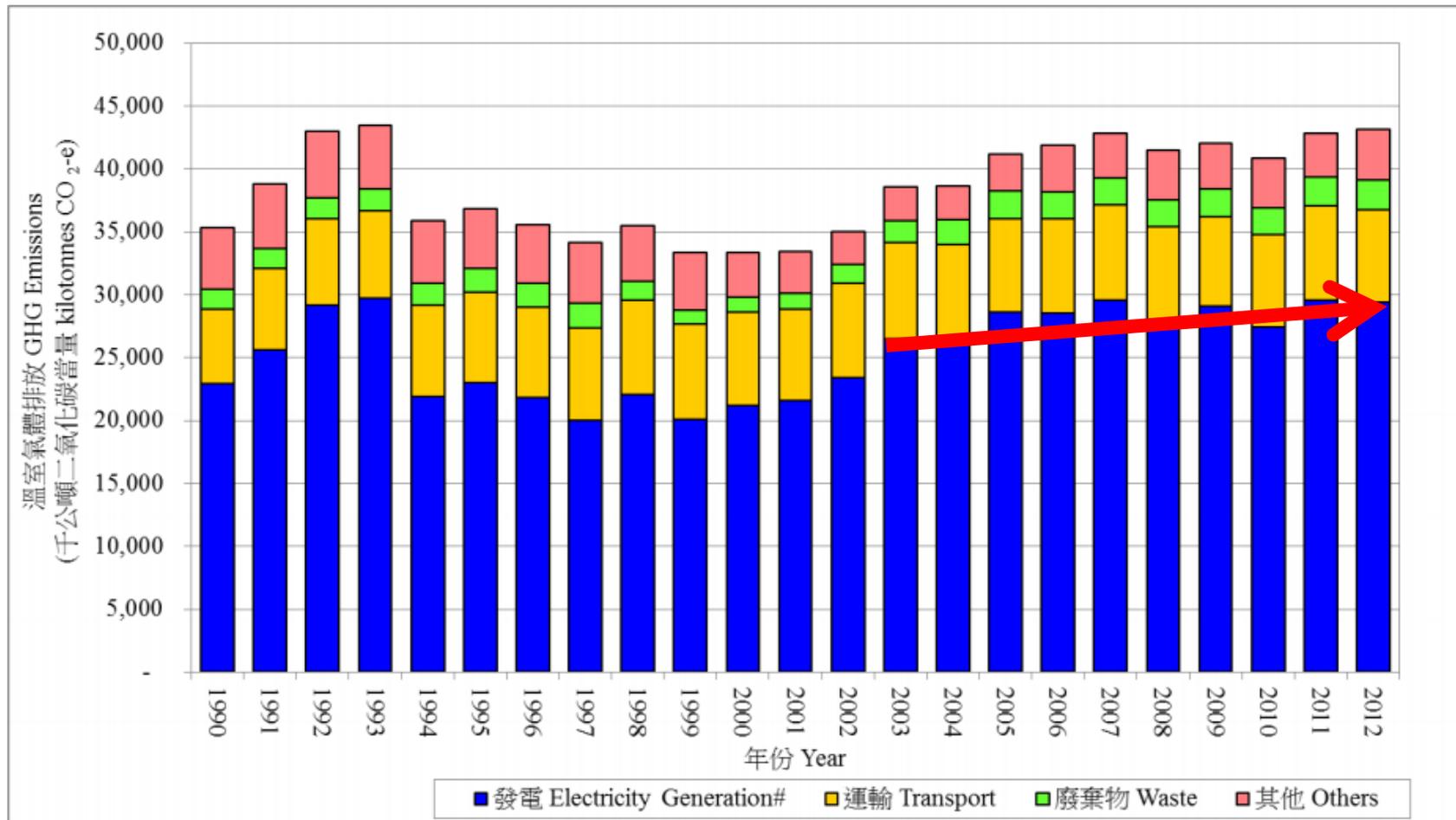




Hong Kong's greenhouse gas emissions from electricity have risen by 11% in the past decade

1990 年至 2012 年香港溫室氣體排放趨勢

Greenhouse Gas Emission Trends of Hong Kong from 1990 – 2012



備註 Remarks:

包括煤氣生產、佔能源生產的溫室氣體排放量約1%
Including Towngas production which accounts for only about 1% of GHG emissions caused by energy production

更新日期 Updated: 2015/6



Status of Hong Kong – Ecological Footprint

3.1

3.1 Earths are needed if everyone in the world lived a similar lifestyle to that of Hong Kong people

Asia Pacific per capita Ecological footprint

1. Singapore (7)

2. Hong Kong (15)

3. Mongolia (23)

4. S. Korea (32)

5. Japan (43)

6. Malaysia (56)

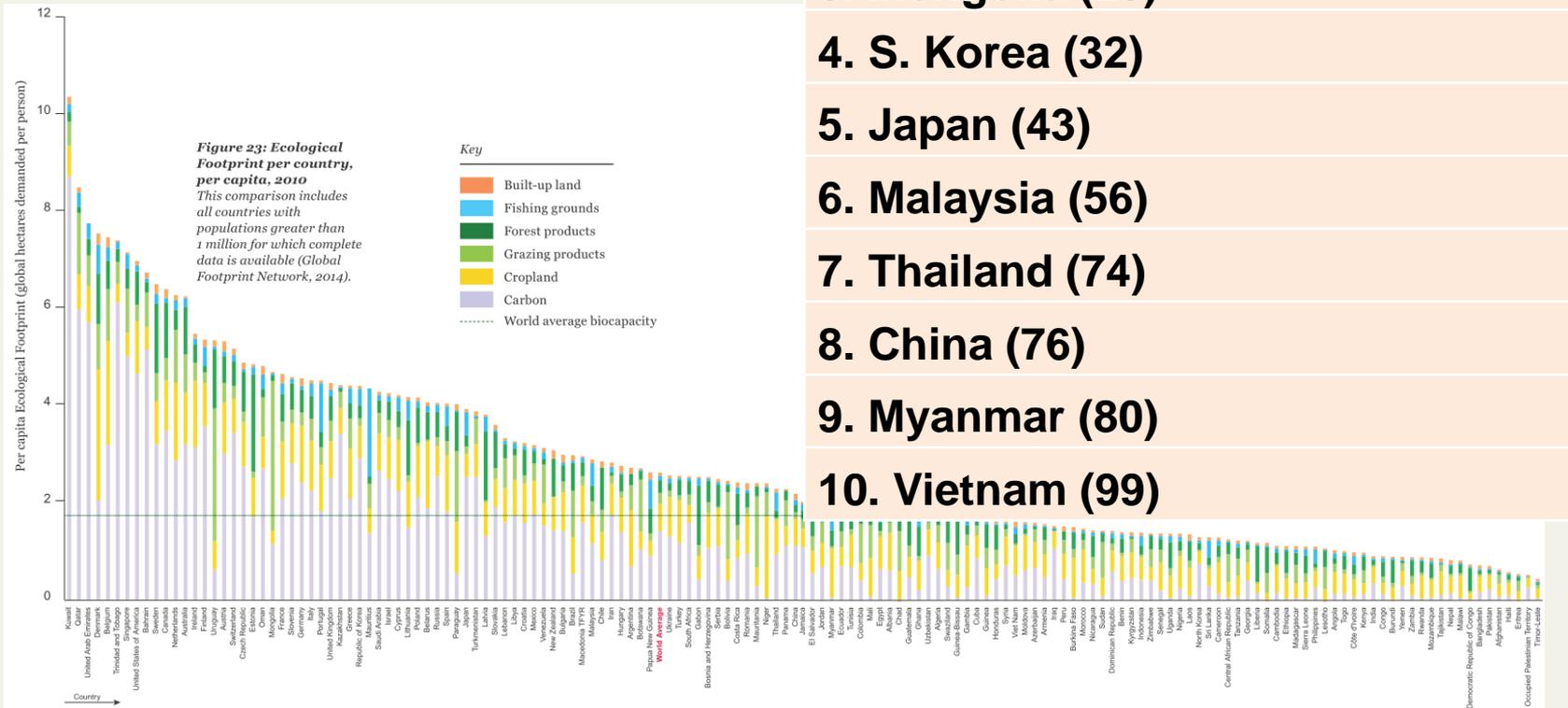
7. Thailand (74)

8. China (76)

9. Myanmar (80)

10. Vietnam (99)

Per capita Ecological Footprint (gha)



About 150 countries / territories with over 1 million human population



Example: Sustainable Seafood

Hong Kong is importing seafood from 170+ countries and territories





Global Growing Awareness of Sustainable Seafood



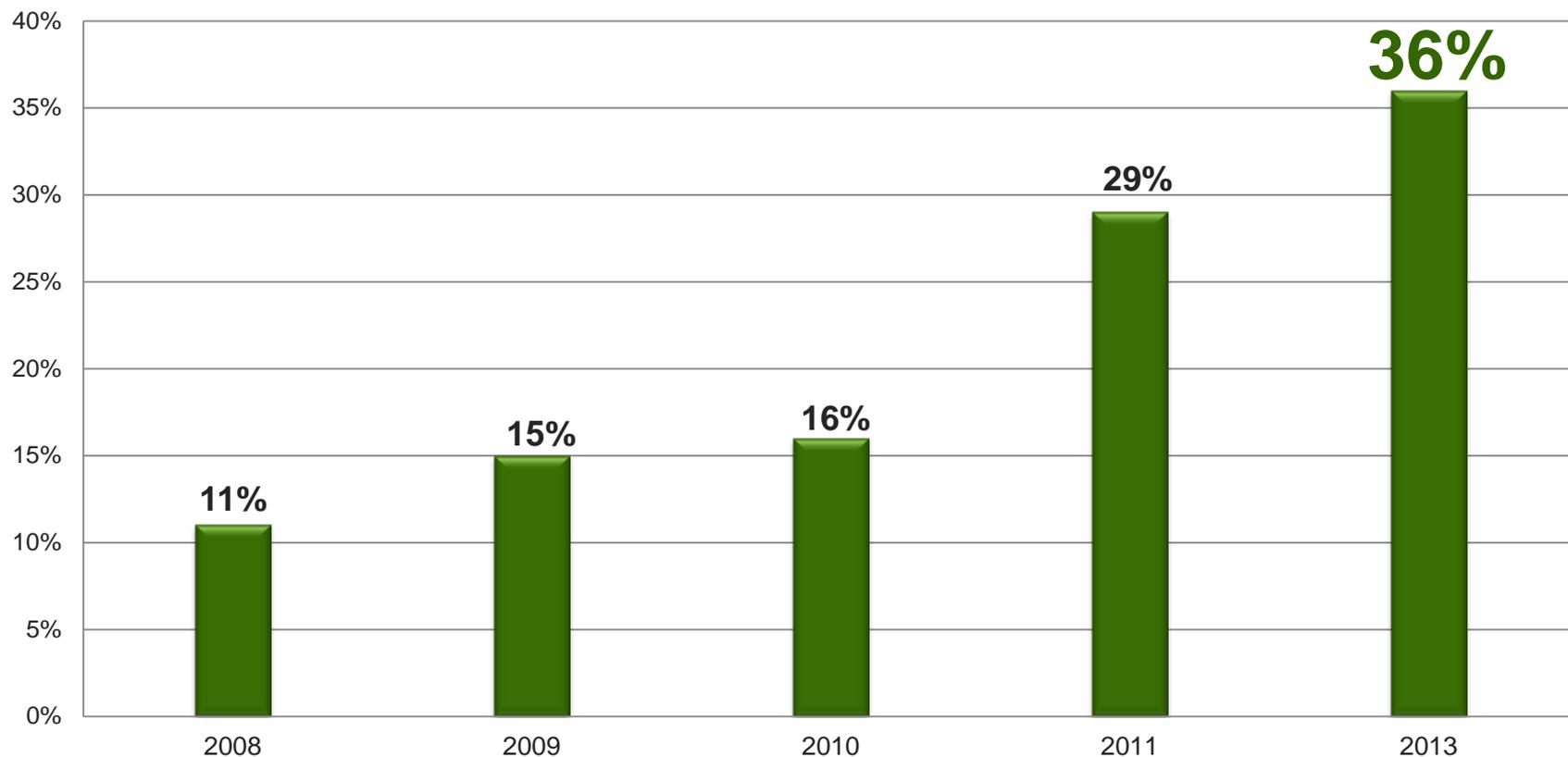
Hong Kong:

- **91% of respondents to a WWF HK survey said they will avoid an item if they are listed as “Red – Avoid” on the WWF Seafood Guide**
- **Three suppliers report that their sustainable seafood sales combined have more than doubled from 2010 to 2014**

Global number of FSC certified suppliers



FSC Consumer Recognition in Hong Kong



Data source: WWF-Hong Kong (2008 – 2011); FSC (2013)



Key Trends: Time-bound action plans for businesses

Example:

The Hongkong and Shanghai Hotels Limited (The Peninsula Hong Kong)

By 2020: “Critically endangered species are removed from our food and beverage offerings.”

- Peninsula provided information on >270 seafood items
- Based on the result, Peninsula set a time-bound action plan to remove selected unsustainable seafood by 2020



2020 Ambitions

- All operations continue to enforce the group-wide ban on shark fin.
- Paper products will be from certified sustainable sources by 2017.
- Critically endangered species are removed from our food and beverage offerings.
- Strive to source 50% perishable produce locally
- Guestroom amenities are made of sustainable materials.
- More than 50% cleaning products used in operations will be chemical-free or biodegradable.
- Tea, coffee and chocolate we sell are from certified ethical sources.
- Our luxurious furnishings meet uncompromising quality and sustainability criteria.
- Strive to have all procurement contracts in compliance with HSH Supplier Code of Conduct and verified by sample audit
- Rejuvenate “Naturally Peninsula” as the choice for sustainable, organic, and healthy options



Key Trends: Product testing for DNA and trace chemicals, to promote transparency

South China Morning Post EDITION: HONG KONG THU FEB
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Greenpeace survey finds harmful chemicals in 90 per cent of weatherproof gear

The global study of PFCs involved 19 countries and regions, including Hong Kong

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Greenpeace's Andy Chu Kong urged outdoor gear manufacturers not to use PFCs in their products. Photo: K.Y. Cheng

Greenpeace called for a complete detoxification of water-repellent outdoor apparel after its survey found nine in 10 of them made with harmful chemical compounds could weaken human immune systems and even cause cancer.

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Snow leopard DNA found in Chinese medicine sold in Australia



Bridie Smith, Science Editor
Published: February 5, 2016 - 2:21 AM

Chinese medicine purchased over the counter in Australia has been found to contain the DNA of endangered species.

Laboratory testing of the capsules purchased in 2012 found they contained DNA from snow leopard - and possibly tiger. Both species are listed on the Convention on the International Trade in Endangered Species.



Key Trends: Citizen Activism

A citizen activist survey of 13 grocery retail groups found 18,000 fridges without doors.

Fridges with doors save 40% energy

Store fridges are consuming 90million kw/h / yr in electricity, equal to 51,000 tonnes of CO2, or 10,000 return flights HK to London



“Before 2016 Q2, we will gradually install doors on fridge for all 910 stores”



“ Plan to phase out all door-less fridges or install doors within 2-3 years”





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10TH
熄出力量
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EARTH HOUR

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19.3.2016 | 8:30pm

WWF Hong Kong