기후행동 컨퍼런스 2018
CLIMATE ACTION CONFERENCE 2018
[발표자료집]
[ Session I ]
Aligning climate actions of economic actors with Paris Agreement (1.5℃)

Presentation I

Corporate climate leadership with the cases of Science Based Targets Initiative and Japan Climate Initiative

Ryuji Tsutsui
(CEO, WWF-Japan)
Stop Climate Change
-Together possible-

2018.Oct 10\textsuperscript{th}
Ron Tsutsui – CEO, WWF Japan
Korea: A leader of Asia Pacific Climate Actions

1997 S.Korea’s solidarity to concur currency crisis and transformation
1990s~ Growth in global competition (automobile/electronics/media)
2018 Climate action tracker: “Highly insufficient”
- Carbon Tax
- Invest on Green IT Innovation

In 2050, population of AP exceed **5.3 billion**

**Middle income bracket** reaches **3.2 billion**

There is no **sustainable world** without sustainable Asia Pacific
Japan Climate Initiative at a glance

Launched on **July 6th, 2018**

**105** Initial members now up to **214**
(148 companies, 22 local gov’ts & 44 other orgs)

japanclimate.org/english
Why JCI is needed for Japan

1. To Respond to the Increasing Role of Non-State Actors in the Paris Agreement
   - Wanted to create movement from Japan

2. To Create a level-playing field for Japanese NSAs
   - Ambitious actions taken by progressive companies/local governments to receive fair recognition.

3. To Tap on the Advocacy Power of the NSAs to the Central Government
   - Japan needs to stand on the front line of global de-carbonization.
What JCI aims at (from the Founding Declaration)

Japanese **energy efficiency** and expansion of **renewable energy** is vital to realize a de-carbonized society. We believe it brings **benefits to Japan** and narrow the gap in achieving the **well below 2°C target** through our own activities.

1997 Japan’s leadership at Kyoto Protocol

2017 **Japan is far from the forefront of climate action.**

It is **Non State Actors to enhance Japan’s commitment** to climate efforts in international society.
JCI promotes collaborations in 4 fields

**POLICY Advocacy**
- Government’s advisory council for **strategy to meet Paris Agreement.**
- Prepare the strategy for **G20 2019 in Osaka, Japan.** JCI will support ministries.

**Engage and Act**
Expand community through **RE100 (7 companies)** and **Science Based Targets (31 co,.)** and share experiences and knowledge in non-competitive field among members.

**Expand community**
JCI will showcase and work with other partners in Japan.

“Japan Climate Action Summit” on Oct 12th.

**International Partners**
We will communicate and act with **international partners.**
**SBT: Science Based Target initiative**

**GOAL:** Increase corporate ambition on climate action with the level of de-carbonization required by science to limit global warming to less than $2^\circ$C compared to preindustrial temperatures.

**Objectives:** Enlist 100 companies in 2015, and 250 companies by 2018. Demonstrate to policy-makers the scale of ambition achievable among leading companies to positively influence international climate negotiations.

**Merit of Engagement:** why join?
- Allows companies to manage risk
- Gives long-term competitive advantage and safeguards future profitability
- Spurs Innovation
- Makes companies more resilient to developing climate regulation and policy
- Enhances corporate reputation
- Compatible with strong financial returns

**Concerns:**
Prerequisite: Assuming clean energy become available. Plan can be revised if altered.
To enlarge SBT community

- **Introduction/Encouragement** from Gov’t and NGOs
- **Support** by NGOs (WWF Technical Seminar)
- **Pressure** from NGOs (WWF Ranking Report)
- **Recognition** by financial communities
- **Influence** of early adaptors to entire industry

- **Sony, Honda, Nissan, Kao**
  - Toyota, Yokohama Rubber, Daikin, ...

- TOP 1-200th company: 360,000 - 16,000 employees
Ranking on Climate Change Action by WWF

▼ Dismay
▼ Challenge
- Debate
▲ Change
▲ Declare
▲ Collaborate
Collaboration with Local Governments

Dr. Konishi for Sustainable Olympic 2020

Mr. Tokugawa
R. Tsutsui, N. Yamagishi
Collaboration with International Community

Tokyo Metropolitan Gov’t, City of Yokohama engaged in C40 to share ambition at scale

“Deadline 2020”
https://www.c40.org/other/deadline-2020
https://resourcecentre.c40.org/
Fun to save Our Blue Planet with WWF
“Ask not, what your country can do for you. Ask, what you can do for your country”  J.F.Kennedy 1961

“Act together to stop climate change, and save our blue planet”

Together possible
CLIMATE RISKS: 1.5°C VS 2°C GLOBAL WARMING

EXTREME WEATHER
- 100% increase in flood risk vs 170% increase in flood risk.

SPECIES
- 6% of insects, 8% of plants and 4% of vertebrates will be affected vs 18% of insects, 16% of plants and 8% of vertebrates will be affected.

WATER AVAILABILITY
- 350 million urban residents exposed to severe drought by 2100 vs 410 million urban residents exposed to severe drought by 2100.

ARCTIC SEA ICE
- Ice-free summers in the Arctic at least once every 100 years vs Ice-free summers in the Arctic at least once every 10 years.

PEOPLE
- 9% of the world’s population (700 million people) will be exposed to extreme heat waves at least once every 20 years vs 28% of the world’s population (2 billion people) will be exposed to extreme heat waves at least once every 20 years.

SEA-LEVEL RISE
- 46 million people impacted by sea-level rise of 48 cm by 2100 vs 49 million people impacted by sea-level rise of 56 cm by 2100.

OCEANS
- Lower risks to marine biodiversity, ecosystems and their ecological functions and services at 1.5°C compared to 2°C.

CORAL BLEACHING
- 70% of world’s coral reefs are lost by 2100 vs Virtually all coral reefs are lost by 2100.

COSTS
- Lower economic growth at 2°C than at 1.5°C for many countries, particularly low-income countries.

FOOD
- Every half degree warming will consistently lead to lower yields and lower nutritional content in tropical regions.
■「気候変動イニシアティブ」に関するQ & A

Q：「気候変動イニシアティブ」って何ですか？
A：気候変動対策に積極的に取り組む企業や自治体、団体、NGOなど、いわゆる「非国家アクター」のゆるやかなネットワークです。米国では、企業、州政府、自治体などが"We Are Still In" というネットワークを作り、トランプ政権のパリ協定の離脱表明後も、気候変動対策の強化に取り組んでいます。「気候変動イニシアティブ」は、いわばその日本版です。

Q：どんなところが参加の対象ですか？
A：呼びかけ文に賛同する企業、金融機関、自治体、研究機関、NGOなどです。個々の参加でも、その連合体が参加するのもかまいません。

Q：何をするのですか？
A：参加メンバーが自発的に積極的に気候変動に取組むことが基本です。 「気候変動イニシアティブ」では、ホームページでの活動紹介やセミナー、イベントの開催でメンバー間での情報共有や経験交流を行い、メンバーの取組みをサポートします。

Q：2018年度には何か大きなイベントの予定はありますか？
A：10月12日（金）に「気候変動アクションサミット（仮称）」の開催を予定しています。詳細はこれからですが、日本での非国家アクターの取組みを活発にする契機となるものです。ぜひご参加ください。

Q：会費はありませんか？また何か決まった義務はありますか？
A：募金は歓迎ですが、会費はありません。また決まった義務もありません。参加団体の自発的な取組みを進めてください。

Q：事務局はどこがやっているのでしょうか？
A：WWFジャパン、CDPジャパンと自然エネルギー財団が共同で事務局をやっています。今年度の活動経費はこの3団体が負担します。

Q：参加するにはどうしたらいいのですか？
A：申し込み用紙（別紙ワードファイル）に記入して、事務局あてにメールでお送りください。