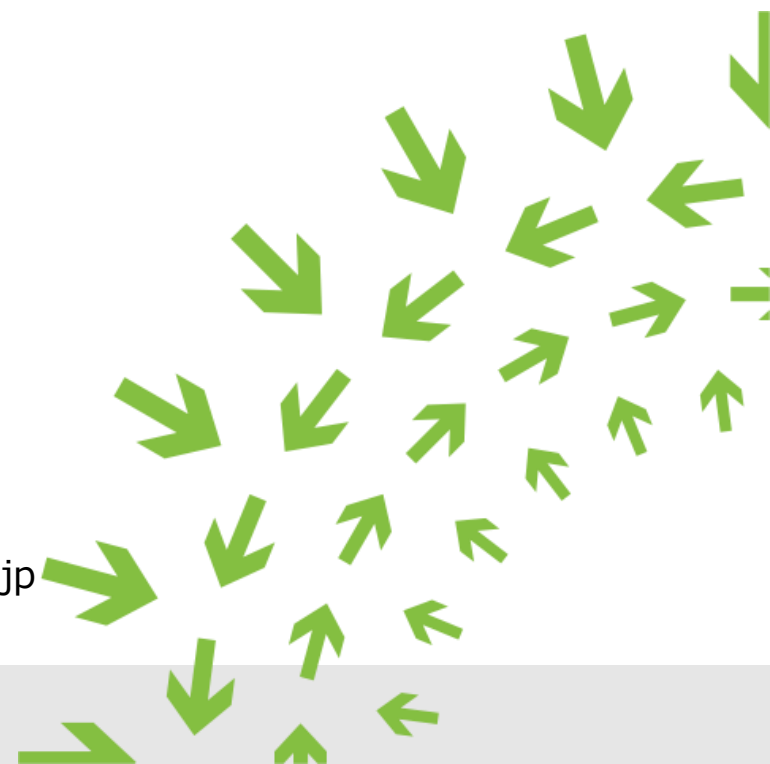# Cloud Computing Day Tokyo 2021

**Taiwan-Japan Community
The 2021 OCP Global**

OCP-J

Ryutaroh Fujita

r-fujita@community.cloud-business.jp

Welcome to Taiwan-Japan community

Ryutaro Fujita
Chair of Open Compute Project Japan
NetOneSystem CISO Office

Open Compute Project Japan

Open Compute Project Japan

   Agree on the activities of the OCP (Open Compute Project), as well as provide public relations and provide information about the significant presence of OCP in the Japanese market. Open Compute Project Japan will make recommendations from and for Japan.

January 17, 2013

   it was decided to share intellectual property

   on the Open Compute project and open-source based

   cloud infrastructure technology from several organizations.

Agile Cat

Cloud Business Alliance

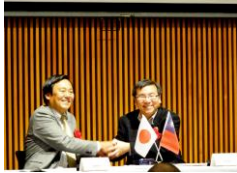**October 17, 2013**

   Taiwan Cloud Computing DAY Tokyo

March 4,2014

   OCP Taiwan Forum

OCP台湾と日本の協業の範囲をAPACまで広げよう
という趣旨のMOUの締結

OPEN
Compute Project

2013-2016. How to promote OCP

2013
Taiwan Cloud Computing DAY Tokyo
OCP Taiwan and OCP Japan MOU Signing Ceremony
Rack Disaggregation Using PCIe Networking

2014
how to promote OCP in japan

高品質なクラウドを支えるインフラ設計

2015
OCPT Updates and OpenStack's Rapid Growth in Taiwan

2016
Next Frontier of Data Center Hardware Architecture

2017-2019　AI/5G/IOT/Cybersecurity

2017
Cloud Computing Day Tokyo 2017
DNN Training as a Service
(Deep Neural Network)

AIモデルトレーニングのためのマルチGPUシステムの活用方法
IoT & AIoTプラットフォーム ソリューション

2018 AI/Cloud Computing Day Tokyo

Core AI Application Technologies in the Era of 5G

2019 AI/Cloud Computing Day Tokyo
Ready AI System Solution for your business

2019 IoT Security Day Tokyo. CIAT
　The Cybersecurity Threat of IoT Devices
　IoT セキュリティへのホワイトリスティング アプローチ

The 2021 OCP Global Summit
November 9-10, 2021 at the San Jose Convention Center.

The 2021 OCP Global Summit

November 9-10, 2021 at the San Jose Convention Center.

バーチャルで1000人以上参加　会場でも、スポサー、ブースも盛ん
2020年OCP ProjectのソリューションRevenueは$16Bで37%成長
2021年に新たにOCPメンバーに82社（Amazon,Uber,Targetなど）が参加
2025年までには$46BのRevenueを見込んでいる

OCP ProjectのソリューションRevenue
2019-2020:成長率37%
2020 :約 1兆6000億円
2025 :約 4兆6000億円

82 new companies (Amazon, Uber, Target, etc.) joined OCP in 2021.
42 solutions added to OCP Marketplace
OCP has expanded to 5 regions (**including Taiwan and Japan**)
OCP is celebrating its 10th anniversary and we are often asked,
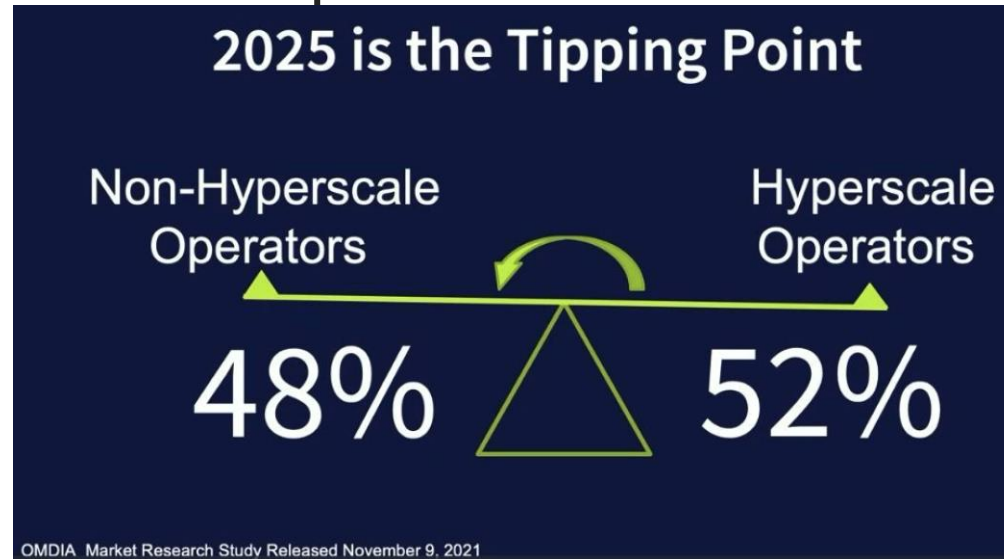"What has changed the most?"

There were many people who were unable to travel from all over the world due to COVID-19, but more than 1,000 people have already logged in virtually.
In 2020, OCP Project's Solution Revenue is $16B, growing 37%.
By 2025, the revenue is projected to be $46B.

In addition, we believe that 2025 will be a tipping point.

OPEN
Compute Project

2025年は転換点
Hyperscale Operators52%
Non-Hyperscale Operators48%

By 2025, the percentage of OCP products consumed will be 52% by Hyperscale Operators and 48%

by Non-Hyperscale Operators, and we expect that the awareness and consumption of OCP will gradually spread from Hyperscale to Non-Hyperscale.

10周年を迎えるOCPで何か一番変わってきたのか

OCP is celebrating its 10th anniversary and we are often asked, "What has changed the most?"

集中から分散
　　よりコンピュートリソースはCloudからEdgeへ
　　新しいIT Ecosystemsが生まれている

From Centralized to Edge
　・The world is becoming more disaggregated. What we are saying is the decentralization of computation.
　　Our research found that 47% of data center operators are intending to increase their investments on the edge over the next five years.

画一的なソフトから多様性へ
　ソフトの進化に合わせてハードウェアも進化
　単なるパフォーマンスの向上にとどまらず、管理性やセキュリティも進化
　CouldからEdgeへ展開できるようにソフトもハードも進化

Homogeneous to Diverse
　・We also found that the more interesting work are driving different architecture that require hardware and software to come together not just for the acceleration, but security and manageability for understanding what we can do together to drive compute from the cloud to the edge and transform and users experiences.

OPƎN
Compute Project

From Discard to Re-use

DCから排出されるCO2は2030年までには
世界のCO2排出量の20-30%を占めるといわれている
Sustainabilityは世界全体で取り組む重要な課題

It is said that CO2 emitted from DC will account for 20-30%
of global CO2emissions by 2030.

Sustainability has become an important issue for the entire world
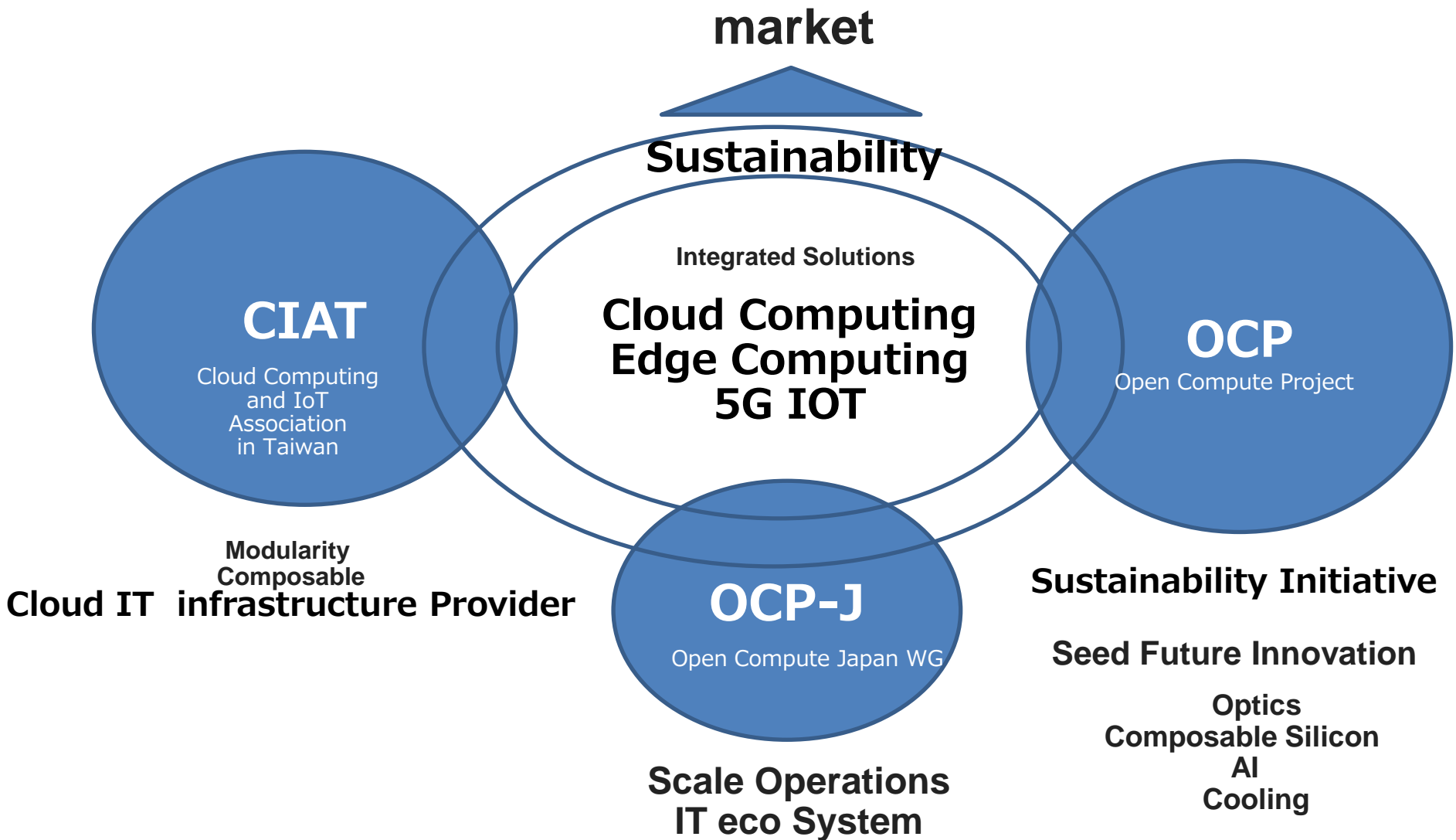to address.

today

From Centralized to Edge

Cloud   Computing
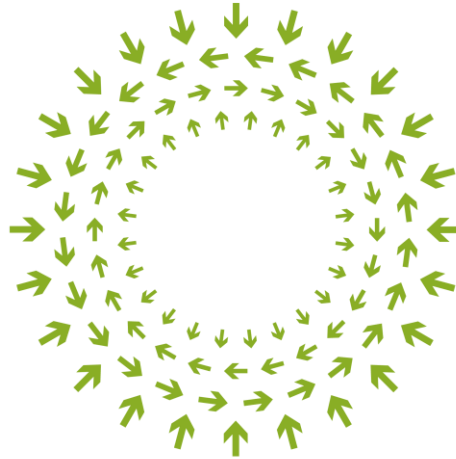**Edge Computing**
5G IOT

OCP-J   Number of companies: 157
        Members: 300 people

135 entries from Japan
100 entries from Taiwan

2021

market

Sustainability

Integrated Solutions

**Cloud Computing
Edge Computing
5G IOT**

CIAT

Cloud Computing
and IoT
Association
in Taiwan

OCP

Open Compute Project

OCP-J

Open Compute Japan WG

Modularity
Composable

Cloud IT infrastructure Provider

Sustainability Initiative

Seed Future Innovation

**Scale Operations
IT eco System**

**Optics
Composable Silicon
AI
Cooling**

OPEN
Compute Project

これからもよろしくお願いします

OPEN
Compute Project
Japan

http://www.opencomputejapan.org

http://opencomputejapan.org/en/